## I. INTRODUCTION

## A. Background of the Study

Internet has been a very great improvement in our daily lives.  From online shopping to virtual classrooms, from simple e-mailing to complicated web conferencing, Internet has proven its undeniable significance in cyberspace technology and is made possible by the Internet Service Providers (ISPs).

An ISP is a company that provides individuals and other companies, access to the Internet and other related services such as Web site building and virtual hosting [1].  ISPs are the ones that allow the general public to get involved in the World Wide Web. They offer a very cost efficient service that has stimulated the growth of the Internet by allowing common citizens to access it [2].   One of the services it offers is the prepaid service for local users using the Internet.  This service handles the promos regarding Internet rates (e.g. different rates for peak and off-peak hours).   In addition, this prepaid service is based on the idea of a dial-up connection.

There are so many ways of connecting to the Internet one of which is through a telephone line or what we call the conventional dial-up connection.    Dial-up pertains to a telephone connection in a system of many lines shared by many users. A dial-up connection is set up and maintained for limited time duration [3].  Because of this prepaid cards were made to suit the said situation.

**B. Statement of the Problem**

Internet prepaid cards are widely used nowadays since dialup connection is the most common among all the internet connections [4]. But the hassle of buying it from the cell card stores entails cost in time and money (e.g. fare to go to the cell card store) on the part of the user. Moreover, instead of just keeping one username and password the user is forced to change it consistently. Aside from that, most of the prepaid card holders are not aware of their Internet consumption that they tend to be surprised if their internet connection is cut off suddenly.

**C. Objectives**

The main objective of this project is to have an online system for reloading Internet prepaid cards in which the user with existing account retains the username and password specified on the particular card purchased. The project will also make possible of having a pop-up notification of the user's Internet consumption as it reaches a critical level (time left) for the user to have time in reloading his/her account.

**Specific Objectives:**
1. The user with existing account can reload online.
2. A prospective user (one without account with the provider) can load online.
3. The user with existing account can determine his/her Internet usage/consumption through the ISP's site.
4. The user with existing account can be notified by the system if his/her account reaches below a certain critical level (time left) through a pop-up notification.
5. The Account Manager (System Administrator) should be able to modify the database of prepaid accounts. He/She can view users, view cards, add cards, add and edit, delete card types.
6. The user can pay through electronic master card (e.g. Smart Money) and ordinary Credit Card.

## D. Significance of the Study

At present, only a few ISPs offer online view of the user's Internet consumption, example of which is the Inter.Net ISP [5]. Online reloading is still in the works. This project, on the other hand, will include not only the monitoring of Internet usage but also the reloading of accounts online. In addition, pop-up notification is also incorporated for alerting the user of his/her account if below a specified level (time left). This feature greatly benefits the users because they need not bother checking their internet consumption, unless they personally do so, on the ISP's site. The system also makes it easier for the user to reload since reloading is done online. With this, accounts can be updated even while it is connected. Also with this feature users do not need to disconnect in order to reload accounts or in current situation, buy another internet prepaid card. Moreover, potential users can actually open an account online without having to buy an Internet Prepaid Card.

This project does not only benefit the Internet card users but also the ISP. Database management is easier since the entries in the database will be lesser compared to that if there is no reloading because people keep on buying internet cards and so there will be more entries on the database of the ISP in comparison if the user will just keep one username-password. The concept is the same as that of a cell phone where the sim card is being reloaded. Likewise, the Internet card users hold the same username and password for as long as they keep on reloading. So instead of buying a new internet card which has a new username and password, the user only has to reload and still keep the same username and password. It should be noted that the username-password is not user defined, it is either found on the card purchased or given by the system if account is bought online.

**E. Scope and Limitation**

1. The project focuses on accounts management on the part of the Account Manager (System Administrator).
2. The project focuses on online reloading of accounts and in addition is the pop-up notification for alert purposes.
3. The project has the actual dial-up in a one-to-one connection.
4. The project does not provide the actual internet connection, but simulate one by having a website hosted in the ISP server.
5. The project does not create an ISP per se, only the prepaid account management and reloading part.
6. If there is no more balance, the account cannot be used for dial-up connection.

**F. Assumption**

Actual banking transaction is simulated (e.g. validating credit card no. and account). Connection of the server to the bank is likewise assumed. The mode of payment is assumed to be credit card or electronic master card.

## II. REVIEW OF RELATED LITERATURE

Internet is a global network of computer networks that is both a means for communication and reference resource on practically any subject [6]. It is a conduit for the exchange of ideas, and information necessary for the spread of knowledge on almost anywhere in the world. According to the University of California at Los Angeles (UCLA) 61% of the Internet users find the Internet as an important information source just like books and newspaper [7]. At present, more universities and learning institutions in the country are now connected online via fast and dedicated networks, signaling that the use of the Internet education is all-encompassing [8].

The use of Internet here in our country is growing at an exponential rate. In fact, there are over a hundred ISPs all over the country providing Internet access for everyone. Figure 1.0 shows the estimated changes in the Internet usage in the Philippines [9].
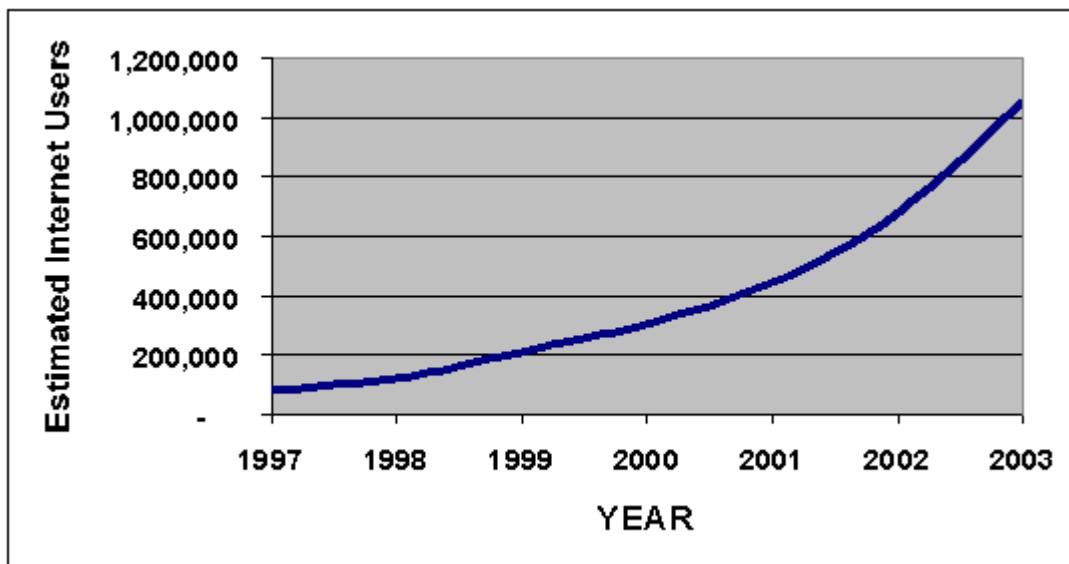


**Figure 1.0 Estimated Change in Internet Usage in the Philippines**

Internet is incontestably beneficial in almost every field, from academe to government, and especially to commercial entities present in the business society, thus marking a very great deal in the improvement of each and everyone's affairs.

There are many ways of connecting to the Internet, through broadband (cable/DSL), fixed lines, and dial-up connection. Patricia Pascual in her study entitled *SMEs and e-Commerce in Three Philippine Cities* emphasized that among the various ways of connecting to the Internet dial-up is still the most common way for Filipinos to access the Internet. In the recent analysis, out of the 72 million Filipinos, 2 million of which are Internet users, and in perspective 84% uses dial-up connection compared to the use of cable and lease line which are both 6% of the total Internet users in the country. This fact is due to economic reasons; broadband connections are irrefutably expensive [4]. With dial-up connection arise the use of Internet Prepaid cards available in the market. This Internet Prepaid cards sell to those budget-mindful customers. ISPs offer prepaid services to the majority of Internet users and because of these they have a prepaid system which handles the records of all those users using their connection. Moreover, this system makes it possible for the users to check their Internet usage/consumption; almost all of the ISPs today offer such feature.

At present, there are a lot of ISPs available in the market for the consumers to choose from. Others compete in the bandwidth they offer, others in the system's feature for the consumer's practicality. One of the ISPs at sell is the inter.net® wireless. It is a global internet service provider which is located in 42 countries including the Philippines. Its main theme is to foster international teamwork and to stay close and responsive to the customers locally. In their site the customer can buy prepaid cards online, recharge (reload) cards online, verify remaining cards, and find access number, as well as, review prices and rates [5].

Another ISP found in the market is ISP Bonanza Internet Prepaid Card. This particular ISP provides various type of prepaid cards: One Month Unlimited Access for P880, Two months Unlimited Access for only P1,500, 11- hour card with free Intenret Access from 3am-7am, 5-hour card for only P20, and 10-hour card for P60. The system also offers check usage for different types of account. They also offer a prepaid plan of P680 where they offer 6 POP mails with 2mb space [10].

Pilipino Internet Inc. also known as PILNET is the premier provider of Internet backbone and Internet service with guarantee.  Unlike most ISP's PILNET can distribute guaranteed Internet Connection to the corporate customer that requires a dependable and cost-efficient system of networking [11].  They offer web mail services as well as check usage but do not support online reloading and purchasing of internet cards.

Sky Internet is another leading ISP, its basic internet services are five email boxes, free web space, the user can also check his usage online but like PILNET it does not support online reloading and purchasing of cards but it supports gaming online for all those game addicts [12].

Evolve which is under Pacific.Net lets users check internet usage.  It does not support online reloading, as well as, online purchasing of accounts [13].

These ISPs have internet prepaid cards that can be bought in the market.  The prepaid card is the ISP's way of selling internet connection, samples of which can be found in the Appendix part.

## III. THEORETICAL FRAMEWORK

### A. Information System

Information system (IS) or data system is a system consisting of the network of all communication channels used within an organization [14].  It gathers, stores, evaluates, and propagates information for a specific purpose [15].
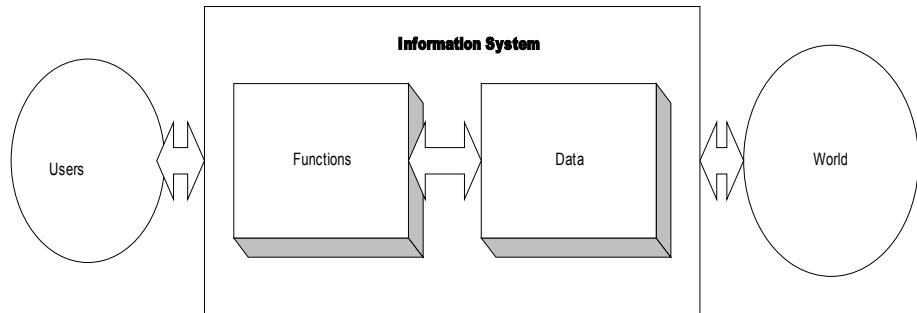


**Figure 2.0 Information System**

Figure 2.0 describe what information system comprises.

Function works n the Data.  The users interact with the data through the functions [16].  The basic components of IS are hardware, software, database, network, procedure and people [17].  Some of the key features of an Information System are:

- Provide fast and accurate transaction processing
- Provide large capacity, fast access storage
- Provide fast communications
- Reduce information overload
- Span boundaries
- Provide support for decision making
- Provide a competitive weapon

**B.      Internet**

Internet is a pool of computer networks interconnected with each other [6].  It is not owned by anyone nor is under the management of a single organization.  In fact, there are over a hundred thousand people from all parts of the world who own and operate networks for government, education, and most especially business.

The Activate report presents that the Internet has become more reachable through schools, offices, libraries and Internet Cafés, and is now an option source of information and entertainment as well as communications tool through e-mail and chat rooms [18].

There are different ways of connecting to the Internet: dial-up modem, broadband cable, Digital Subscriber Line (DSL), satellite broadband, Integrated Services Digital Network (ISDN), and T-lines.  Among these dial-up is the most prevalent since it is the cheapest and most widely available way to connect to the Internet. Its connection runs through typical phone line which almost everyone has.  Besides, dial-up connection, in terms of billing, is not tied up to a fix plans (e.g. Destiny Cable offers a P2500 plan every month).  DSL and cable modems have plans which by feedback form other Internet users is quite costly.   Cable modems, on the other hand, use the cable TV lines for connection.  This type of connection provides much faster connection compared to that of the dial-up modem.  And like the DSL it does not tie up with telephone line meaning connecting to the net will not make the telephone line busy.  DSL can boost your connection speed by as much as tenfold from a conventional dial-up modem. It operates over standard telephone lines and can be used concurrently with the telephone. In addition, there is no limit on how long the connection would take.  Satellite broadband is quite expensive since it requires a satellite dish to transmit data.  It is a resort to those people who are beyond the service area of cable and DSL.  ISDN and T-Lines, conversely, are more common for business as well as commercial use.  Usually ISPs use T-lines since T-carrier are a direct link to the Internet [19].

Transmission of data is done by chopping it into small packets which are then routed through the Internet from the user's PC to the local ISP in which it is connected.  From this setup, ISP can be a point of failure in the transmission of data.   At the point of view of the user, ISP mirrors the Internet, if the ISP is down it seems like the Internet is broken which is not the case. Actually, only a small part of the whole mesh of interconnected networks is broken which is somehow negligible.  The transmitted packets will then get into a specialized

machine called a router.  The router has a sort of map of the whole Internet which will bring the packets onto other routers.  The transmitted packets pass through different ISPs and even to Exchange Points (IX), National Access Points (NAP) or Local Access Points (LAP). Internet protocol (IP) made this possible.  As the packets arrive at the destination machine, the machine uses the service number to feed the packet to the web server.   The latter will decide whether to respond depending on the command packet's source IP address.  When the web server responds, the document will then be broken up into a number of packets and return to almost similar path to which it passed [20].

Multiple-packet transmissions are handled by two protocols.  First is the Internet Protocol (IP) is responsible for source address and destination address of the computers exchanging information over the Internet.  Another is the Transmission Control Protocol (TCP) which provides the reliability [21].

C.   **Internet Service Provider (ISP)**

Internet Service Provider is a company that provides Internet access.  It is otherwise known as Internet Access Provider (IAP) [22].   In starting an ISP, there are a number of things to consider. First is the organization that provides Internet access.  Another is a communication line connecting to the organization.  Hardware and software requirements are also taken into consideration for managing Internet communication.  And lastly is an Ethernet or dial-in line to connect other users to the gateway [23].

Berkeley Software Design Inc. (BSDI) is a commercial supplier of Internet and networking software based on the BSD version of UNIX [24].

In securing a communication line there are several options and these include voice-grade modems which can be 14,000, 19,200, and 28,000 bits per second.  Another is a 56K 'conditioned' lines, an ISDN, a T-1 'conditioned' lines or a Frame Relay.  Frame Relay is another connection method like that of 56K and T-1 links which uses a serial bit stream. Table 1.0 below provides the comparison of the different Internet connection methods used by the ISP [23].

| SCHEME | SPEED (kbits/sec) | Relative Cost |
| --- | --- | --- |
| Modems | 14.4-28.8 | Low |
| 56K Lines | 56 | Medium |
| ISDN | 120+ | Low-Medium |
| T-1 | 1,500+ | High |
| Frame Relay | 56 | Low-Medium |
| Frame Relay | 1,500+ | Medium-High |

**Table 1.0 Different Internet Connection Method used by the ISPs**

There are certain hardware requirements that an ISP should meet. First is the wire to the service provider and a CSU/DSU (short for Channel Service Unit/Data Service Unit) if Frame Relay, 56K, or T-1 lines are used. CSU/DSU is like a box that resembles a modem but is not. According to webopedia.com the CSU is a device that connects a terminal to a digital line. Typically, the two devices are packaged as a single unit. The DSU is a device that performs protective and diagnostic functions for a telecommunications line. You can think of it as a very high-powered and expensive modem. Such a device is required for both ends of a T-1 or T-3 connection, and the units at both ends must be set to the same communications standard [25]. Another hardware requirement is a router (or built-in). According to searchNetworking.com, a router is a device or, in some cases, software in a computer, that ascertains the next network point to which a packet should be forwarded toward its destination. The router is connected to at least two networks and decides which way to send each information packet based on its current understanding of the state of the networks it is connected to. A router is located at any gateway (where one network meets another), including each Internet point-of-presence. A router is often included as part of a network switch [26,27]. In addition modems and Local Network are also being considered.

If an ISP system intend to use BSDI-based Internet Gateway software there are suggested hardware that can make the system faster and more reliable:

- Communications Line
- CSU/DSU (if required)
- Router or high speed serial interface card
- PC (in 1995: 486/66 [or better] or Pentium)

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- RAM: 8MB + 1 MB * simultaneous_users
- DISK: 250MB + space for user files
- SCSI
- CDROM: SCSI-based
- SuperVGA (if desired)
- Multiport serial (if desired)
- Ethernet (if desired)
- Backup tape drive (if desired)

These are taken from Rob Kolstad's article, *Becoming an Internet Service Provider*. He also noted that a SCSI adaptor guarantees that the system will be expandable in the future and can have a wide access to a variety of community peripherals.

## D. Internet Industry in the Philippines

Dr. Rodolfo Villaraca is considered to be one of the Fathers of Internet in the Philippines. WIRED! Philippines interviewed him in celebration of the fifth year anniversary of Internet here in our country. In his interview, he said that before, communications between the IT industry and the rest of the world was primarily through costly data exchange via long distance calls or by international leased lines which according to him cost an arm and a leg. The future of Internet here in our country is promising. Dr. Villaraca said that if the Philippine Long Distance Telecommunication (PLDT) does not meter its call, the growth rate of Internet will continue at a geometric rate. He foresees the country to be highly competitive with other countries, not only in science, education and technology but also economically through the Internet [28].

## E. Prepaid System

Prepaid System is developed primarily for private users, as well as those business users aiming to have a control over expenses with beforehand set limitations [29]. In fact, there are many proprietary software available online for ISPs and the Enterprise in managing internet accounts of their users, one of which is QuickNet. QuickNet offers Command line utilities, facilities to manage pre-paid accounts (add,edit, delete, lock, unlock accounts), view usage per user, view current logged in users, auto-lockout of accounts and auto-disconnection of users, web-based interface for system administration, and web-based interface for users [30].

**F.     Billing System**

ISPs use certain software in their billing system.  Examples of which are Boardtown Corporation, JetBilling System, iBill, and many others.

**G.     Definition of terms:**

**Internet Service Provider (ISP)** – it is a company that provides access to the <u>Internet</u>. For a monthly fee, the service provider gives you a software package, username, password and access phone number. Equipped with a modem, you can then log on to the Internet and browse the World Wide Web and USENET, and send and receive e-mail.  ISP is also called Internet Access Providers [22].

**Prepaid System** – Prepaid System is developed primarily for private users, as well as those business users aiming to have a control over expenses with beforehand set limitations [29].

**Public Switched Telephone Network (PSTN) -** refers to the international telephone system based on copper wires carrying analog voice data. This is in contrast to newer telephone networks base on digital technologies, like ISDN [31]. Is the world's collection of interconnected voice-oriented public telephone networks, both commercial and government-owned. It's also referred to as the Plain Old Telephone Service (<u>POTS</u>) [32].

**Remote Access Server** - A server that is dedicated to handling users that are not on a LAN but need remote access to it. The *remote access server* allows users to gain access to files and print services on the LAN from a remote location [33].

**IV. Design and Implementation**

**A.  NETWORK SCHEMA FOR ISP.NET (Online Reloading of Internet Prepaid   Cards with Pop-Up Notification)**

The diagram shown in Figure 3.0 considers the hardware paraphernalia (ISP Router, Hub, Remote Access Server) of the ISP.NET.

For a user(s) to be able to establish a connection to the Internet and be able to transmit and receive data the user should have a telephone line and a modem.  Modem (Modulation and Demodulation) is a device that converts analog signals from the PTN (Public Telephone Network) into digital signals inside the client's PC [34].  As the user dials-up, the data sent by the modem  will go directly to the E1-R2 line of a particular telephone company., say BayanTel or PLDT, to which the RAS of the Server is also connected.   E1 R2 signaling is an international signaling standard that is common to channelized E1 networks [35].  It is under the clouds of PSTN (Public Switched Telephone Network).  PSTN, on the other hand, is the world's collection of interconnected voice-oriented public telephone networks, both commercial and government-owned [31].

One E1 is equivalent to 2Mbps.  So to be able to achieve one "digital" line or what is often called clear line, divide it by 64Kbps.  This will yield to 32 (2, 048/64).  This means that there are 32 64Kbps lines in one E1 line.  Actually 2 of those is dedicated for signaling which makes it only 30 telephone lines.  These 30 telephone lines are assigned to one pilot number in the PBX switch.  This is called trunk-hunting.  There are sequential phone numbers and one pilot number (the number used in the dial-up). So if the pilot number is dialed the hunt begins through the 30 lines and whichever is available and is not busy that particular line will answer.

R2 in the E1R2 means signaling.  It is one type of signaling.  In addition, E1R2 line is a copper wire going to the RAS of the ISP.  The RAS then divides the E1R2 line into how many modem modules there are in the particular equipment.

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The Remote Access Server is the computer and associated software that is set up to handle users seeking access to network remotely .A router forwards data packets along the network.  It is located at gateways where two networks connect [27].
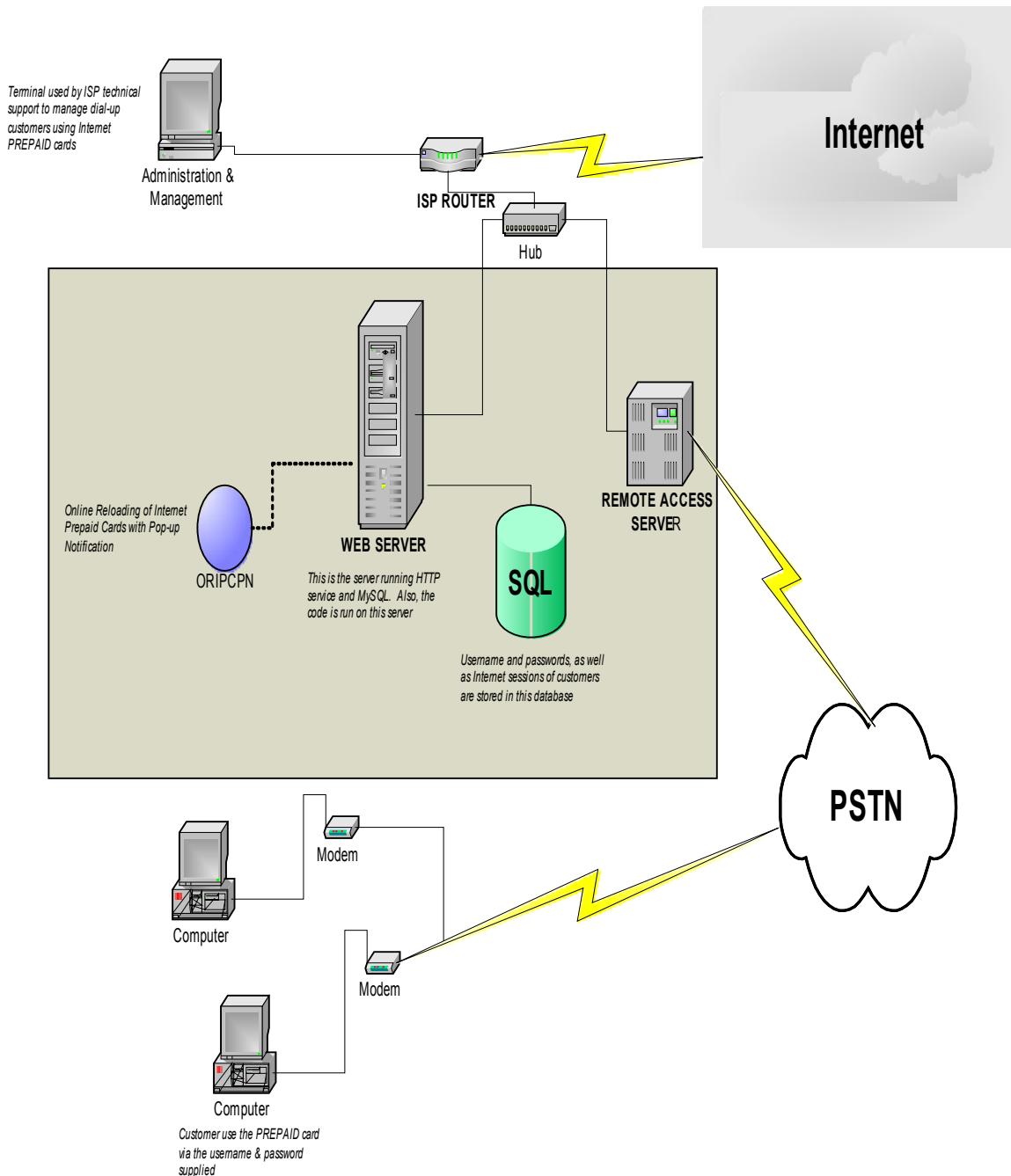


Figure 3.0 Network System Overview

## B. Entity-Relationship Diagram

The Entity-Relationship Diagram in Figure 4.0 below shows the project's entities and their association with each other. The radcheck entity is the whole collection of username and password generated by the system. This may be a consumed card, a reloaded one, or pending card. Radcheck entity has sharedhours because it can give load to other accounts. Likewise, it has radacct where the sessions are stored. Every radcheck has a usergroup and every usergroup has a radgroupcheck. The Attributes of the different tables are shown in Figure 5.0.

paymentmodes

reloadedcards

consumedcards

pending
accounts

has

sharedhours

has

radcheck

has

userprofile

usergroup

has

has

radacct

radgroupcheck
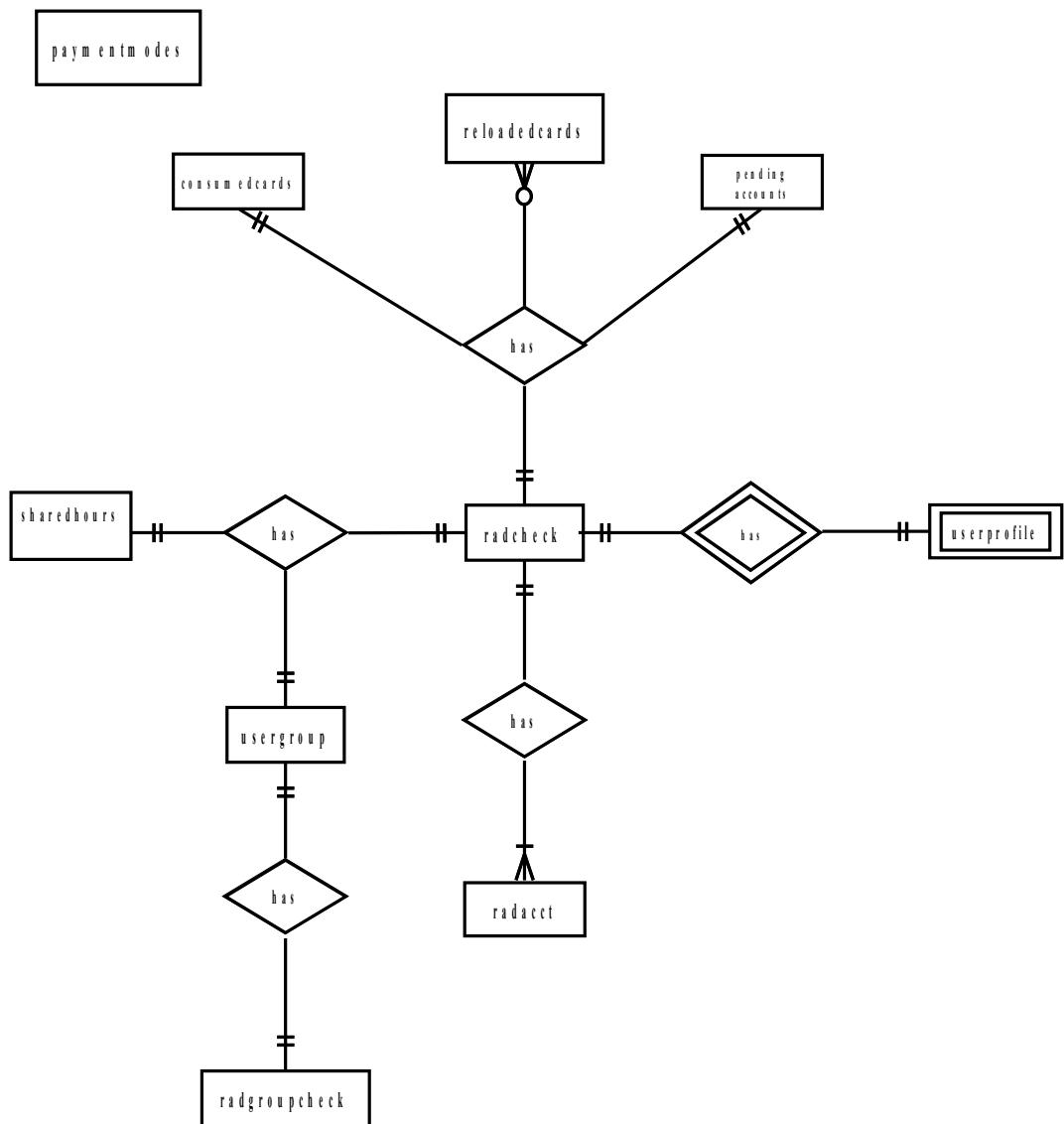
**Figure 4.0 Entity-Relationship Diagram for Online Reloading of Internet Prepaid Cards with Pop-Up Notification**

Radcheck keeps all the username and password generated by the system. This also holds personal accounts. It has four fields namely, id, the primary key, UserName, Attribute, and Value.

Radacct is the entity where sessions for each account can be found. The fields for this table are: RadAcctId, as the primary key, AcctSessionId, UserName, AcctStartTime, AcctStopTime, and AcctSessionTime.

RadgroupCheck entity is where all card types can be defined. Its fields are id, as the primary key, GroupName, Attribute and Value.

Usergroup entity defines a particular Username by its card type defined in the radgroupcheck. Its fields are id, as the primary key, UserName, GroupName, and Valid.

Userprofile entity defines or characterizes a particular username and password that has been personalized. Its entities are: UserName, firstName, lastName, middleName, address, telNo, age, gender, and occupation.

Consumecards entiy holds all consumed cards that are not personalized. Its fields are id, as the primary key, UserName, and Password.

Paymentmodes entity defines the mode of payment of the consumer/client. Its fields are paymentTypeId, as the primary key, paymentTypeName, AccountingMode, cardNumLength, and pinNumLength.

Pendingaccounts entity defines all pending accounts or those accounts bought online. Its entities are UserName and cardUsername.

## radcheck
- id
- UserName
- Attribute
- Value

## radacct
- RadAcctId
- AcctSessionId
- UserName
- AcctStartTime
- AcctStopTime
- AcctSessionTime

## radgroupcheck
- id
- GroupName
- Attribute
- Value

## usergroup
- id
- UserName
- GroupName
- Valid

## consumecards
- sessionid
- loadid
- starttime

## pendingaccounts
- UserName
- cardUsername

## paymentmodest
- paymentTypeID
- paymentTypeName
- accountingMode
- cardNumLength
- pinNumLength

## userprofile
- id
- firstName
- lastName
- middleName
- address
- telNo
- age
- gender
- occupation

## reloadedcards
- id
- UserName
- CardUserName
- CardPassword
- datereloaded

**Figure 5.0 Entities of Online Reloading of Internet Prepaid Cards with Pop-Up Notification**

## Data Dictionary

Here is the data dictionary of ISP.NET.  Most of the table have id as the primary and is auto_incremented this is just for indexing purposes.  It is also noticeable that there are table with almost the same type of field, Attribute-Value pair is used.

### consumedcards

| Field | Type | Null | Default |
|---|---|---|---|
| id | int(11) | No | |
| UserName | varchar(40) | No | |
| Password | varchar(40) | No | |

### paymentaccounts

| Field | Type | Null | Default |
|---|---|---|---|
| paymentAccountID | int(11) | No | |
| paymentTypeID | int(11) | No | 0 |
| cardNum | varchar(20) | No | |
| cardPin | varchar(4) | No | |
| cardBalance | float | No | 0 |
| cardLimit | float | No | 0 |

### paymentmodes

| Field | Type | Null | Default |
|---|---|---|---|
| paymentTypeID | int(11) | No | |
| paymentTypeName | varchar(128) | No | |
| accountingMode | enum('a', 's') | No | a |
| cardNumLength | varchar(16) | No | |
| pinNumLength | varchar(16) | No | |

### pendingaccounts

| Field | Type | Null | Default |
|---|---|---|---|
| UserName | varchar(40) | No | |
| cardUserName | varchar(40) | No | |

### radacct

| Field | Type | Null | Default |
|---|---|---|---|
| RadAcctId | bigint(21) | No | |
| AcctSessionId | varchar(32) | No | |
| UserName | varchar(32) | No | |
| Realm | varchar(30) | Yes | |
| NASIPAddress | varchar(15) | No | |
| NASPortId | int(12) | Yes | NULL |
| NASPortType | varchar(32) | Yes | NULL |
| AcctStartTime | datetime | No | 0000-00-00 00:00:00 |
| AcctStopTime | datetime | No | 0000-00-00 00:00:00 |
| AcctSessionTime | int(12) | Yes | NULL |
| AcctAuthentic | varchar(32) | Yes | NULL |

| | | | |
|---|---|---|---|
| ConnectInfo | varchar(32) | Yes | *NULL* |
| AcctInputOctets | int(12) | Yes | *NULL* |
| AcctOutputOctets | int(12) | Yes | *NULL* |
| CalledStationId | varchar(10) | No | |
| CallingStationId | varchar(10) | No | |
| AcctTerminateCause | varchar(32) | No | |
| ServiceType | varchar(32) | Yes | *NULL* |
| FramedProtocol | varchar(32) | Yes | *NULL* |
| FramedIPAddress | varchar(15) | No | |
| AcctStartDelay | int(12) | Yes | *NULL* |
| AcctStopDelay | int(12) | Yes | *NULL* |

## radcheck

| Field | Type | Null | Default |
|---|---|---|---|
| <u>id</u> | int(10) | No | |
| UserName | varchar(30) | No | |
| Attribute | varchar(30) | Yes | *NULL* |
| Value | varchar(40) | Yes | *NULL* |

## radgroupcheck

| Field | Type | Null | Default |
|---|---|---|---|
| <u>id</u> | int(10) | No | |
| GroupName | varchar(20) | No | |
| Attribute | varchar(40) | Yes | *NULL* |
| Value | varchar(40) | Yes | *NULL* |

## reloadedcards

| Field | Type | Null | Default |
|---|---|---|---|
| <u>id</u> | int(11) | No | |
| UserName | varchar(32) | No | |
| CardUserName | varchar(40) | No | |
| CardPassword | varchar(40) | No | |
| dateReloaded | timestamp(14) | Yes | *NULL* |

## sharedhours

| Field | Type | Null | Default |
|---|---|---|---|
| <u>sharedHoursID</u> | int(11) | No | |
| sourceUsername | varchar(40) | No | |
| destUsername | varchar(40) | No | |
| hoursPassed | int(11) | No | 0 |
| status | varchar(40) | No | completed |
| viewed | enum('y', 'n') | No | n |
| dateShared | timestamp(14) | Yes | *NULL* |

## usergroup

| Field | Type | Null | Default |
|---|---|---|---|
| <u>id</u> | int(10) | No | |
| UserName | varchar(30) | No | |
| GroupName | varchar(30) | Yes | *NULL* |
| Valid | enum('Y', 'N') | No | Y |

**userprofile**

| Field | Type | Null | Default |
|---|---|---|---|
| UserName | varchar(32) | No | |
| firstName | varchar(128) | Yes | *NULL* |
| lastName | varchar(128) | Yes | *NULL* |
| middleName | varchar(128) | Yes | *NULL* |
| address | text | Yes | *NULL* |
| telNo | varchar(64) | Yes | *NULL* |
| age | varchar(20) | Yes | *NULL* |
| gender | enum('M', 'F') | Yes | *NULL* |
| occupation | varchar(128) | Yes | *NULL* |

C.　　　　**Context Diagram**

The context diagram on figure 6.0 shows that the users of the system are the Clients and the Account Manager. The client can check their Internet consumption, as well as, receive a Pop-up notification if their account reaches below a critical level. Bank plays a role whenever there is reloading of accounts.
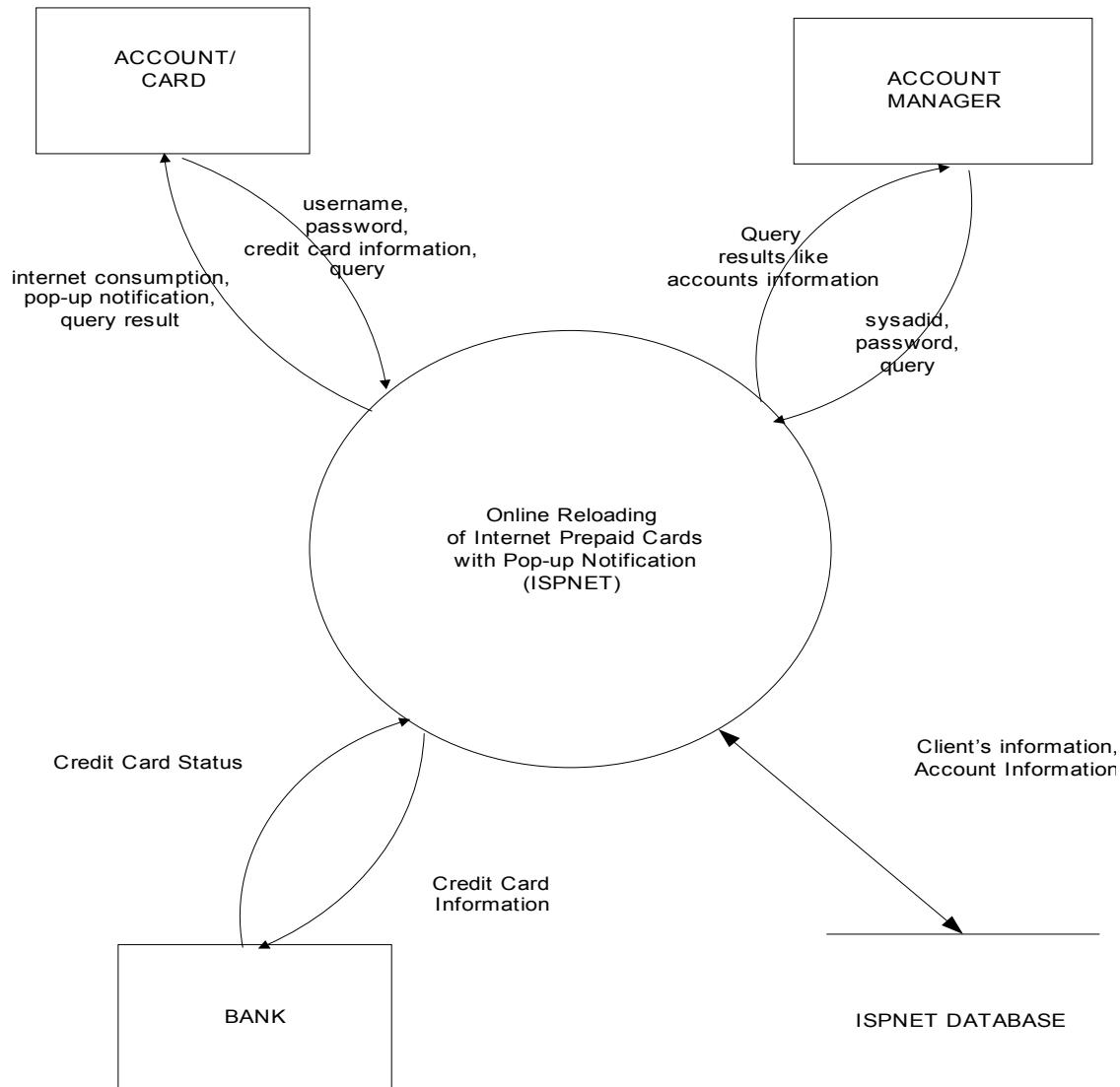
**Figure 6.0 Context Diagram of Online Reloading of Internet Prepaid Cards with Pop-up Notification**

Figure 7.0 shows the list of tables in the ISP.NET Online Reloading of Interned Prepaid Cards with Pop-Up Notification.

ISP.NET DATABASE

RADCHECK

RADACCT

RADGROUPCHECK

USERGROUP

USERPROFILE

CONSUMEDCARDS

PAYMENTMODES

PENDINGACCUNTS

PAYMENTACCOUNTS

SHAREDHOURS

RELOADEDCARDS
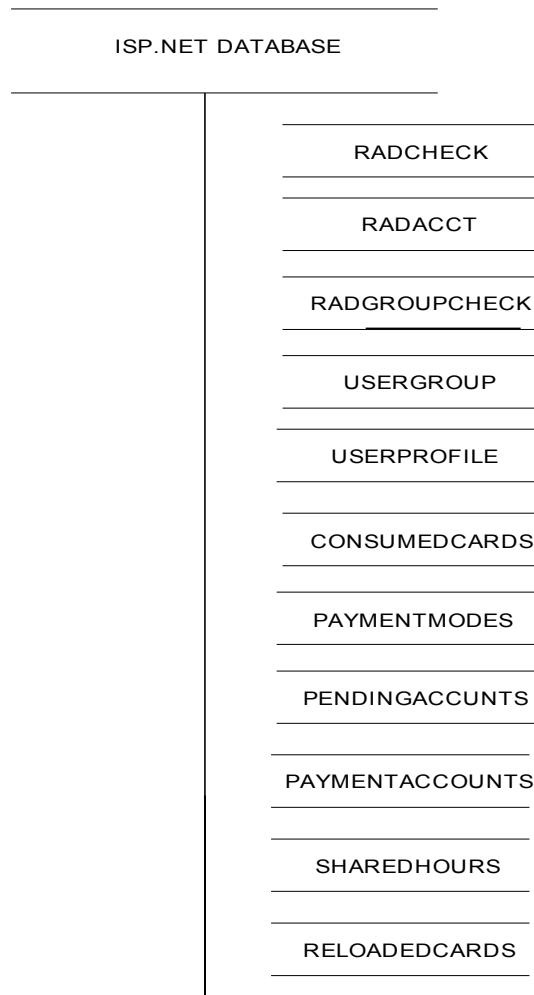
**Figure 7.0**
**Explosion of ORIPCPN Database**

## D. Data Flow

Shown below on figure 8.0 is the Top-Level Data Flow Diagram of the ORIPCPN. The main processes are : (1) register account (2)view account (3) reload account (4) download pop-up feature (5) update accounts and (6) Purchase card.
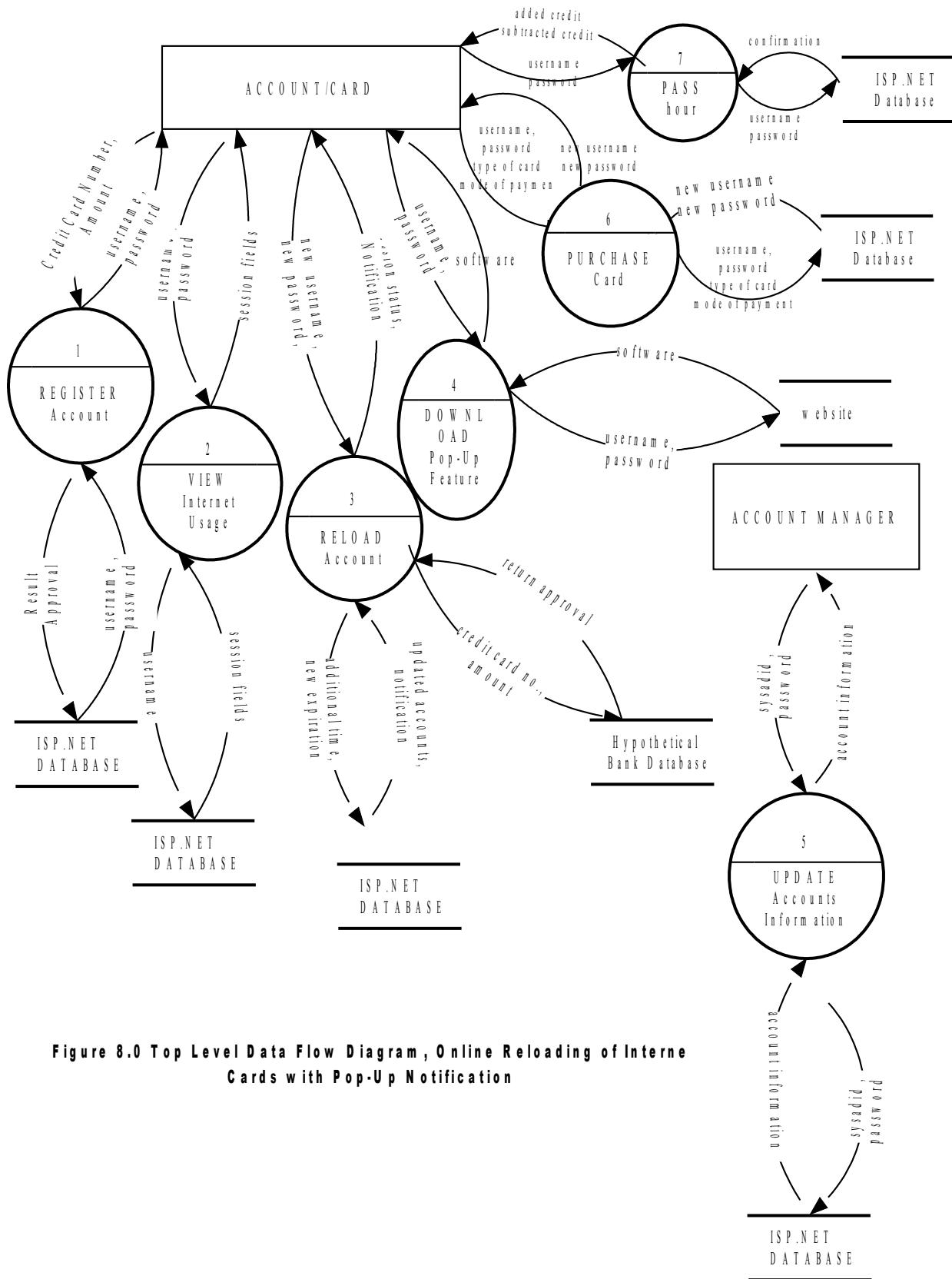
**Figure 8.0 Top Level Data Flow Diagram, Online Reloading of Interne Cards with Pop-Up Notification**

To download the exe files provided by the system one should be a member first, that is, he should register account first before downloading.  After downloading, an instruction is provided for the user to follow on how to execute such files. This is described in figure 9.0.

error message

username password

4.1
CREATE
account

personalized account

personalized account

username password

ISP.NET
DATABASE

exe files

4.3
INSTALL
exe files

installed files

error message

username password

4.2
RETRIEVE
exe file

downloaded file

username password

exe files
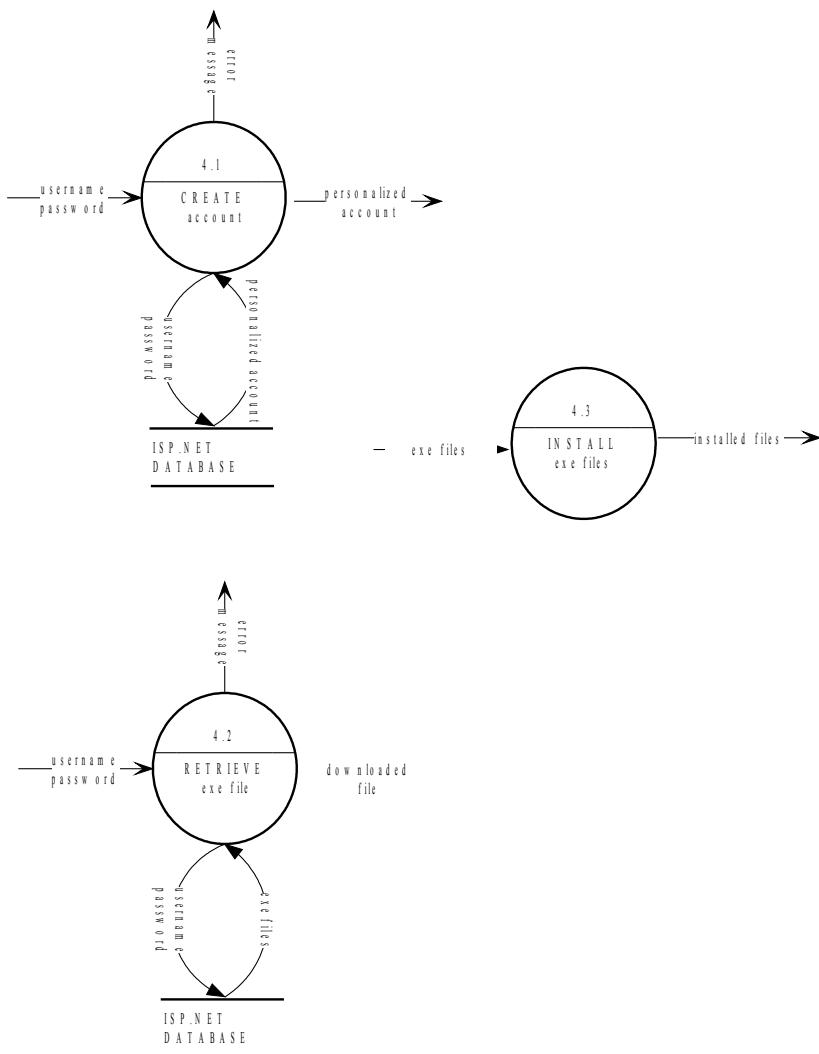
ISP.NET
DATABASE

**Figure 9.0 Sub-explosion of Process 4 (Download Pop-up feature),
ISP.NET Online Reloading of Internet Cards with Pop-Up Notification)**

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Account manager acts as the system administrator of the system. He/She can add, edit, and delete entries (Account Information). This is described in figure 5.0.
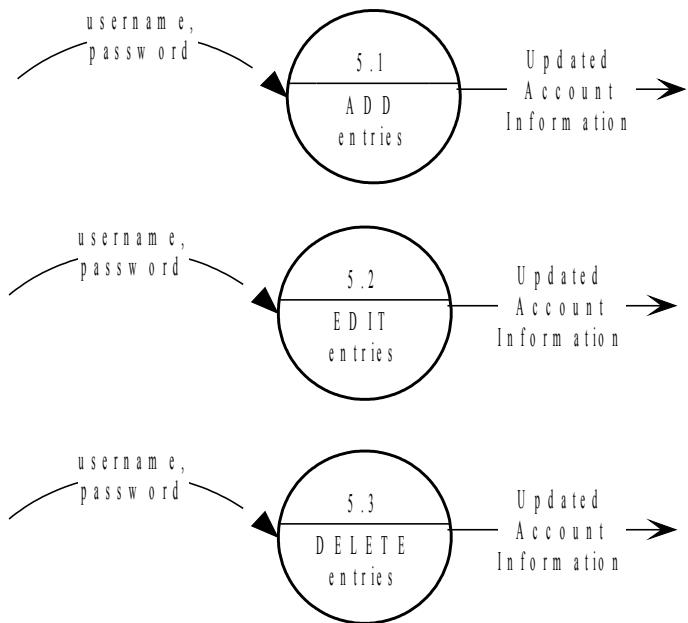


**Figure 10.0 Sub-explosion of Process 5 (Update Account Information), ISP.NET Online Reloading of Internet Cards with Pop-Up Notification)**

In purchasing accounts described in figure 11.0, the system will ask for the type of card the user wants to buy.  After choosing, the system will get the Credit Card Information of the user.  The system will have a connection to the bank for verification purposes.  If successful, the time left of the user on his account will increase depending on the amount reloaded.  In addition, the amount will be subtracted on the balance of the credit card of the user.

**6.1**

GET
Type of Card

error message

type of card

chosen type of card

type of card

return approval

ISP.NET
DATABASE

**6.3**

BUY
card

result approval

card number
pin number

new card

card number
pin number

new card

ISPNET
DATABASE

**6.2**

GET
Card
Information

result approval

mode of payment

validation

validation

mode of payment

Hypothetical
Bank
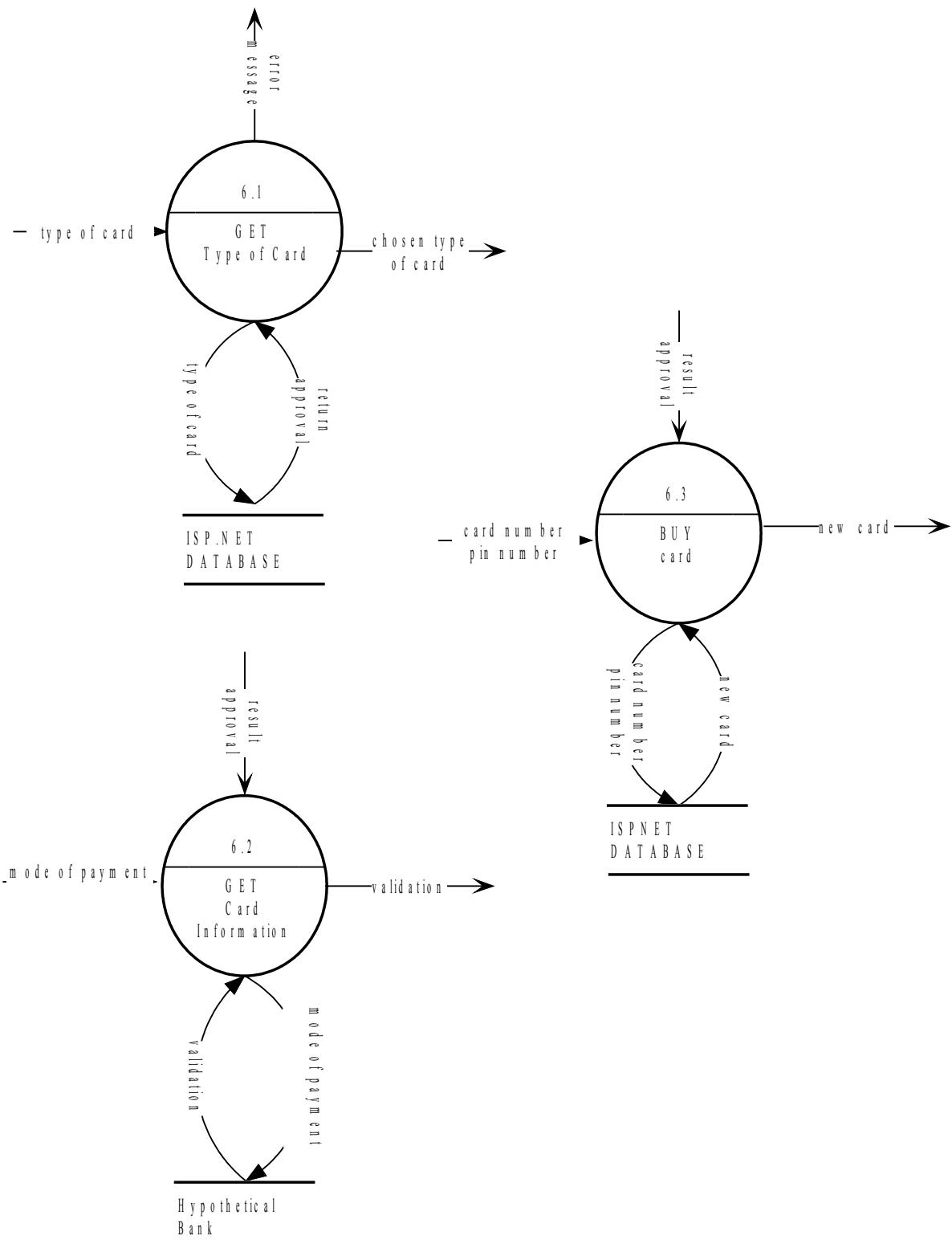
**Figure 11.0 Sub-explosion of Process 6 (Purchase Account),
ISP.NET Online Reloading of Internet Cards with Pop-Up Notification )**

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**E. Technical Architecture**

      The figure 12.0 shows the overview of the whole system.  The players are: the Linux Server, the client's computer and modem, and the bank.  The Remote Access Server is combined with the Linux Server for easy maintenance and cost-effectiveness.  Both the modem and the RAS need a telephone line in order to have a connection, which is the role of the PSTN. The server and the bank established a connection for reloading purposes.

**INTERNET**

PSTN

Internet Connection,
Pop-Up Notification

ORIPCPN &
RAS

Modem

Client's Computer

Credit Card Status

Bank
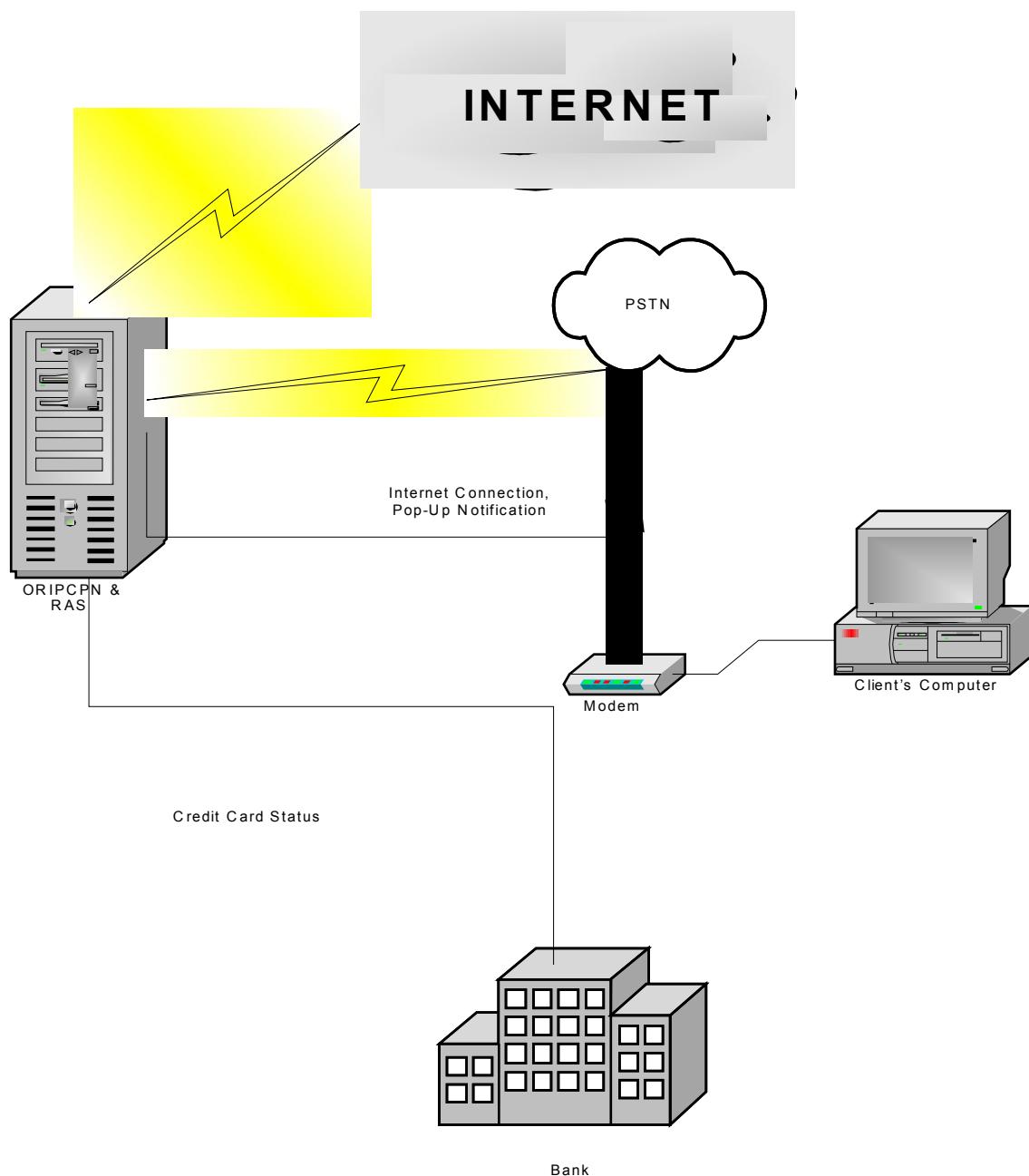
Figure 12.0 Online Reloading of Internet Prepaid Card With Pop-up
Notification

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The server machine (Linux server and RAS) should have the following specifications:

Pentium III, at least 500 MHz running in
RedHat Linux 7.1
At least 128 MB RAM and at least 500
Mb free disk space


The client machine should have the following specifications:
Pentium III, at least 500 MHz
120 Mb/500 Mb hardisk


| Server | Client |
|---|---|
| Modem at least 33 kbps | Modem at least 33 kbps |


Software

| Server | Client |
|---|---|
| RedHat Linux 7.1 or later version | Win (* or later version |
| PHP | Internet Explorer 5 or later version |
| MySQL | |
| GCC+ | |
| Apache Server | |

**V. RESULTS**

The Home Page for the ISP.NET Online Reloading System seen in figure 13.0 is the index page of the system. This is also the log-in page of ISP.NET. In this page the user can edit his account, purchase a new account, and view card types.



**Figure 13.0 Home Page for ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

The Edit Account Page is where a current user can personalize his accounts for convenience purposes (see figure 14.0).
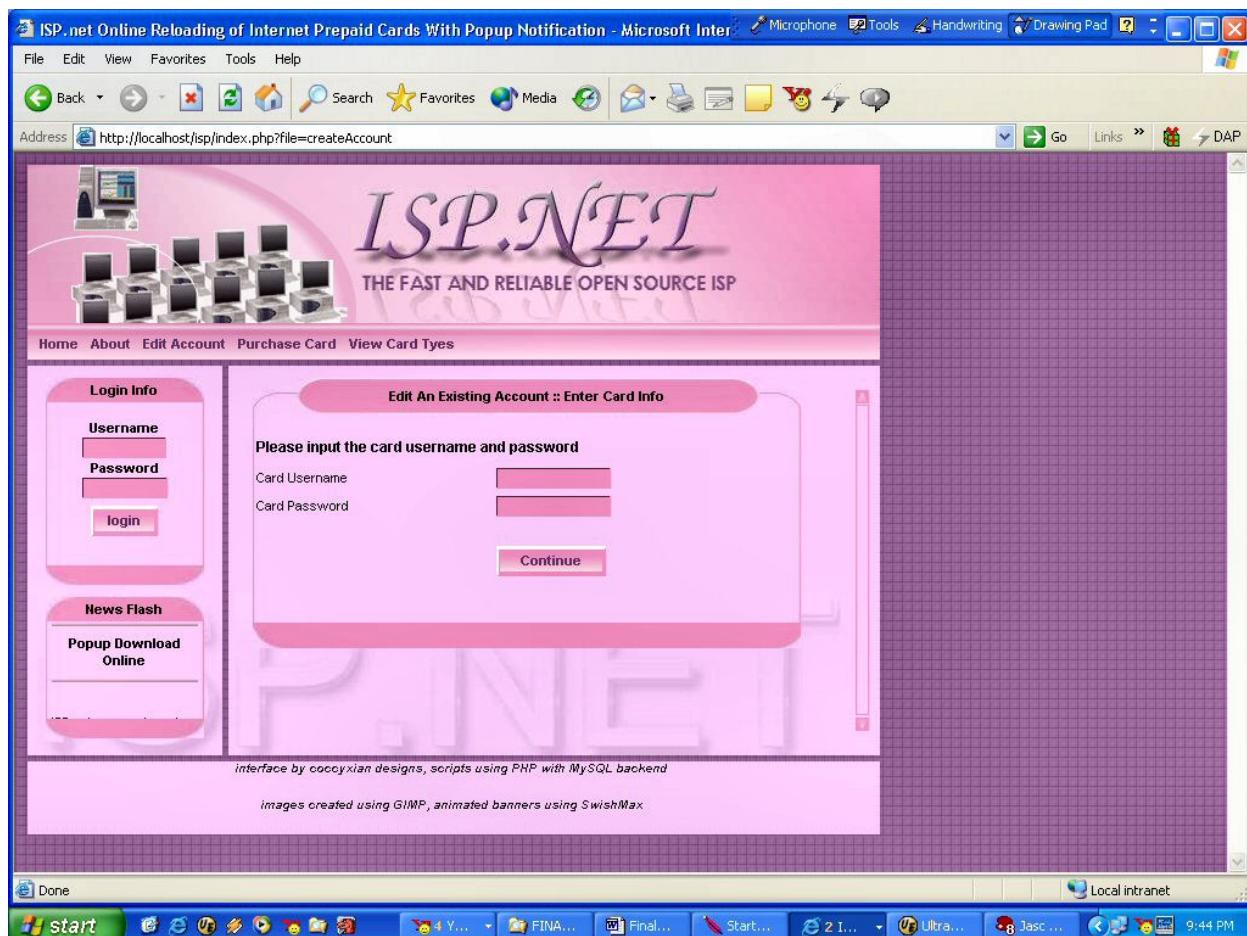
**Figure 14.0 Edit Account Page, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

The Purchase Card Page is the page where a customer can buy cards/accounts online.  This page is of four parts.  In the first part, the user chooses the type of card to buy.  In the second part, the user selects the mode of payment to be used.  The third part is where the user types in the credit card number and pin or atm number and pin

depending on the mode of payment selected. The fourth part is the confirmation of the purchased card.
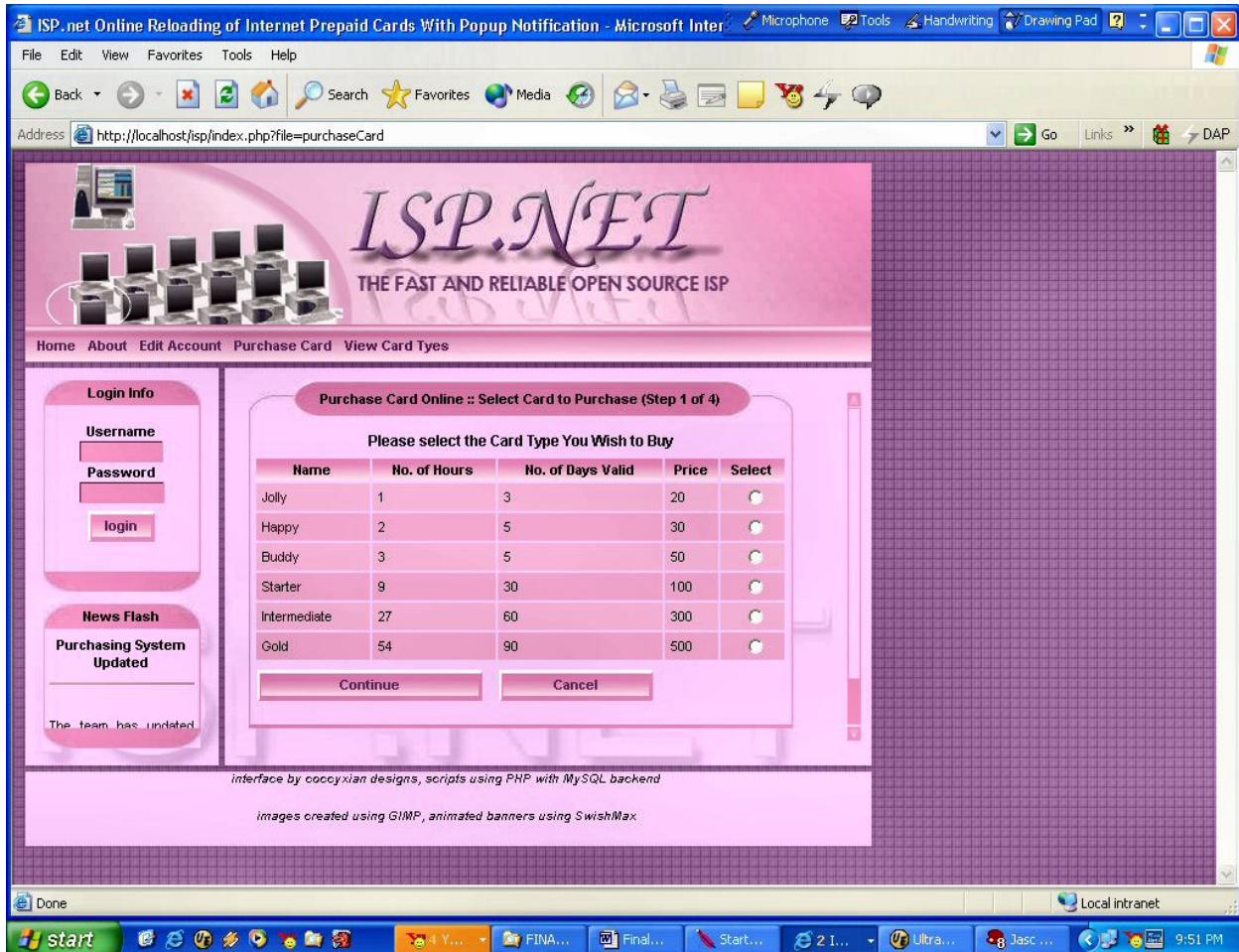


**Figure 15.0 Purchase Card Page, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

The View Card Type page is where the list of available prepaid cards can be found.  It is in table format wherein the name of the card, the number of hours it offers, the number of days valid, and the price are shown. (see figure 16.0)

**Figure 16.0 View Card Type Page, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

When a user wants to reload his/her account, he/she can click on the Reload Account link and the system will prompt him/her to the Reload Account Page as illustrated in figure 17.0.  In this page, the user will type in the username and password of the account at hand.  After submitting, the system will alert that the reloading was successful.
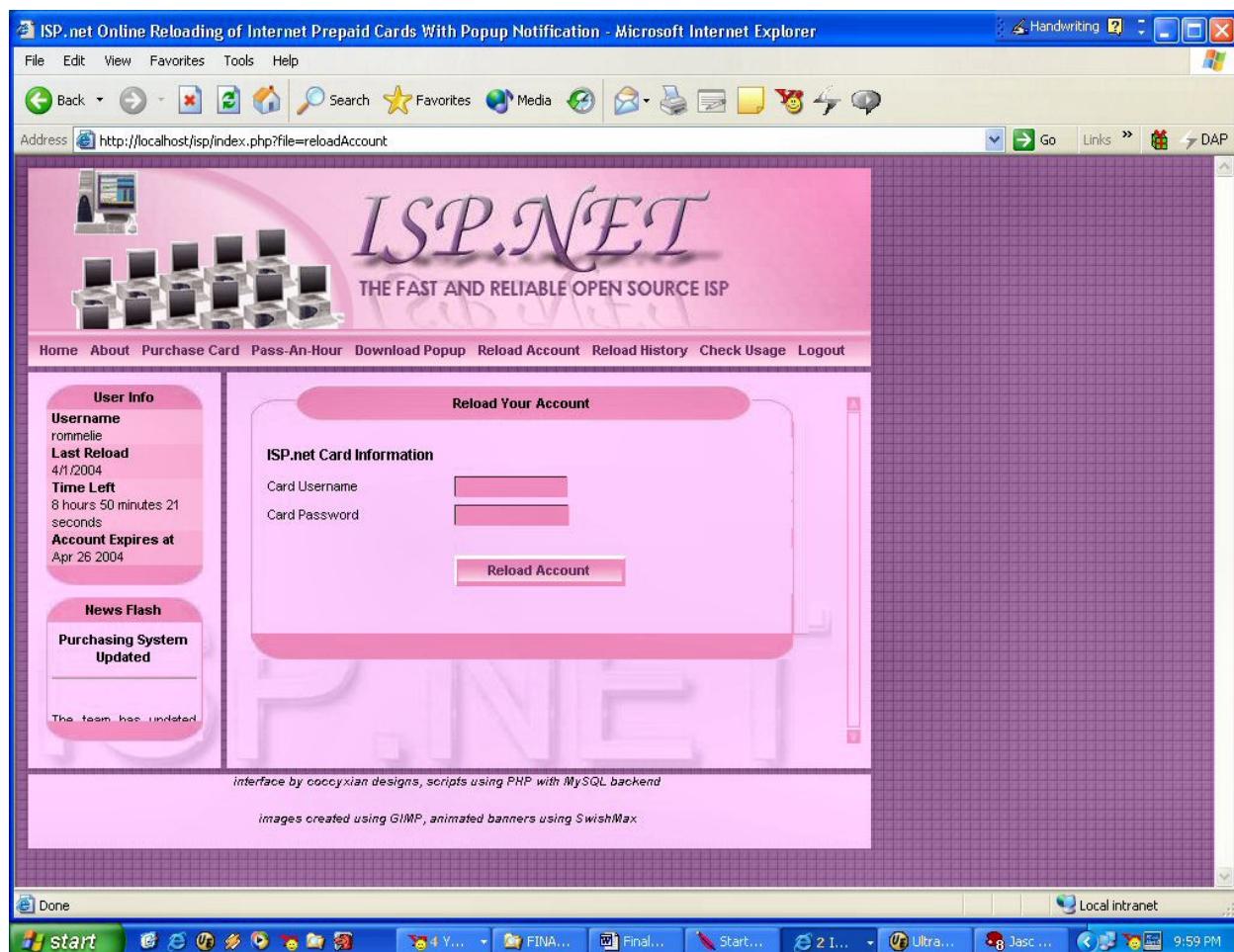
**Figure 17.0 Reloading page, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

The Reload History Page is shown in Figure 18.0.  This is where a user can view all the cards he has reloaded ever since he created an account in the ISP.NET. Additionally, a user can view his usage of the account.

**Figure 18.0 Reload History,, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

The ISP.NET user can check his internet usage through the Check Usage Page. This page shows the date of the sessions the user has made and also the session length every session. In addition to that, the user can check the price per session and the type whether it is a regular rate, free, or part of the promo rate. The user can also view his/her remaining hours in this page. (see figure 19.0)

**Figure 19.0 Check Usage Page, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

**Admin Page** as shown in figure 20.0 is where the admin can do his work like adding cards, search users, view users who are online, browse users, generate cards, browse cards, and many others.
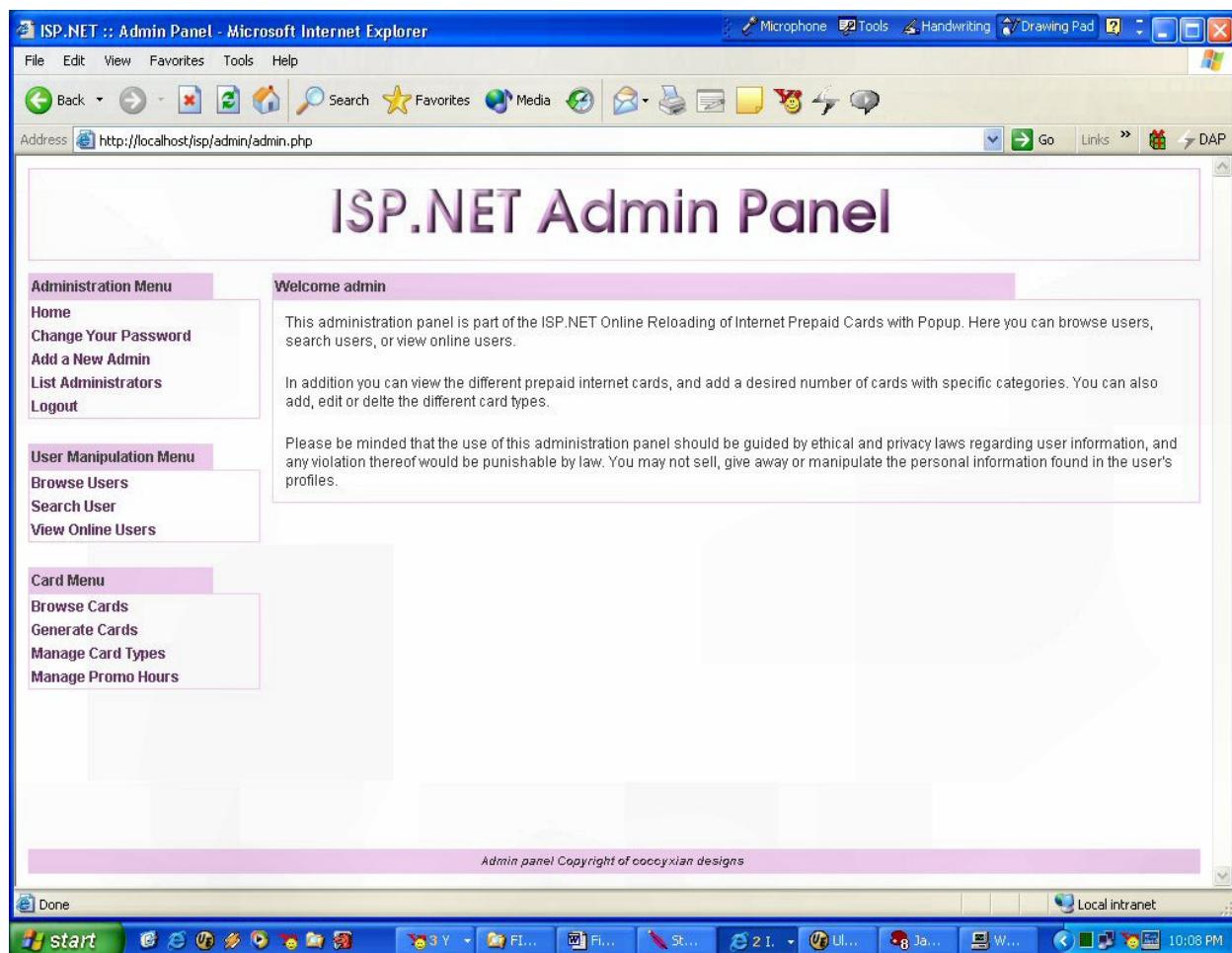
**Figure 20.0 Admin Panel Page, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

Change Password Page of the Admin Panel is where the admin can change his password as often as he wants. This is for added security in the part of the admin.
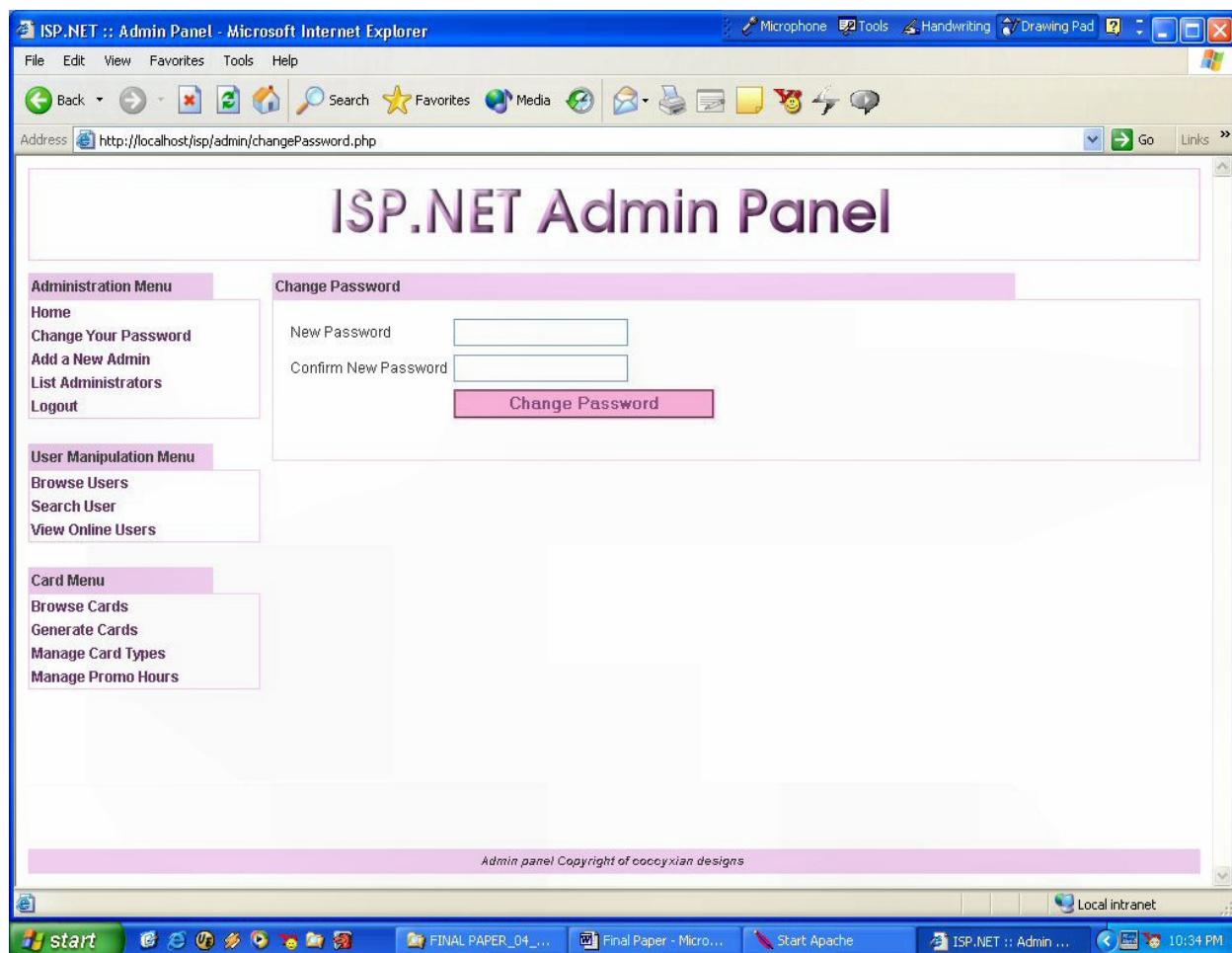
**Figure 21.0 Change Password, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

The Add Admin Page is where the admin can add another admin.  This feature is due to the fact that ISP is a big system and it is assumed that it is managed by more than one system administrator.  Since the admin is the superuser, only he can add another one. (see figure 22.0)
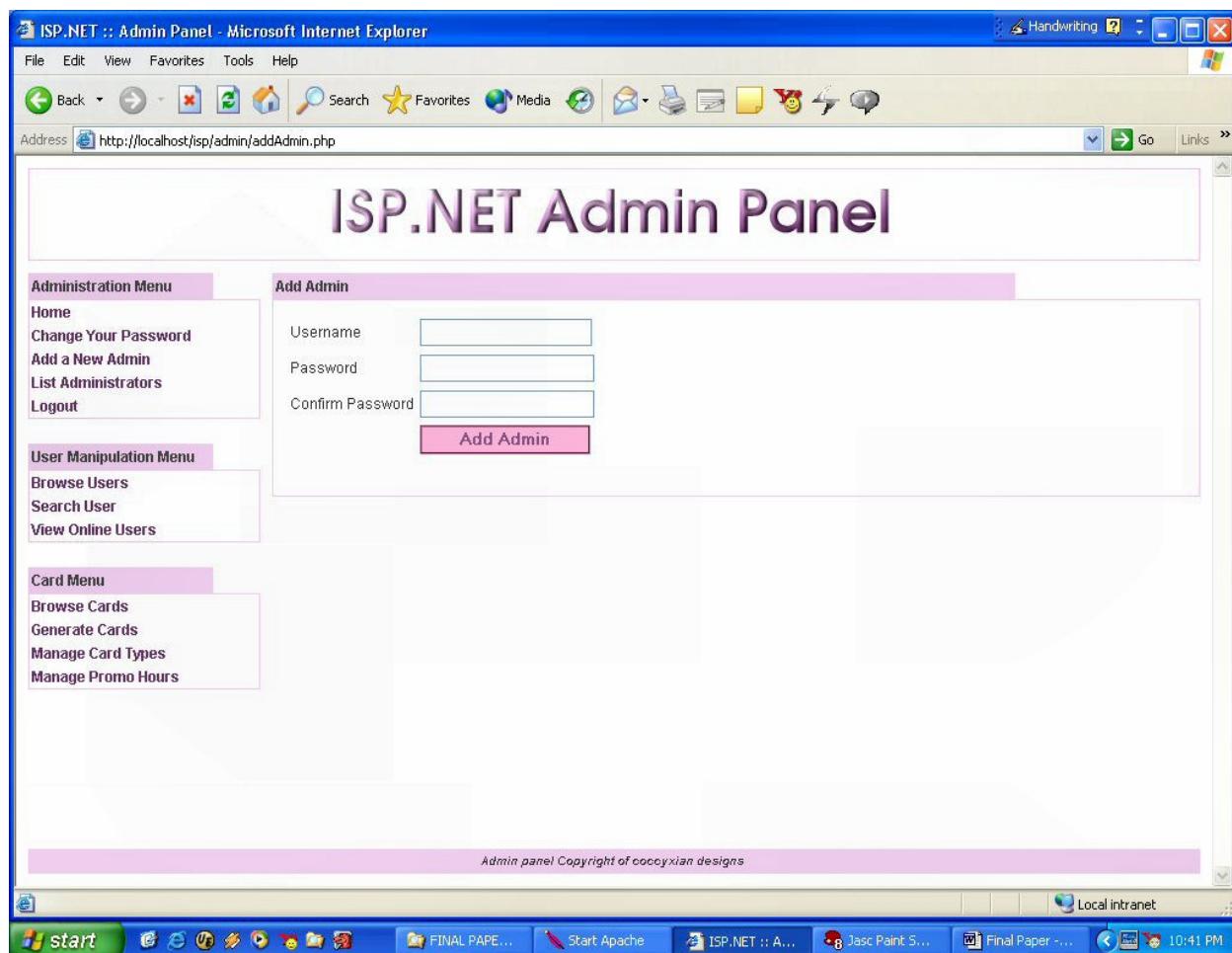
**Figure 22.0 Add Admin, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

The Browse User Page lets the admin view all the users of the ISP.NET.  He/She can also view the profile of every user. (see figure 23.0)
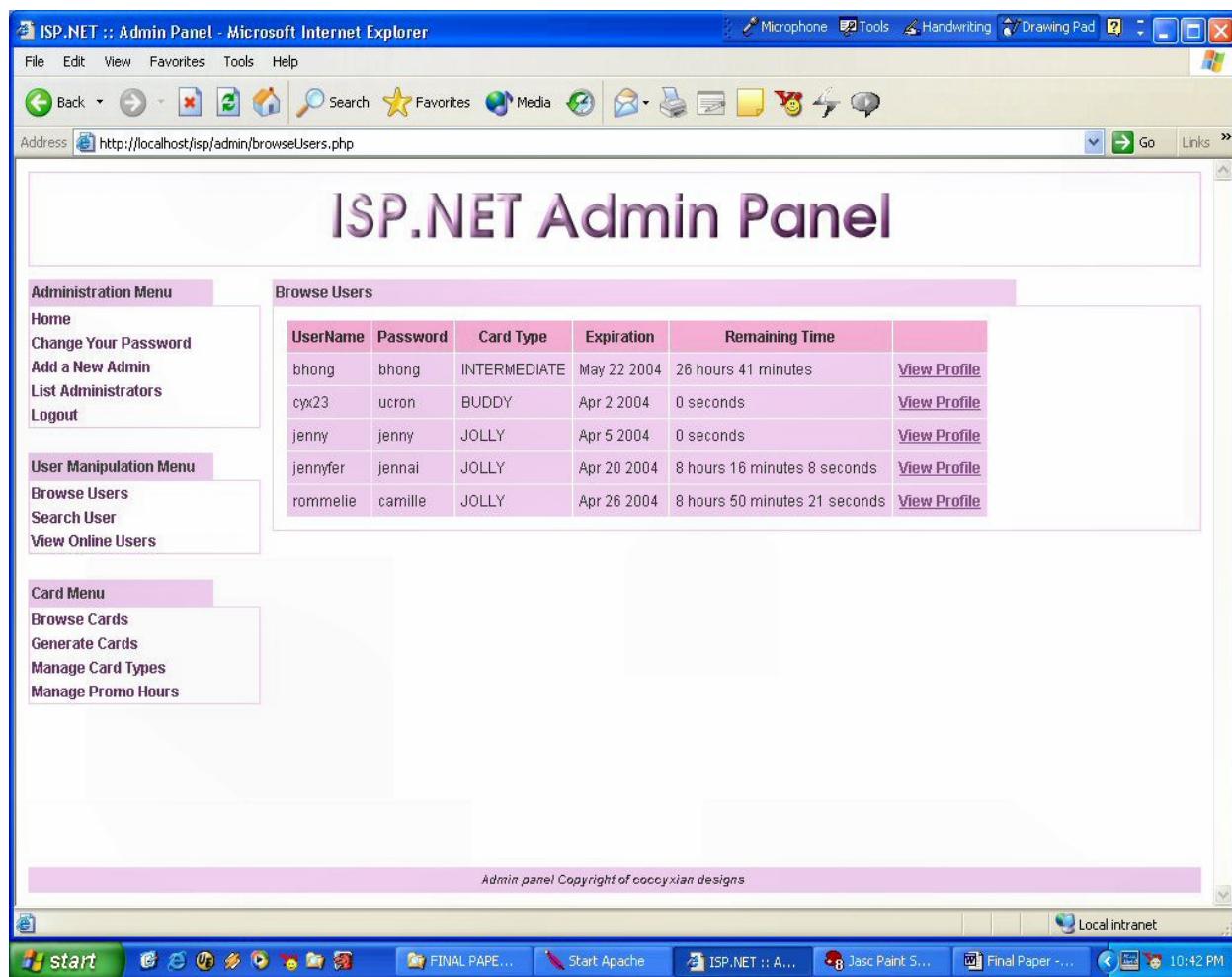
**Figure 23.0 Browse Users, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

Search User Page is for the instance where a user calls the system to ask for a lost account.  This page serves as a basis for checking if the caller's description matches with any one of the user searched. (see figure 24.0)

45
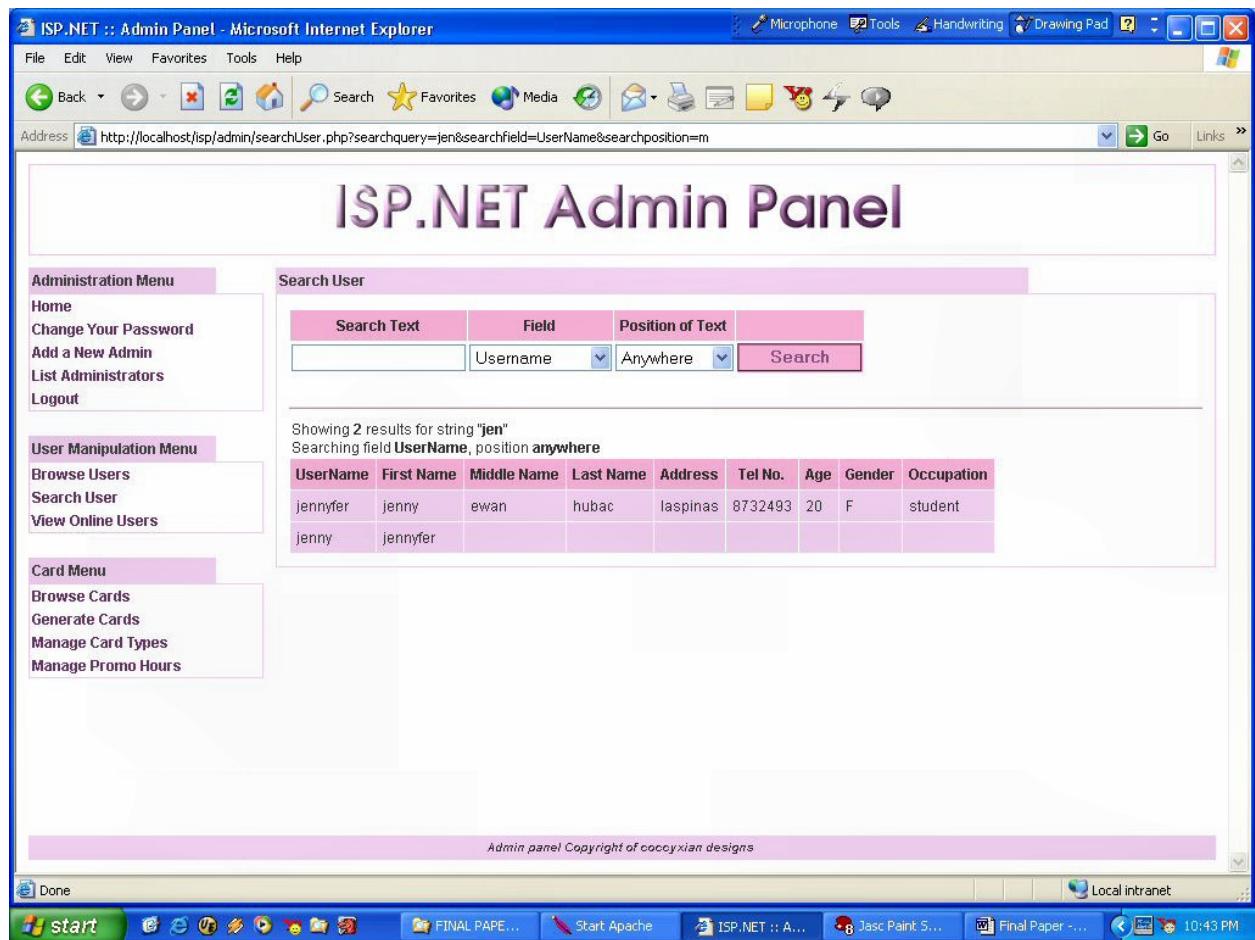
**Figure 24.0 Search Users, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

Browse Cards Page shows all the cards generated by the admin, as well as, those which are not yet personalized.(see figure 25.0)

**Figure 25.0 Browse Cards, ISP.NET Online Reloading of Internet Cards with Pop-Up Notification**

Pass-An-Hour is an added feature of the system.  In this page a customer can pass hour(s) to a particular account.  Just input the username of the account to pass hours with and the number of hours to pass. (see figure 26.0)
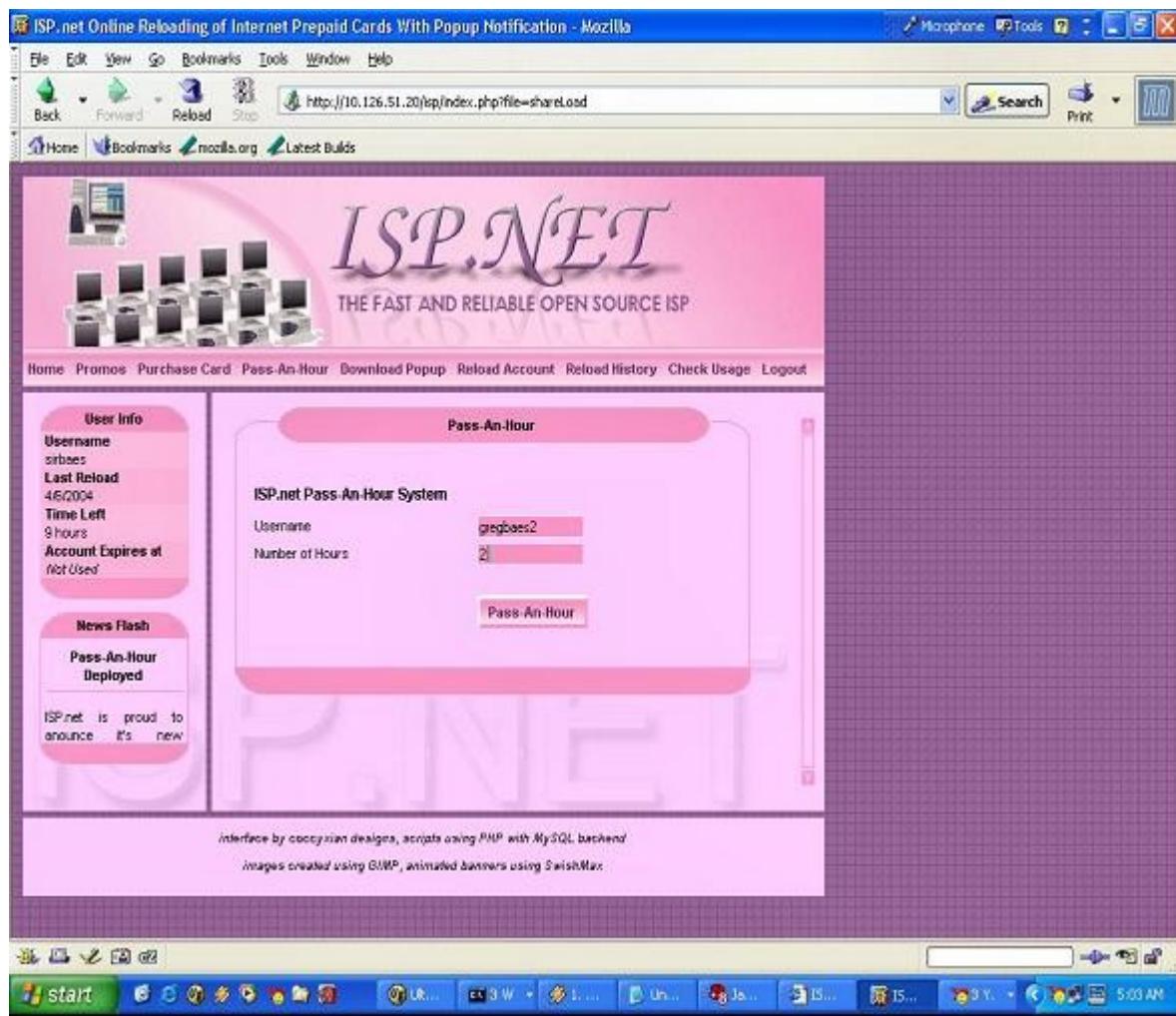
**Figure 26.0 Pass-An-Hour Page of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

After passing hour(s) the user who passed hours will be prompted by the system to the check usage page to see that his/her load was reduced by the number of hours passed. (see figure 27.0)
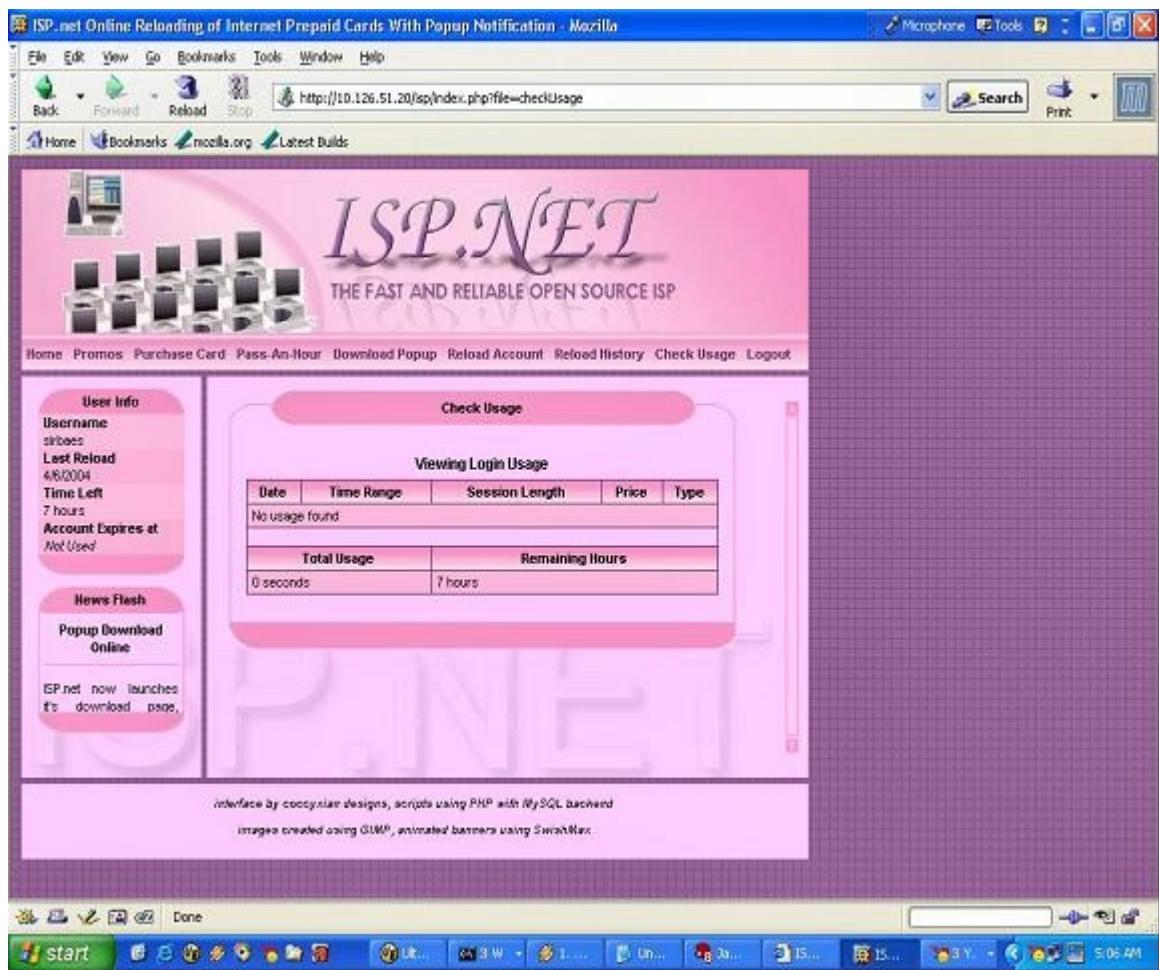
**Figure 27.0 After Passing an Hour Page of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

There is a pop-up window for the user who has received hour(s) telling that he/she has received hour(s) from somebody. (see figure 28.0)
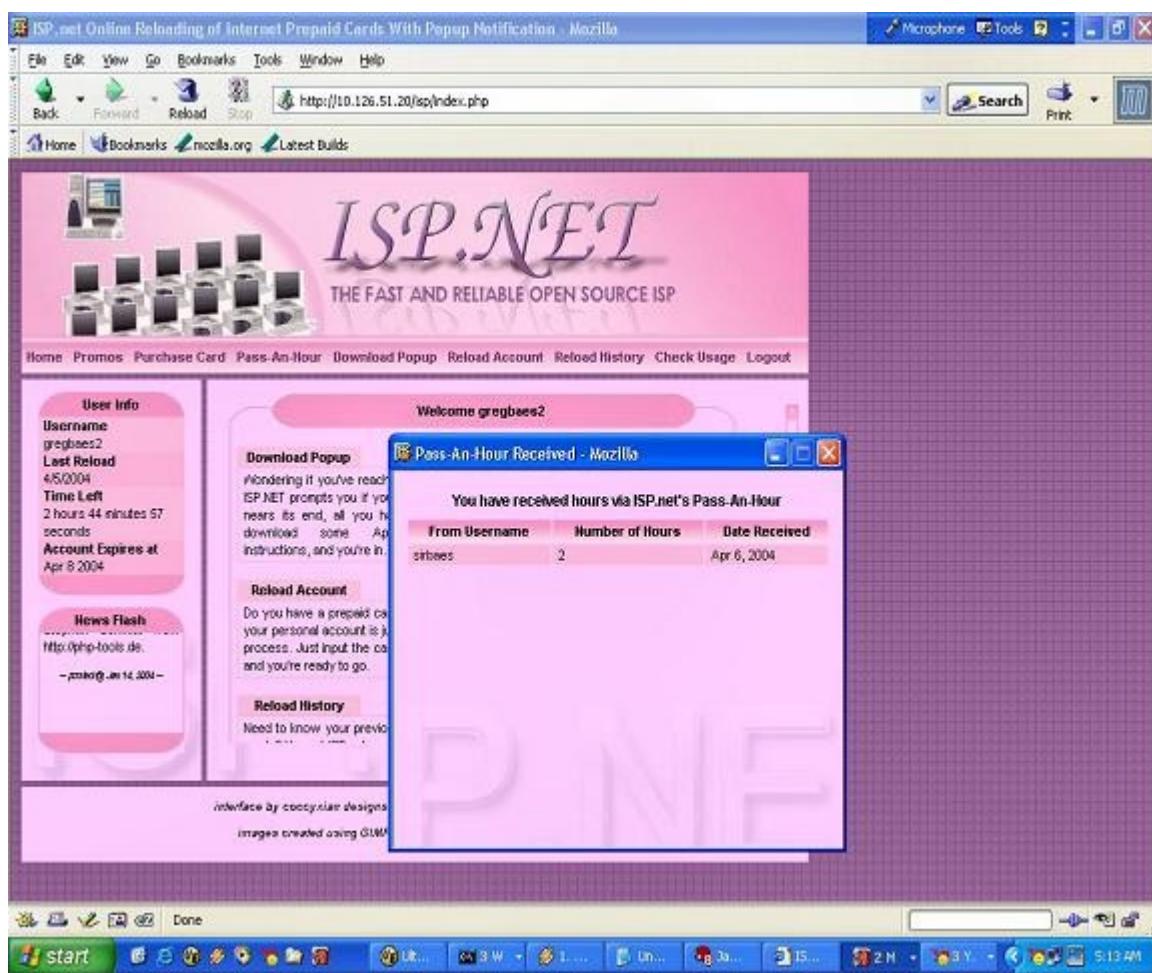


**Figure 28.0 Pass-An-Hour Pop-up window of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

This is the download page where in the user can download the exe file for the op-up notifier.(see figure 29.0)
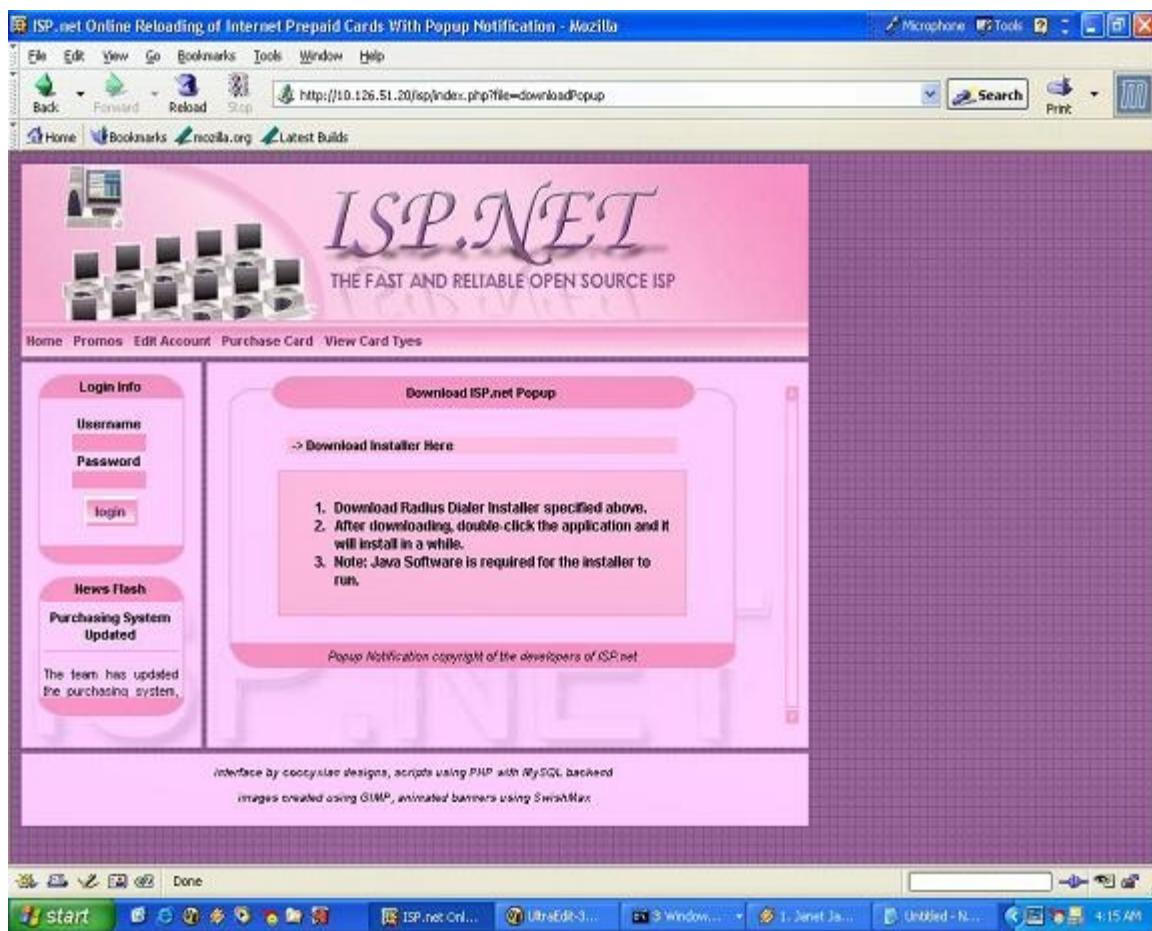


**Figure 29.0 Download Page of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

This is the page where the promo banner can be shown to tell all the users that there is promo on-going for a specified hour.(see figure 30.0)
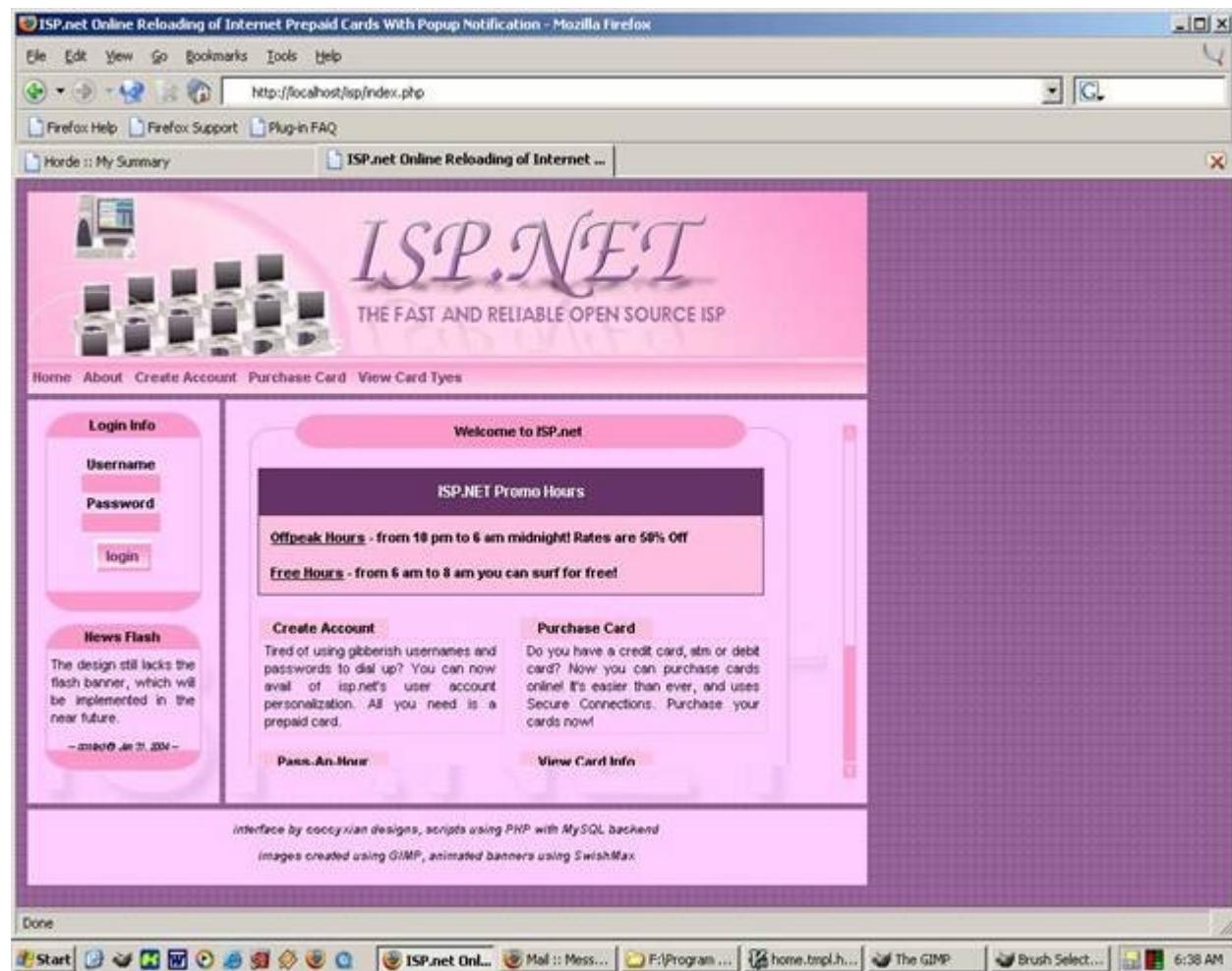


**Figure 30.0 Promo Page of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

This is the editor for the config file.  The client should specify the username and password that he/she will use in connecting to the internet. (see figure 31.0)
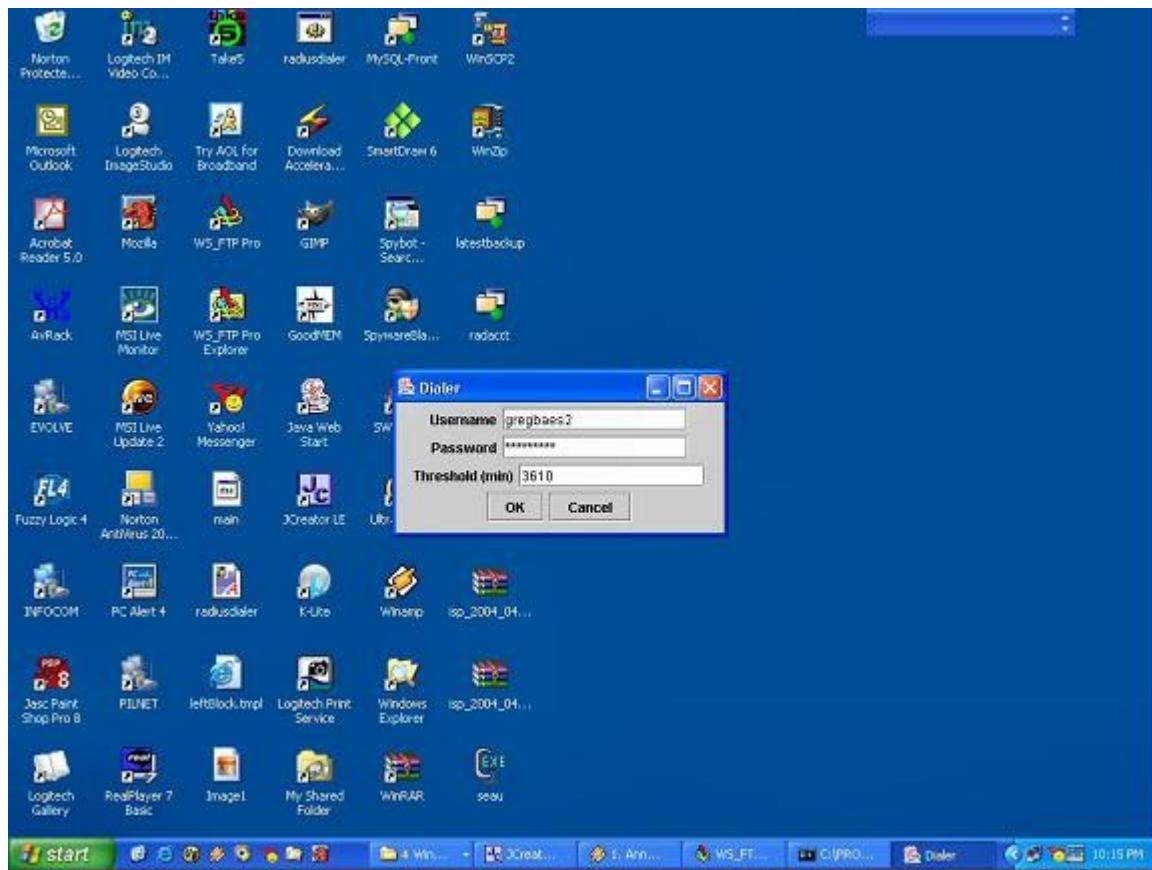


**Figure 31.0 GUI editor creating config file of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

This is the pop-up notification window.  This can be seen as soon as the the user reaches its critical limit.(see figure 32.0)
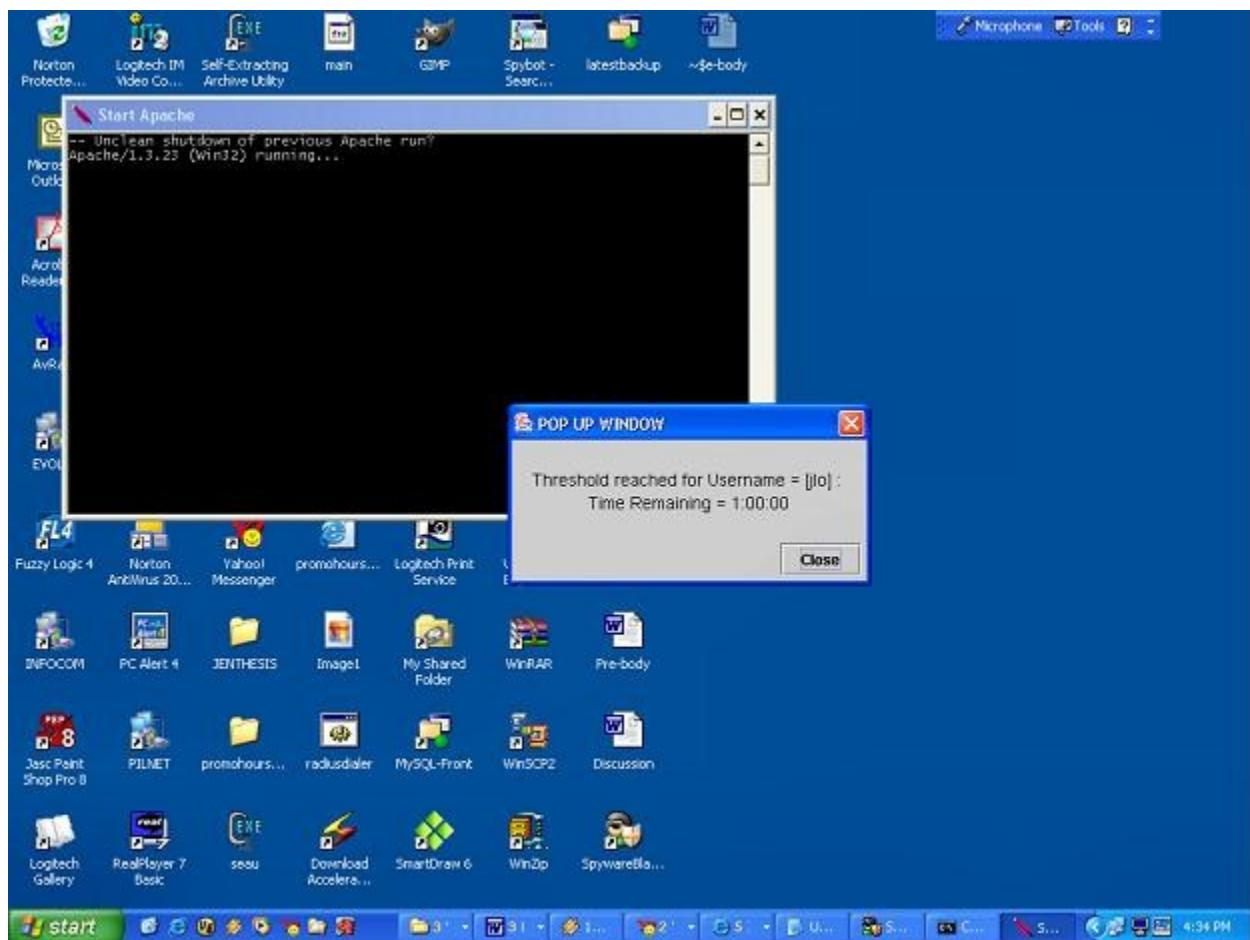


**Figure 32.0 Pop-up notification window of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

This is the manage promo hour page.  In here the admin can specify the promo rates and period. (see figure 33.0)



**Figure 33.0 Manage Promo Hours of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

This is the Manage Bank Page. This is where the admin can add bank that is valid for purchasing cards online. (see figure 34.0)



**Figure 34.0 Manage Bank of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

List Admin Page shows the current system administrators of the system.(see figure 35.0)
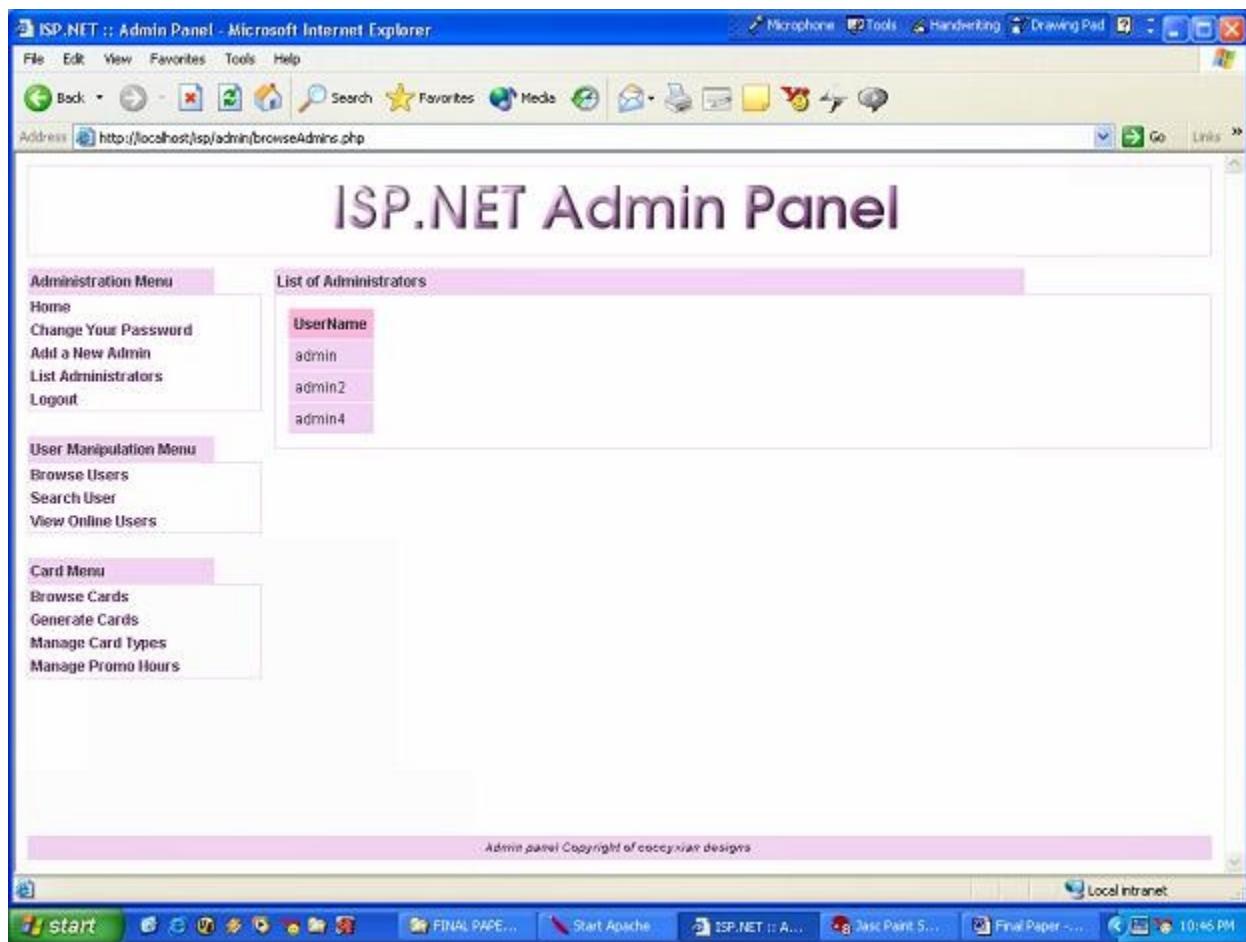


**Figure 35.0 List Admin Page of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

View Online User Page is where the admin can see all the users online in a specific time upon checking.(see figure 36.0)
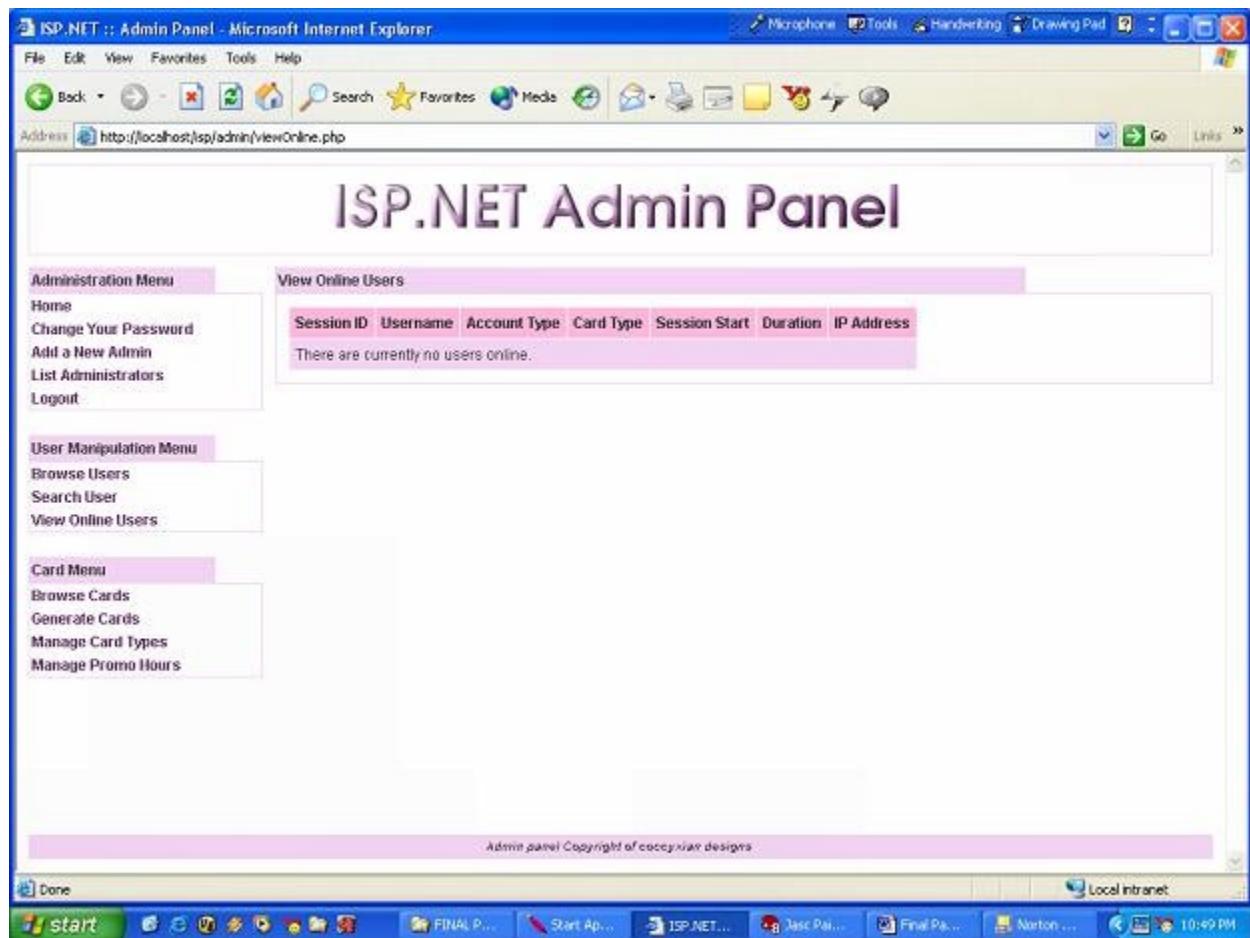


**Figure 36.0 View Online Users of the ISP.NET Online Reloading of Internet Prepaid Cards with Pop-up Notification**

**VI. DISCUSSION**

Online Reloading of Internet Prepaid Cards with Pop-Up Notification or otherwise known as ISP.NET is an Internet Service Provider that has the following features: online reloading, personalization of accounts, and pop-up notification. In addition, the users/clients can view their reload card history, can check usage, as well as, purchase card directly from the site thru Credit Cards or atm cards. This system can alert users with its pop-up feature which only few ISP can do nowadays. Its additional feature is passing of internet hours to a friend.

Online reloading of account is done by typing in the username and password of the card at hand. This is for instances where the user has bought a card in the market and wanted to reload it online. If, for example, a prospected subscriber happen to visit the site and is interested in purchasing an account, he/she will be able to do so if Credit Card is available. Purchased card can be either printed for safe-keeping or can be automatically reloaded on the same account a client used for logging-in.

Personalization of accounts is intended for the cutomers convenience, for easy recall of username and password. This is also where the user can specify his/her profile for security purposes.

Pop-up Notification is a new feature for some ISPs today, this alerts the user of his internet balance if it has reached a specified threshold. To have this feature the user should download the installer from the site. Downloading is prompted by the system as soon as an account is made or is personalized.

Pass-An-Hour is a new innovation to my system. It is the first among all the other ISPs in the market. This feature enables a user to pass hour(s) to his/her peers provided he/she has at least 2hours left of his/her account.

The Account Manager or System Administrator can view accounts. He/She can also view online users. The System Administrator can add and view cards. In addition, he/she can add, edit, and delete card types.

ISP.NET's edge among the others is it has pop-up notification, as well as, pass-an-hour feature that no other ISPs have.

**VII. CONCLUSION**

Online Reloading of Internet Prepaid Cards with Pop-Up Notification or otherwise known as ISP.NET is an Internet Service Provider that has the following features: online reloading, personalization of accounts, and pop-up notification.  In addition, the users/clients can view their reload card history, can check usage, as well as, purchase card directly from the site thru Credit Cards.  The Account Manager or System Administrator can view accounts.  He/She can also view online users.  The System Administrator can add and view cards.  In addition, he/she can add, edit, and delete card types.

## VIII.  RECOMMENDATION

The ISP.NET has a lot of features such as, passing of internet hours to a peer, enabling a client to reload internet card online, purchase a card online and check usage.  It is recommended to add additional features like e-mail support or even a forum for all those ISP.NET providers.

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## X. APPENDIX

**Understanding how Simultaneous-Use attribute works in Radius**

A lot of people who run radius servers sooner or later find out that they need to restrict multiple connections with the same login name to number N (in general number N can be any natural number, but usually N = 1).

**Why may you need to use Simultaneous-Use attribute?**

If you installed radius server for the first time or just never used this attribute, and have no idea why you may need to use this attribute, below are several examples:

example 1: You are the I.S.P. and decided to give free access for your customers (There are many reasons for this: testing new hardware, advertisement reasons, etc). You can create account name "free" with password "free" and Simultaneous-Use = 10. With these settings not more than 10 ports will be used for free access. Without this restriction your dial-in ports became used very soon for unlimited amount of time.

example 2: You sell the phone cards for $10 each and you charge your customer $1 per minute of his/her conversation. If so, your customer is allowed to talk 10 minutes at max (), but you update his/her deposit after session finishes. Person A bought your telephone card, and shared the PIN with Person B. Situation: Person A called in at 12:00 and began his/her conversation. He/she will be disconnected at 12:10 at max.Person B called in at 12:01 with the same PIN and as Person A is still talking, there is $10 on his/her deposit, so Person B is allowed to begin the conversation with 10 minutes restriction. In the worst case Person A will talk 10 minutes and Person B too. As the result when they both hang up, there will be -$10 on the deposit for their PIN. So you lost $10. If you used Simultaneous-Use attribute for PIN (as PIN is your login name), then Person B wouldn't be able to start his conversation while Person A was online.

example 3: You are the I.S.P. and sell the unlimited internet (user pays some amount of money and uses the internet at any time for unlimited amount of time during for example 1 month). If you don't restrict concurrent connections for this kind of customers, One user will pay for this service and share his/her account with unlimited number of other users, so your service will fail.

More and more examples can be discussed, but I think some reasons why you may need to use Simultaneous-Use attribute faced out. And of course, in examples above, I didn't mean that If you won't use this attribute you won't be able to solve these tasks. There also should be other techniques to get the same results so if this mechanism doesn't fit your needs, or maybe there is better way to do the same, I'll be glad to discuss it with you any time.

**How exactly does this work?**

It's time to discuss how this mechanism works. We will show how user should be configured correctly with Simultaneous-Use attribute later. For now we suppose that some user e.g. "test" is configured with Simultaneous-Use attribute equal to 1. As mentioned above, this mean that 1 concurrent connections is permitted at any moment of time.

At some point of authentication, the simultaneous-use checking is done. It contains the following steps:

1. If Simultaneous-Use attribute is defined for the entry against which user is authenticating rad_check_multi() procedure is called otherwise all other steps are skipped.
2. rad_check_multi() tries to check whether maximum count is reached using two different sources of information:

   a) login is tested against internal base (radutmp file in cistron radius, radacct table in icradius). If count (count_N below) retrieved from this base is less that specified in Simultaneous-Use attribute (simult_Max below), than check rad_check_multi returns with success, otherwise step b) is performed.

   b) login is tested against terminal server using rad_check_ts() procedure (sql_check_ts() in icradius). rad_check_ts() procedure just calls checkrad external perl script with required params. checkrad's exit code is returned to rad_check_multi(). If less then count_N number of entries are found on terminal server, than corresponding "stale" record in internal database is removed and rad_check_multi() returns with success, otherwise it returns with failure.

Note: Some less important steps (like Multi link PPP detection) are removed from the scheme above to make things clear enough.

As the result, we can see that terminal server is queried only when radius internal base contains exactly simult_Max number of entries for specified user. That means that checkrad is called only in this case.

**Checkrad**

As you have noticed checkrad script is used to make the final decision. It is called to check if user is still online for nas/port pair. Checkrad contains number of subroutines coded by different people.  Almost every subroutine is nas specific. The main part contains flow control block which calls specific subroutine according the nas type. For example, if your nas is "cisco",  checkrad is called with "cisco" as one of the arguments and cisco_snmp subroutine is called. If you use only one type of nases, you can remove all other nas specific subroutines ("can" doesn't mean "should", but it's possible). Every nas specific subroutine uses on of the protocols supported by the nas, including SNMP, FINGER, TELNET, RUSERS. SNMP is preferred, if supported. Checkrad is called with the following arguments:

1. NAS Type. Possible values are: "livingston", "cisco", "multitech", "computone", "max40xx", "max40xx_snmp", "ascend", "portslave", "tc", "pathras", "pr3000", "pr4000", "patton", "digitro", "usrhiper", "netserver", "versanet", "other". All values are clear except final one. If "other" is specified, checkrad doesn't call the subroutine and returns 1 ("dublicate") immediately.
2. Nas IP Address. Haven't checked if hostname instead of ip is permited. If yes, please check hostname is resolvable to the NAS's ip address.
3. Nas Port.
4. Username.
5. Session_id.
6. Community.

Based on this information checkrad queries nas and returns 0 if session is stale, 1 if user is still online, value more then 1 in case of any error.

As you can notice, sixth argument is needed only if SNMP protocol is used. If TELNET is used, checkrad have to retrieve username/password pair from naspasswd file additionally to its arguments. If your nas type isn't listed in the list above, then probably you have to modify checkrad yourself and add nas specific subroutine for your nas yourself or ask someone to do it for you. Basic steps and recommendations about how to do this are described in Troubleshooting section.

**Enabling Simultaneous-Use Attribute**

Finally, we are ready to configure Simultaneous-Use attribute for specific user/group and make it to work. Configuration for group is almost the same as for user, will describe only user's case, I hope you will be able to do the same for groups without any problem.

Let use describe 2 different situations:

1. We want to restrict user "test" for 4 simultaneous connections. Cisco router is used as the nas.

Steps to be done:

a) Check whether this type of nas is supported by checkrad (We are lucky with "cisco") and what communication protocol is used for it (In case of "cisco" SNMP is used).

b) For SNMP to work, enable SNMP server on the nas, create SNMP read community and allow SNMP access for our radius server. "somecommunity" string will be used in our example:

> *router# configure terminal*
> *router(config)# snmp-server community "somecommunity" ro*
> *router(config)# exit*

> We have enabled snmp-server, created read-only (ro) community "somecommunity" and allowed read access from any source.

c) Add nas specific info to your radius server (nas name "router", nas ip 192.168.0.1)
> for cistron:
> *echo -e "192.168.0.1\trouter\tcisco" >> /etc/raddb/naslist*
> *echo -e "192.168.0.1\tSNMP\tsomecommunity" >> /etc/raddb/naspasswd*
> *echo -e "192.168.0.1\tsomesharedsecret" >> /etc/raddb/clients*
> for icradius:
> *insert into nas values('', 'router.yourdomain', 'router', '192.168.0.1', 'cisco', 16, 'somesharedsecret', 'somecommunity', 'on');*

> Note: "ports" field in "nas" table contains value representing number of ports on specific nas. It isn't used by radius server at all.

d) Add user/group specific info to your radius server

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for cistron:

***cat << \_\_END >> /etc/raddb/users***
***test    Simultaneous-Use = 4***
    ***Service-Type = Framed-User,***
    ***Framed-Protocol = PPP***
***\_\_END***

for icradius:

***insert into radcheck values('', 'test', 'Simultaneouse-Use', 4);***
***insert into radreply values('', 'test', 'Service-Type', 'Framed-User');***
***insert into radreply values('', 'test', 'Framed-Protocol', 'PPP');***

Note: Two reply items are listed for example purposes and have nothing common with Simultaneous-Use attribute. This attribute is **check** item.

e) If step **c** was done before last radius restart  ignore this step, otherwise restart your radius server

2. We want to restrict user "test" for 4 simultaneous connections. USR Netserver is used as the nas.

Steps to be done:

a) Check whether this type of nas is supported by checkrad ("netserver" is supported as well) and what communication protocol is used for it (In case of "netserver" TELNET is used).

b) TELNET server is enabled by default on netserver. Net::Telnet perl module should be installed on radius server which is used by checkrad program for TELNET connections. Make sure it is installed.

c) Add nas specific info to your radius server (nas name "router", nas ip 192.168.0.1)

for cistron:

***echo -e "192.168.0.1\trouter\tcisco" >> /etc/raddb/naslist***
***echo -e "192.168.0.1\t!root\tnetserverpassword" >> /etc/raddb/naspasswd***
***echo -e "192.168.0.1\tsomesharedsecret" >> /etc/raddb/clients***

for icradius:

***insert into nas values('', 'router.yourdomain', 'router', '192.168.0.1', 'netserver', 16, 'somesharedsecret', '', 'off');***

Note: "ports" field in "nas" table contains value representing number of ports on specific nas. It isn't  used by radius server at all.

d) Add user/group specific info to your radius server

for cistron:

***cat << \_\_END >> /etc/raddb/users***
***test    Simultaneous-Use = 4***
    ***Service-Type = Framed-User,***
    ***Framed-Protocol = PPP***
***\_\_END***

for icradius:

***insert into radcheck values('', 'test', 'Simultaneouse-Use', 4);***

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*insert into radreply values('', 'test', 'Service-Type', 'Framed-User');*
*insert into radreply values('', 'test', 'Framed-Protocol', 'PPP');*

Note: Two reply items are listed for example purposes and have nothing common with Simultaneous-Use attribute. This attribute is **check** item.

e) If step **c** was done before last radius restart  ignore this step, otherwise restart your radius server

If you find out that your nas type isn't supported on step **a**, you wont be able to configure "Simultaneous-Use" feature with standard checkrad script. Refer to Troubleshooting section for more information.

That's all. If you have done your configuration exectly the way described above, Simultaneous-Use feature is turned on for user/group and working.

## Troubleshooting

Some times I spent a lot of time finding out why something that is configured as described in manuals and should work, doesn't. If you read this section because your configuration process failed at some point, for example because your nas type isn't supported by checkrad, you are on a right way. I'll try to pay your attention on most common problems. You have to make sure you run recent software. Common problems:

a) Your nas type is supported by checkrad, SNMP is not used for data retrieval from nas, instead other protocol like TELNET is used, but simultaneous-use still doesn't work.

If checkrad is unable to find required module for the nas it won't be able to do it's job. For example if TELNET protocol is used for data retrieval, make sure Net::Telnet module is installed.

b) Your nas type is supported by checkrad, SNMP is used for data retrieval from nas, but simultaneous-use still doesn't work.

To retrieve data from your nas via SNMP protocol checkrad does the following:

Checks for SNMP_Session, BER, SNMP_util (icradius only) perl modules on your system. If they are found checkrad uses them to query your nas. If not, checkrad uses snmpget/snmpwalk external programs for this task. If none of them are installed on your radius server, checkrad won't work for you. First two perl modules can be found here. I can't find the homepage for SNMP_util so please search for this module yourself in case of need. snmpget/snmpwalk external programs are included in UCD-SNMP or NET-SNMP packages. They can be found accordingly here and here. You are advised to install perl modules. If you have installed UCD-SNMP or NET-SNMP package on your system please pay attention to the following: These two packages use different command line syntax and unfortunately the following command valid for UCD-SNMP doesn't work with NET-SNMP:

**snmpwalk 192.168.0.1 "somecommunity" "system"**

As far as I know checkrad uses UCD-SNMP syntax to query nases so if you have NET-SNMP installed, probably checkrad will fail. In this case you have to look for the correct syntax in your NET-SNMP's manuals and modify snmpget_prog() subroutine accordingly.

1. Make sure communities match on nas and radius configuration

2. Make sure nas is accessible from your radius server through SNMP. For this reason you can use snmpget/snmpwalk programs from UCD-SNMP package like this:

**_snmpwalk 192.168.0.1 "somecommunity" "system"_**

where 192.168.0.1 is ip address of your nas, "somecommunity" is community string, system is objectid (use it as is)

You should get information like this:
```
...
system.sysDescr.0 = bla bla bla
system.sysUpTime.0 = Timeticks: (280696) 0:46:46.96
system.sysContact.0 =
system.sysName.0 = router
...
```
If output contains responses "No response", "Connection timeout" or something like them, then you have to fix this first. If snmpwalk is unable to retrieve data via SNMP, checkrad won't be able to retrieve it either.

3. Make sure OID in appropriate subroutine is correct for you nas. Say, you use some type of nas. There are several versions of software released for it, and very often new versions of software aren't fully backward compatible with previous ones. So, there is a chance that programmer who  coded the subroutine, that worked for him and other people using the same version of software, wont work for you. Don't be surprised if objects referenced by OID used for your nas type, doesn't exists in the SNMP table of your nas at all. In this case you have to find appropriate OID if possible.

c) Your nas type isn't supported by checkrad.
You have to add appropriate subroutine for you nas or ask someone to do it for you. Adding additional subroutine in most cases isn't difficult at all.  First decide which protocol should be used for data retrieval. If you have appropriate OID and SNMP is supported you can use SNMP. If not, most nases let you trace online sessions through CLI. If this is the case and you use TELNET protocol to connect to your nas for CLI, then you can use TELNET + CLI scheme for data retrieval. And so on. After you decided which protocol to use, look through checkrad script and see how similar subroutine is coded for another nas types.

**Tasks of this article**

This article was created to encourage people who had spent a lot of time enabling Simultaneous-Use feature and for some reason failed to achieve the desired result. I'll be glad to receive your questions/suggestions/corrections at wrath <at> geo <dot> net <dot> ge


George Chelidze

Last Updated: 20.03.2004

SOURCE:

http://wrath.geoweb.ge/simult.html

SAMPLE INTERNET PREPAID CARDS

P1,500.00
Unlimited Access for
**60** days

11 Hours*
P80.00
*With FREE ACCESS:
3am-7am

P880.00
Unlimited Access for
**30** days.

## SOURCE CODES

about.php
```
<?php displayBodyContent("AboutInfo");?>
```

checkExpiration.php
```
<?php
include ("config.php");
include ("include/dbConnect.php");
include ("include/functions.php");
include ("include/radDbFunc.php");
include ("include/siteConfig.php");
$query="SELECT * FROM radcheck WHERE
Attribute='Expiration'AND Value='';";
$result=mysql_query($query, $dbConnection);
while ($row = mysql_fetch_object ($result))
{$GroupName=radusergroupGet($row-
>UserName);
$Duration=radgroupcheckGetAttribute($GroupNa
me, "Expiration");
$FirstSession=radacctFirstSession($row-
>UserName);
if($FirstSession)
{$expiration=date($config['expiryDateFormat'],
($Duration*86400)+$FirstSession);
echo $expiration;radcheckUpdateAttribute($row-
>UserName, "Expiration", $expiration);
echo "<br/>".$FirstSession; echo "<br/>".
$GroupName; echo "<br/>".$Duration; echo
"<br/>".$row->UserName;}}?>
```

checkExpired.php
```
<?php
include ("config.php");
include ("include/dbConnect.php");
include ("include/functions.php");
include ("include/radDbFunc.php");
include ("include/siteConfig.php");
$query="SELECT * FROM radcheck WHERE
Attribute='Expiration'AND Value !='';";
$result=mysql_query ($query, $dbConnection);
while ($row = mysql_fetch_object ($result))
{if (strtotime($row->Value) < mktime())
{$totalSessionTime =
radacctGetSessionTime($row->UserName);
$user=$row->UserName;
$totalTimeQuery="UPDATE radcheck SET
Value='$totalSessionTime'WHERE
UserName='$user'AND
Attribute='Total-Time-Limit'";$totalTimeResult =
mysql_query ($totalTimeQuery,
$dbConnection);}}?>
```

checkPendingAccounts.php
```
<?php
include ("config.php");
include ("include/dbConnect.php");
include ("include/functions.php");
include ("include/radDbFunc.php");
include ("include/siteConfig.php");
$query="SELECT * FROM pendingAccount";
```

```
$result=mysql_query($query, $dbConnection);
while ($row = mysql_fetch_object ($result))
{if (radacctUserOnline($row->cardUserName)==
false)
{$remainingTime = radcheckGetTime($row-
>cardUserName);
echo $remainingTime; radcheckUpdateTime
($row->UserName, $remainingTime);
reloadedCardsPut ($row->UserName, $row-
>cardUserName, radcheckGetAttribute($row-
>cardUserName, "Password"));
$deleteResult=mysql_query ("DELETE FROM
pendingAccount WHERE UserName='$row-
>UserName'AND
cardUserName='$row->cardUserName'",
$dbConnection);}}?>
```

checkSessionRates.php
```
<?php
include ("config.php");
include ("include/dbConnect.php");
include ("include/functions.php");
include ("include/radDbFunc.php");
include ("include/siteConfig.php");
include ("include/sessionRateFunc.php");
$currentDate=date ("Y-m-d H:i:s", mktime());
$sessionRatesQuery="SELECT
UNIX_TIMESTAMP(lastDateRun) AS
_lastDateRun,UNIX_TIMESTAMP(startDateEffective)
AS

_startDateEffective,
UNIX_TIMESTAMP(endDateEffective) AS
_endDateEffective, TIME_TO_SEC(startTime) AS

_startTime,TIME_TO_SEC(stopTime) AS
_stopTime,sessionRate,sessionRateType FROM
sessionRates;";
$sessionRatesResult=mysql_query
($sessionRatesQuery, $dbConnection);
while ($rowRates =
mysql_fetch_object($sessionRatesResult))
{$sessionRates[$rowRates-
>sessionRateType]=array("lastDateRun"=>$rowR
ates-
>_lastDateRun,"startDateEffective"=>$rowRates-
>_sta

rtDateEffective,"endDateEffective"=>$rowRates-
>_endDateEffective,"startTime"=>$rowRates-
>_startTime,"stopTime"=>$rowRates->_s

topTime,"sessionRate"=>$rowRates-
>sessionRate,"sessionRateType"=>$rowRates-
>sessionRateType);}
$offPeakRates=$sessionRates["OFFPEAK"];
$freeRates=$sessionRates["FREE"];
$recentRunDate=$freeRates['lastDateRun'];
```

```php
$radAcctQuery="SELECT
RadAcctId,AcctSessionId,UserName,
UNIX_TIMESTAMP(AcctStartTime) AS

_AcctStartTime,UNIX_TIMESTAMP(AcctStopTime)
AS
_AcctStopTime,TIME_TO_SEC(TIME_FORMAT(AcctSt
artTime, '%H:%i:%s')) AS

_startTime,TIME_TO_SEC(TIME_FORMAT(AcctStopTi
me, '%H:%i:%s')) AS _stopTime,AcctSessionTime
FROM radacct WHERE AcctStopTime !=

0   AND   UNIX_TIMESTAMP(AcctStartTime)   >=
$recentRunDate;";echo $radAcctQuery;
$radAcctResult=
   mysql_query($radAcctQuery, $dbConnection);
while   ($row   =   mysql_fetch_object
($radAcctResult))
{if   (radcheckGetType($row->UserName)   ==
"personal")
{echo
"<br>***********************************************
**********************<br>";
print_r($row);
echo "<hr size=1>";
if   (sessionWithinPeriod($row->_AcctStartTime,
$freeRates)   ||   sessionWithinPeriod($row-
>_AcctStartTime, $offPeakRates))
{if(sessionWithinRange($row->_startTime,   $row-
>_stopTime,                      $freeRates)&&
sessionWithinRange($row->_startTime,   $row-
>_stopTime,

$offPeakRates))
{echo "<hr>session  within  range  of  free  and
offpeak";
$freeRateIntersection                        =
sessionGetIntersection($row->_startTime,   $row-
>_stopTime, $freeRates);
echo                "<hr>Free                Rate
intersection<br>";print_r($freeRateIntersection);
$offPeakRateIntersection                     =
sessionGetIntersection($row->_startTime,   $row-
>_stopTime, $offPeakRates);
echo "<hr>Offpeak Rate intersection<br>";
print_r($offPeakRateIntersection);
if            ($freeRates['startTime']            <
$offfPeakRates['startTime'])
{$firstRates = $freeRates;
$secondRates = $offPeakRates;}
else
{$firstRates   =   $offPeakRates;$secondRates   =
$freeRates;}
$firstRateIntersection                        =
sessionGetIntersection($row->_startTime,   $row-
>_stopTime, $firstRates);
sessionInsertEntry($firstRateIntersection,   $row,
$firstRates['sessionRate'],
nameFormat($firstRates['sessionRateType']));
$firstRateDifference = sessionGetDifference($row-
>_startTime, $row->_stopTime, $firstRates);
if (count($firstRateDifference) == 4)
{sessionInsertEntry($firstRateDifference, $row, 1,
"Regular");
$firstRateLeftover=      array      ("startTime"=>
$firstRateDifference['startTime2'], "stopTime" =>

$firstRateDifference['stopTime2']);}

else {$firstRateLeftover = $firstRateDifference;}
$secondRateIntersection                      =
sessionGetIntersection($firstRateLeftover['startTim
e'], $firstRateLeftover['stopTime'],

$secondRates);sessionInsertEntry($secondRateInt
ersection, $row, $secondRates['sessionRate'],

nameFormat($secondRates['sessionRateType']));
echo "<h1>displaying First Rate Leftover:</h1>";
print_r($firstRateLeftover);
echo "<h1>displaying Seconds Rate:</h1>";
print_r($secondRates);
echo                $firstRateLeftover['startTime'].
$firstRateLeftover['stopTime'];
$secondRateDifference                         =
sessionGetDifference($firstRateLeftover['startTime
'], $firstRateLeftover['stopTime'], $secondRates);
echo "<H1>DISPLAY SECOND RATE DIFFERENCE :
</h1>";
print_r($secondRateDifference);
sessionInsertEntry($secondRateDifference,   $row,
1, "Regular");
if (count($secondRateDifference) == 4){
sessionInsertEntry(array("startTime"=>$secondRa
teDifference['startTime2'],
"stopTime"=>$secondRateDifference['stopTime2']
),

$row, 1, "Regular");}}
else   if   (sessionWithinRange($row->_startTime,
$row->_stopTime, $freeRates))
{echo "<hr>session within range of free";
$freeRateIntersection                        =
sessionGetIntersection($row->_startTime,   $row-
>_stopTime, $freeRates);
echo                "<hr>Free                Rate
intersection<br>";print_r($freeRateIntersection);
$freeRateDifference = sessionGetDifference($row-
>_startTime, $row->_stopTime, $freeRates);
echo                "<hr>Free                Rate
Difference";print_r($freeRateDifference);
sessionInsertEntry($freeRateIntersection,   $row,
$freeRates['sessionRate'], "Free");
if ($freeRateDifference)
{if (count($freeRateDifference) ==2)
{sessionInsertEntry($freeRateDifference, $row, 1,
"Regular");}
else if (count($freeRateDifference) == 4)
{sessionInsertEntry($freeRateDifference, $row, 1,
"Regular");
sessionInsertEntry(array("startTime"=>$freeRate
Difference["startTime2"],
"stopTime"=>$freeRateDifference["stopTime2"]),
$row,

1, "Regular");}}}
else   if   (sessionWithinRange($row->_startTime,
$row->_stopTime, $offPeakRates)){
echo  "<hr>session  within  range  of  offpeak";
$offPeakRateIntersection                     =
sessionGetIntersection($row->_startTime,

$row->_stopTime,                $offPeakRates);echo
"<hr>Offpeak                                    Rate
intersection<br>";print_r($offPeakRateIntersection
);
```

```php
$offPeakRateDifference                           =
sessionGetDifference($row->_startTime,      $row-
>_stopTime, $offPeakRates);
echo          "<hr>Off         peak         Rate
Difference";print_r($offPeakRateDifference);sessio
nInsertEntry($offPeakRateIntersection, $row,

$offPeakRates['sessionRate'], "OffPeak");
if ($offPeakRateDifference)
{if (count($offPeakRateDifference) ==2)
{echo      "about     to     insert     Offpeak
Difference";sessionInsertEntry($offPeakRateDiffere
nce, $row, 1, "Regular");}
else if (count($offPeakRateDifference)  ==  4)
{sessionInsertEntry($offPeakRateDifference, $row,
1, "Regular");
sessionInsertEntry(array("startTime"=>$offPeakRa
teDifference["startTime2"],
"stopTime"=>$offPeakRateDifference["stopTime2"
]),

$row, 1, "Regular");}}}
else{echo "<h2>inserting default entry</h2>";
sessionInsertEntry(array("startTime"=>$row-
>_startTime, "stopTime" => $row->_stopTime),
$row, 1, "Regular");}}
else{echo            "<h2>inserting         default
entry</h2>";sessionInsertEntry(array("startTime"
=>$row->_startTime, "stopTime" =>

$row->_stopTime), $row, 1, "Regular");}}}
$updateResult     =     mysql_query("UPDATE
sessionRates  SET  lastDateRun='$currentDate'",
$dbConnection);
?>


checkSharedHours.php
<?php
include ("config.php");
include ("include/dbConnect.php");
include ("include/functions.php");
include ("include/radDbFunc.php");
include ("include/siteConfig.php");
$query="SELECT  *  FROM  sharedHours  WHERE
status='pending'";
$result=mysql_query ($query, $dbConnection);
while ($row = mysql_fetch_object ($result))
{if                       (radacctUserOnline($row-
>sourceUsername)== false)
{$remainingTime     =     radcheckGetTime($row-
>sourceUsername);
if  ($remainingTime  >=($row->hoursPassed  *
3600))
{radcheckUpdateTime($row->sourceUsername,
-1*$row->hoursPassed*3600);
radcheckUpdateTime($row->destUsername, $row-
>hoursPassed*3600);
if (radcheckExpired($row->destUsername))
{radcheckUpdateAttribute($row->destUsername,
"Expiration",      date($config['expiryDateFormat'],
mktime() + 86400));}
$query1   =   "UPDATE   sharedHours   SET
status='completed'   WHERE   sharedHoursID=".
$row->sharedHoursID;
echo $query1;$result1 = mysql_query ($query1,
$dbConnection);}
else{$query2  =  "UPDATE  sharedHours  SET
status='failed'   WHERE   sharedHoursID=".$row-
>sharedHoursID;
```

```php
$result2      =      mysql_query       ($query2,
$dbConnection);}}}?>

checkUsage.php
<?php
if (!checkUserLoggedIn()){redirectLogin();}
else{
/*---------[START    GETTING    THE    SESSION
ROWS]-----------------*/
$usageQuery="SELECT
UNIX_TIMESTAMP(StartDate)    as    _StartDate,
StartTime, StopTime, SessionTime, SessionPrice,

SessionRateTypeFROM         sessionUsageParsed
WHERE           UserName=              '".
$_SESSION['username']."'ORDER             BY
UNIX_TIMESTAMP(StartDate) DESC,

StartTime DESC";
$usageResult=mysql_query        ($usageQuery,
$dbConnection);
if               ($usageRow               =
mysql_fetch_object($usageResult)){
do{$startDates[]=
date($config['expiryDateFormat'],   $usageRow-
>_StartDate);
$startTimes[]         =         substr($usageRow-
>StartTime,0,8);
$stopTimes[]         =         substr($usageRow-
>StopTime,0,8);
$sessionTimes[]          =
timeFormat($usageRow->SessionTime);
$sessionPrices[]=             round($usageRow-
>SessionPrice,2);
$sessionTypes[]        =        $usageRow-
>SessionRateType;}
while          ($usageRow               =
mysql_fetch_object($usageResult));}
else        {$tmpl->setAttribute("usageRows",
"visibility",                "hidden");$tmpl-
>setAttribute("noRow", "visibility", "visible");}
$tmpl->addVars("usageRows",

array("START_DATE"=>$startDates,"START_TIME"
=>$startTimes,"STOP_TIME"=>$stopTimes,"SESSI
ON_TIME"=>$sessionTimes,"SESSION_PRIC

E"=>$sessionPrices,"SESSION_TYPE"=>$sessionT
ypes));
/*---------[END     GETTING     THE     SESSION
ROWS]-----------------*/
/*---------[START     GETTING     THE     TOTAL
USAGE]-----------------*/
$totalUsageQuery         =         "SELECT
sum(AcctSessionTime)   as   _totalUsage   FROM
radacct          WHERE          UserName='".
$_SESSION['username']."'";
$totalUsageResult=mysql_query
($totalUsageQuery, $dbConnection);
$totalUsageRow                              =
mysql_fetch_object($totalUsageResult);
$totalHours       =       intval($totalUsageRow-
>_totalUsage/3600);
$totalMinutes = (($totalUsageRow->_totalUsage %
3600) / 60);
$totalUsage      =      timeFormat($totalUsageRow-
>_totalUsage);
/*---------[END     GETTING     THE     TOTAL
USAGE]-----------------*/
```

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```php
/*---------[START                    REMAINING
HOURS]-----------------------*/
$getRemQuery="SELECT Value  FROM radcheck
WHERE                            UserName='".
$_SESSION['username']."'AND      Attribute='Total-
Time-Limit'";
$getRemResult=mysql_query      ($getRemQuery,
$dbConnection);
$getRemRow=mysql_fetch_object
($getRemResult);
$remainingHours       =$getRemRow->Value    -
$totalUsageRow->_totalUsage ;
$remainingHours = timeFormat($remainingHours);
$tmpl->addVar("bodyContent",   "TOTAL_USAGE",
$totalUsage);
$tmpl->addVar("bodyContent",      "REM_HOURS",
$remainingHours);}?>


completedSharedHours.php
<?php
include ("config.php");
include ("include/dbConnect.php");
include ("include/functions.php");
include ("include/radDbFunc.php");
include ("include/siteConfig.php");
if                          (!$_GET){echo
"<script>window.close()</script>";}
else{?>
<html><head><title>Pass-An-Hour
Received</title><style>@import
url(main.css);</style></head>
<body                         style="background-
image:url(images/bodyline_bg.jpg);"><table>
<tr><td  colspan="3"  align="center"><h3>You
have  received  hours  via  ISP.net's  Pass-An-
Hour</h3></td></tr>
<tr><th>From  Username</th><th>Number  of
Hours</th><th>Date Received</th></tr>
<?php $user = $_GET['username'];
$query="SELECT  sourceUsername,  hoursPassed,
UNIX_TIMESTAMP(dateShared)    as    _dateShared
FROM sharedHours WHERE

status='completed'AND
destUsername='$user'AND viewed='n'";
$result=mysql_query ($query, $dbConnection);
while ($row = mysql_fetch_object ($result))
{?><tr><td            class="row1"><?=$row-
>sourceUsername?></td><td   class="row1"><?
=$row->hoursPassed?></td>
<td                         class="row1"><?
=date($config['dateFormat'],           $row-
>_dateShared)?></td></tr>
<?php}?></table></body></html><?php}
$query="UPDATE         sharedHours        SET
viewed='y'WHERE         status='completed'AND
destUsername='$user'AND viewed='n'";
$result=mysql_query ($query, $dbConnection);?>

config.php
<?php
/*----- SET DATABASE PARAMETERS HERE -----*/
$config["database"]["host"] = "localhost";
$config["database"]["user"] = "root";
$config["database"]["pass"] = "password";
$config["database"]["name"] = "radius";
define("DB_PREFIX", "ispnet");

$config["dbTable"]["AboutInfo"]              =
DB_PREFIX."AboutInfo";
$config["dbTable"]["Account"]                =
DB_PREFIX."Account";
$config["dbTable"]["Bank"] = DB_PREFIX."Bank";
$config["dbTable"]["Card"] = DB_PREFIX."Card";
$config["dbTable"]["Config"]                 =
DB_PREFIX."Config";
$config["dbTable"]["CreditRate"]             =
DB_PREFIX."CreditRate";
$config["dbTable"]["HomeContent"]            =
DB_PREFIX."HomeContent";
$config["dbTable"]["Load"] = DB_PREFIX."Load";
$config["dbTable"]["LoadType"]               =
DB_PREFIX."LoadType";
$config["dbTable"]["PromoPeriod"]            =
DB_PREFIX."PromoPeriod";
$config["dbTable"]["Session"]                =
DB_PREFIX."Session";
/*----- SET DIRECTORIES HERE -----*/
if  (file_exists("include")){$config["dir"]["include"]
= "include";}
else{$config["dir"]["include"] = "../include";}
$config["dir"]["images"] = "images";
$config["dir"]["templates"] = "templates";
/*----- SET FILENAMES HERE -----*/
$config["files"]["home"] = "home";
$config["files"]["about"] = "about";
$config["files"]["createAccount"]            =
"createAccount";
$config["files"]["reloadAccount"]            =
"reloadAccount";
$config["files"]["checkUsage"] = "checkUsage";
$config["files"]["changePassword"]           =
"changePassword";
/*----- ALTERNATIVE NAMING CONVENTIONS -----*/
$configDir = &$config["dir"];
$configDB = $config["database"];
$configFiles = &$config["files"];
$configTable = &$config["dbTable"];?>


createAccount.php
<?php
$p = &$_POST;
/* IF USER CLICK DIRECTLY THE CREATE ACCOUNT,
RESET THE SESSION INFO */
if        (getAction()        ==        false)
{unset($_SESSION['createAccount']);}
/* INITIALIZE SESSION VARIABLES WITH THE
PASSED VALUES FROM THE FORM */
setSessionVars(          "createAccount",array
   ('cardUsername'      =>
$p['cardUsername'],'cardPassword'=>
$p['cardPassword'],'username'

=>               $p['username'],'password'=>
$p['password'],'firstName'              =>
$p['firstName'],'lastName'=>
$p['lastName'],'middleName'      =>

$p['middleName'],'address'=>
$p['address'],'telNo'=> $p['telNo'],
'age'=>              $p['age'],'gender'=>
$p['gender'],'occupation'=> $p['occupation']));
$subTitle = "Enter Card Info";
/*---------------------------------------------------------------
*
*                                               *
*                                               *
```

```
*        CHECK THE DIFFERENT POST VARIABLES
*
*                                             *
*                                             *
*-------------------------------------------------------------
*/
if (getAction() == "enterCardInfo")
{if    (issetVars(array(    $p['cardUsername'],
$p['cardPassword'])))
{if    (notEmptyVars(array($p['cardUsername'],
$p['cardPassword'])))
{
/*-------------------------------------------------------------
*
*                                             *
*                                             *
*        CHECK FOR CARD VALIDITY AND PRODUCE
APPROPRIATE ERRORS        *
*                                       *
*                                             *
*-------------------------------------------------------------
*/
if((radcheckAuthentic($p['cardUsername'],
$p['cardPassword']))                          &&
(radcheckGetTime($p['cardUsername']) > 0) &&
(radcheckGetType($p['cardUsername'])     ==
"card")&&
(radcheckCardExpired($p['cardUsername']) ==

false)&&(checkPendingAccount($p['cardUsername'
]) == false))
{$cardInfoValid          =          true;$tmpl-
>setAttribute("cardFormBody",        "visibility",
"hidden");$tmpl->setAttribute("userFormBody",

"visibility",   "visible");$_SESSION['createAccount']
['cardUsername'] = $p['cardUsername'];
$_SESSION['createAccount']['cardPassword']     =
$p['cardPassword'];}
else {$cardInfoValid = false;$cardInfoError = "The
card information you entered was not found.
Please check your entries"; }}
else{$cardInfoValid = false;$cardInfoError = "The
card username, password, and serial number must
not be blank.";}}}
if (getAction() == "enterUserInfo"){$subTitle =
"Enter User Account Info";
if (issetVars(array($p['username'], $p['password'],
$p['passwordConfirm'])))
{if        (notEmptyVars(array($p['username'],
$p['password'], $p['passwordConfirm'])))
{
/*-------------------------------------------------------------
*
*                                             *
*                                             *
*        CHECK FOR USERNAME AND PASSWORD
EXISTENCE OR VALIDITY        *
*                                       *
*                                             *
*-------------------------------------------------------------
*/
if (radcheckUserExists($p['username']))
{$userInfoValid = false;
$userInfoError = "The username you supplied is
already taken.";}
else if ($p['password'] != $p['passwordConfirm'])
{$userInfoValid  =  false;$userInfoError  =  "The
passwords you supplied did not match.";}

else    if    (strlen($p['password'])    >    16    ||
strlen($p['passwordConfirm']) <4)
{$userInfoValid  =  false;$userInfoError  =  "The
password length must be between 4 and 16."; }
else{$userInfoValid  =  true;$userInfoError  =  "";
$_SESSION['createAccount']['username']        =
$p['username'];
$_SESSION['createAccount']['password']        =
$p['password'];}}else
{$userInfoValid = false;
$userInfoError = "The username, password, and
password confirmation must not be blank."; }}
if (isset ($p['age']) && isset($p['telNo'])){
/*-------------------------------------------------------------
*
*                                             *
*                                             *
*        CHECK IF THE AGE AND TELEPHONE NUMBER
IS AN INTEGER            *
*                                       *
*                                             *
*-------------------------------------------------------------
*/
if ((!myIsInt($p['age']) && trim($p['age']) != "") ||
(!myIsInt($p['telNo']) && trim($p['telNo']) != ""))
{$personalInfoValid = false;
$personalInfoError = "Your  age  and  telephone
number must be composed of numbers only";}else
{$personalInfoValid             =
true;setSessionVars("createAccount",array
   ('firstName' => $p['firstName'],'lastName'=>

$p['lastName'],'middleName'=>
$p['middleName'],'address'=>
$p['address'],'telNo'=>        $p['telNo'],'age'=>
$p['age'],
'gender'=>            $p['gender'],'occupation'=>
$p['occupation']));}}
if ($userInfoValid  ==  false || $personalInfoValid
== false)
{$tmpl->setAttribute("userFormBody", "visibility",
"visible");$tmpl->setAttribute("cardFormBody",
"visibility", "hidden");}
else if ($userInfoValid && $personalInfoValid &&
getAction() != "editValues")
{$subTitle    =    "Verify    Your    Entries";$tmpl-
>setAttribute("createDisplayValues",    "visibility",
"visible");
$tmpl->setAttribute("userFormBody",    "visibility",
"hidden");$tmpl->setAttribute("cardFormBody",
"visibility", "hidden");
}else   if   (getAction()   ==   "editValues"){$tmpl-
>setAttribute("createDisplayValues",    "visibility",
"hidden");
$tmpl->setAttribute("userFormBody",    "visibility",
"visible");$tmpl->setAttribute("cardFormBody",
"visibility", "hidden");}}
else   if   (getAction()   ==   "finalize"){$subTitle =
"Create    Account    Successful";createAccount(

$_SESSION['createAccount']['username'],
$_SESSION['createAccount']['password'],
$_SESSION['createAccount']['cardUsername'],
$_SESSION['createAccount']
['cardPassword']);userProfileInsert(
```

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```php
$_SESSION['createAccount']['username'],
$_SESSION['createAccount']['firstName'],
$_SESSION['createAccount']['middleName'],
$_SESSION['createAccount']['lastName'],
$_SESSION['createAccount']['address'],
$_SESSION['createAccount']['telNo'],
$_SESSION['createAccount']['age'],
$_SESSION['createAccount']['gender'],
$_SESSION['createAccount']['occupation']);
$tmpl->setAttribute("createFinished",   "visibility",
"visible");$tmpl->setAttribute("cardFormBody",
"visibility", "hidden");}
$tmpl->addVar("bodyContent",       "SUB_TITLE",
$subTitle);$tmpl->addVar("cardInfoError",
"CARD_INFO_ERROR", $cardInfoError);
$tmpl->addVar("bodyContent",
"CARD_USERNAME",    $_SESSION['createAccount']
['cardUsername']);
$tmpl->addVar("bodyContent",
"CARD_PASSWORD",   $_SESSION['createAccount']
['cardPassword']);
$tmpl->addVar("userInfoError",
"USER_INFO_ERROR", $userInfoError);
$tmpl->addVar("bodyContent",      "USERNAME",
$_SESSION['createAccount']['username']);
$tmpl->addVar("bodyContent",      "PASSWORD",
$_SESSION['createAccount']['password']);
$tmpl->addVar("bodyContent",
"PASSWORD_CONFIRM",
$_SESSION['createAccount']['password']);
$tmpl->addVar("personalInfoError",
"PERSONAL_INFO_ERROR", $personalInfoError);
$tmpl->addVar("bodyContent",      "FIRST_NAME",
$_SESSION['createAccount']['firstName']);
$tmpl->addVar("bodyContent",      "LAST_NAME",
$_SESSION['createAccount']['lastName']);
$tmpl->addVar("bodyContent",     "MIDDLE_NAME",
$_SESSION['createAccount']['middleName']);
$tmpl->addVar("bodyContent",        "ADDRESS",
$_SESSION['createAccount']['address']);
$tmpl->addVar("bodyContent",          "TEL_NO",
$_SESSION['createAccount']['telNo']);
$tmpl->addVar("bodyContent",             "AGE",
$_SESSION['createAccount']['age']);
$tmpl->addVar("bodyContent",          "GENDER",
$_SESSION['createAccount']['gender']);
$tmpl->addVar("bodyContent",      "OCCUPATION",
$_SESSION['createAccount']['occupation']);
$tmpl->addVar("bodyContent",    "SELECT_MALE",
($_SESSION['createAccount']['gender'] == 'Male')?
"selected=\"selected\"" :"");
$tmpl->addVar("bodyContent", "SELECT_FEMALE",
($_SESSION['createAccount']['gender']         ==
'Female')? "selected=\"selected\""

:"");?>


displayCardPurchase.php
<?php
$tmpl->addVar("displayCardPurchased",
"SERIAL_NUMBER", $_SESSION['serialNumber']);
$tmpl->addVar("displayCardPurchased",
"USERNAME", $_SESSION['username']);
$tmpl->addVar("displayCardPurchased",
"PASSWORD", $_SESSION['password']);
$tmpl->addVar("displayCardPurchased", "HOURS",
$_SESSION['hours']);
$tmpl->addVar("displayCardPurchased",
"DURATION", $_SESSION['duration']);
```

```php
$tmpl->addVar("displayCardPurchased",
"LOAD_NAME", $_SESSION['loadName']);
$tmpl->addVar("displayCardPurchased",   "PRICE",
$SESSION['price']);
$tmpl->addVar("displayCardPurchased",
"CREDIT_NUM", $_SESSION['creditNum']);
$tmpl->addVar("displayCardPurchased",
"BALANCE_LABEL", $_SESSION['balanceLabel']);
$tmpl->addVar("displayCardPurchased",
"BALANCE", $_SESSION['balance']);
$tmpl->setAttribute("displayCardPurchased",
"visibility", "visible");
$tmpl->setAttribute("enterCreditInfo",   "visibility",
"hidden");?>


downloadPopup.php
<?php ?>

home.php
<?php
if (isset($_SESSION['userLoggedIn']))
{$tmpl->addVar("bodyContent",       "LOGGED_IN",
"TRUE");        writeUserInfo("bodyContent");}?>

index.php
<?php
include("config.php");
session_start();
include($configDir["include"]."/dbConnect.php");
include($configDir["include"]."/patTemplate.php");
include($configDir["include"]."/siteConfig.php");
include($configDir["include"]."/functions.php");
include($configDir["include"]."/radDbFunc.php");
include($configDir["include"]."/paymentFunc.php")
;
$tmpl = new patTemplate;
$tmpl->setBasedir($configDir["templates"]);
$tmpl->readTemplatesFromFile("main.tmpl.html");
$tmpl-
>readTemplatesFromFile("menu.tmpl.html");
$tmpl-
>readTemplatesFromFile("leftBlock.tmpl.html");
$tmpl-
>readTemplatesFromFile("rightBlock.tmpl.html");
if   (($fileOutput   =   getFileOutput())){$tmpl-
>readTemplatesFromFile($fileOutput.".tmpl.html")
;}
else{$tmpl-
>readTemplatesFromFile("error.tmpl.html");}
checkCompletedSharedHours();
checkAction();
writeUserInfo();
writeNewsFlash();
$tmpl->addGlobalVar("PHP_SELF",
$_SERVER['PHP_SELF']);
$tmpl->addGlobalVar("INDEX_PAGE",
$_SERVER['PHP_SELF']);
$tmpl->addGlobalVar("SITENAME",
$config['siteName']);
$tmpl->addGlobalVar("SITETITLE",
$config['siteTitle']);
$tmpl->addGlobalVar("FILE_OUTPUT",
$fileOutput);
if (file_exists("./".$fileOutput.".php"))
{include ($fileOutput.".php");}outputPage();?>

login.php
<?php
$tmpl->setAttribute("login", "visibility", "hidden");
```

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```php
$tmpl->setAttribute("newsFlash",        "visibility",
"hidden");
$tmpl->setAttribute("newsFlashLogin", "visibility",
"visible");?>

logout.php
<?php
include("mainfile.php");
$lastLoginQuery = "UPDATE ".DB_PREFIX."Account
SET lastLogin=%s WHERE userID=%s;";
$lastLoginResult                          =
mysql_query(sprintf($lastLoginQuery,     mktime(),
$_SESSION['userID']), $dbConnection);
session_unset();session_destroy();
$tmpl->addVar("bodyContent",
"ARTICLE_HEADER", "You are now logged out! ;-)");
$tmpl->addVar("bodyContent",
"ARTICLE_CONTENT", "Thank   you   for   using
ISP.net!");
$tmpl->displayParsedTemplate();?>

printerfriendly.php
<html><head><style>@import
url(print.css);</style></head>
<?php if (!$_GET && !$_POST){echo "No
Information to Print";}else
{if ($_GET){$p = &$_GET;}
else if ($_POST) {$p = &$_POST;}?>
<body bgcolor="#ddafdd"><div class="centered"
align="center"><h3> ISP.NET Purchased Card
</h3><br><br><hr size="2">
<div class="centered"><h4>Congratulations! you
have      just      purchased      a      prepaid
account.</h4></div><hr size="2">
<table border="0" width="80%" cellspacing="9"
cellpadding="9"><tr><td width="50%">
<h4><p style="text-align:justify;">the following
information  pertains  to  the  card  you  just
purchased. Please keep this

information as losing it will not hold the Internet
Service Provider liable. The safe keeping of the
information below should

be the sole responsibility of the customer alone.
</p></h4></td><td        width="50%"><table
width="100%"     border="1"     cellspacing="9"
cellpadding="9"><?php foreach ($p as $name =>

$value){ ?><tr> <td><?=$name?></td><td><?
=$value?></td></tr><?php}?
></table></td></tr></table><hr
size="2"></body></html>
<?php}?>

purchaseCard.php
<?php $p = &$_POST;
/* GENERATE THE ACTIVE CARD TYPES */
$subCategory = "Select Card to Purchase (Step 1
of 4)";
$cardTypes =radgroupcheckGet();
foreach ($cardTypes AS $GroupName=>$avPair)
{if ($avPair['Status'] == "Active")
{$GroupNames[]       =$GroupName;
$Hours[]=$avPair['Total-Time-
Limit']/3600;$Durations[]=$avPair['Expiration'];
$Prices[]=$avPair['Price'];$GroupNameLabels[]   =
```

```php
strtoupper(substr($GroupName,0,1)).strtolower(su
bstr($GroupName, 1));}}
array_multisort($Prices,     $Durations,     $Hours,
$GroupNameLabels,          $GroupNames);$tmpl-
>addVars("generateCardTypes", array(

"GROUP_NAME"=>$GroupNames,"HOUR"=>$Hour
s,"DURATION"=>$Durations,"PRICE"=>$Prices,"G
ROUP_NAME_LABEL"=>$GroupNameLabels));
/*------ DO  THE  CARD  SELECTION  PROCESS
----------*/
if        (getAction()       ==        false)
{unset($_SESSION['purchaseCard']);}
else if (getAction() == "doCardSelection" && !
isset($p['cardChoice']))
{$tmpl->addVar("noCardChoiceError",
"NO_CARD_CHOICE_ERROR", "You must select a
Card Type");}
/*----- SHOW  THE  LIST  OF  AVAILABLE  PAYMENT
TYPES I.E. CREDIT,DEBIT, ATM -----*/
else if (getAction() == "doCardSelection"  ||
getAction() == "reSelectPaymentMode")
{if            (!isset($_SESSION['purchaseCard']
['cardChoice'])){$_SESSION['purchaseCard']
['cardChoice'] = $p['cardChoice'];}
$query ="SELECT * FROM paymentModes";
$result =mysql_query($query, $dbConnection);
while ($row = mysql_fetch_object ($result))
{$tmpl->addVars("paymentTypes",     array     (
    "PAYMENT_TYPE_ID"=>             $row-
>paymentTypeID,"PAYMENT_TYPE_NAME"=>

$row->paymentTypeName));$tmpl-
>parseTemplate("paymentTypes", "a");}
$subCategory = "Select Mode of Payment (Step 2
of 4)";
$tmpl->setAttribute("selectCardType",  "visibility",
"hidden");
$tmpl->setAttribute("selectPaymentMode",
"visibility", "visible");}
else if (getAction() == "selectPaymentMode")
{$_SESSION['purchaseCard']['paymentTypeId']    =
$p['paymentTypeId'];
$tmpl->setAttribute("selectCardType",  "visibility",
"hidden");
generateBankDropDown($_SESSION['purchaseCar
d']['paymentTypeId']);
showPaymentInputForm($_SESSION['purchaseCard
']['paymentTypeId']);}
else         if          (getAction()         ==
"checkPaymentAccountInfo")
{if
(checkPaymentInputForm($_SESSION['purchaseCa
rd']['paymentTypeId'],$p['paymentCardNum'],
$p['paymentPinNum'],$p['bankID'],
$returnError))
{confirmCardPurchase();}else{showPaymentInput
Form($_SESSION['purchaseCard']
['paymentTypeId'], $returnError);
generateBankDropDown($_SESSION['purchaseCar
d']['paymentTypeId']);}}else if (getAction() ==
"finalizePurchase")
{finalizePurchase();}$tmpl-
>addVar("bodyContent",         "SUB_CATEGORY",
$subCategory);?>


redirectLogin.php
```

```
<?php?>

reloadAccount.php
<?php
if (!checkUserLoggedIn())
{redirectLogin();}else
{$p = &$_POST;
/*----------------------------------------------------------------
*
*                                                    *
*                                                    *
*        CHECK  THE  DIFFERENT  POST  VARIABLES
*
*                                                    *
*                                                    *
*----------------------------------------------------------------
*/
if (getAction() == "reloadAccount")
{if    (issetVars(array(      $p['cardUsername'],
$p['cardPassword'])))
{if     (notEmptyVars(array($p['cardUsername'],
$p['cardPassword']))){
/*----------------------------------------------------------------
*
*                                                    *
*                                                    *
*        CHECK  FOR  CARD  VALIDITY  AND  PRODUCE
APPROPRIATE ERRORS          *
*                                                    *
*                                                    *
*----------------------------------------------------------------
*/
if         ((radcheckAuthentic($p['cardUsername'],
$p['cardPassword']))                        &&
(radcheckGetTime($p['cardUsername']) > 0)

&&(radcheckGetType($p['cardUsername'])     ==
"card")&&(radcheckCardExpired($p['cardUsernam
e']) ==

false)&&(checkPendingAccount($p['cardUsername'
])        ==        false)){$cardInfoValid        =
true;reloadAccount($_SESSION['username'],

$p['cardUsername'],     $p['cardPassword']);$tmpl-
>setAttribute("reloadFormBody", "visibility",

"hidden");$tmpl->setAttribute("reloadFinished",
"visibility", "visible");}else {$cardInfoValid = false;
$cardInfoError  =  "The  card  information  you
entered was not found. Please check your entries";
}}else{
$cardInfoValid = false;$cardInfoError = "The card
username, password, and serial number must not
be blank.";}}}
$tmpl->addVar("cardInfoError",
"CARD_INFO_ERROR", $cardInfoError);
$tmpl->addVar("bodyContent",
"CARD_USERNAME", $p['cardUsername']);
$tmpl->addVar("bodyContent",
"CARD_PASSWORD", $p['cardPassword']);
$tmpl->addGlobalVar("FILE_OUTPUT",
$fileOutput);}?>

reloadHistory.php
<?php
if (!checkUserLoggedIn()){redirectLogin();}
else{if           ($reloadHistResults          =
reloadedCardsGet($_SESSION['username']))
```

```
{$tmpl->addVar("reloadHistoryRow",
"DATE_RELOADED",
$reloadHistResults["dateReloaded"]);$tmpl-
>addVar("reloadHistoryRow",

"TIME_RELOADED",
$reloadHistResults["timeReloaded"]);$tmpl-
>addVar("reloadHistoryRow", "GROUP_NAME",

$reloadHistResults["GroupName"]);$tmpl-
>addVar("reloadHistoryRow", "CARD_USERNAME",

$reloadHistResults["cardUsername"]);$tmpl-
>addVar("reloadHistoryRow", "CARD_PASSWORD",

$reloadHistResults["cardPassword"]);$tmpl-
>addVar("reloadHistoryRow", "TOTAL_TIME_LIMIT",

$reloadHistResults["Total-Time-Limit"]);}}?>


shareLoad.php
<?php
if (!checkUserLoggedIn())
{redirectLogin();}else{$p = &$_POST;
/*----------------------------------------------------------------
*
*                                                    *
*                                                    *
*        CHECK  THE  DIFFERENT  POST  VARIABLES
*
*                                                    *
*                                                    *
*----------------------------------------------------------------
*/
if (getAction() == "shareYourHours")
{$shareInfoValid          =          true;if
(issetVars(array(      $p['shareUsername'],
$p['shareHour'])))
{if     (notEmptyVars(array($p['shareUsername'],
$p['shareHour'])))
{$remainingTime                       =
radcheckGetTime($_SESSION['username']);
if ($remainingTime < $p['shareHour'] *3600)
{$shareInfoValid  =  false;$shareInfoError = "Your
remaining hours is less than the given amount.";}
if      (!radcheckUserExists($p['shareUsername'],
"personal")){$shareInfoValid        =        false;if
($shareInfoError != "") $shareInfoError

.=   "<br/>";$shareInfoError  .=  "The   username
specified      does      not      exist.";}if      (!
myIsInt($p['shareHour'])){$shareInfoValid =

false;if ($shareInfoError != "") $shareInfoError .=
"<br/>";$shareInfoError .= "The number of hours
must be a number.";}}}
else{$shareInfoValid  =  false;$shareInfoError  .=
"You   must   provide   input   to   both   fields.";if
($shareInfoError != "")

$shareInfoError  .=  "<br/>";}}if  ($shareInfoValid)
{if  (radacctUserOnline($_SESSION['username'])){
$message   =   "<span   class=\"error\">We   have
detected that your account is currently connected.
The transaction will be
```

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processed as soon as it is disconnected.</span>";insertSharedHours($_SESSION['username'], $p['shareUsername'],

$p['shareHour'], "pending");}else {$message = "You have successfully shared your

hours.";insertSharedHours($_SESSION['username'], $p['shareUsername'], $p['shareHour']);}$tmpl->setAttribute("shareFormBody",

"visibility", "hidden");$tmpl->setAttribute("shareFinished", "visibility", "visible");$tmpl->addVar("shareFinished",

"MESSAGE", $message);}$tmpl->addVar("shareInfoError", "SHARE_INFO_ERROR", $shareInfoError);$tmpl->addVar("bodyContent",

"SHARE_USERNAME", $p['shareUsername']);$tmpl->addVar("bodyContent", "SHARE_HOUR",

$p['shareHour']);$tmpl->addGlobalVar("FILE_OUTPUT", $fileOutput);}?>

viewCardTypes.php
<?php
$p = &$_POST;
/* GENERATE THE ACTIVE CARD TYPES */
$subCategory = "ISP.net Prepaid Card Types";
$cardTypes = radgroupcheckGet();
foreach ($cardTypes AS $GroupName=>$avPair)
{if ($avPair['Status'] ==

"Active"){$GroupNames[]=$GroupName;
$Hours[]=$avPair['Total-Time-Limit']/3600;$Durations[]=$avPair['Expiration'];

siteConfig.php
<?php $siteConfigQuery = "SELECT * FROM ". $configTable["Config"]; $siteConfigResult = mysql_query ($siteConfigQuery,

$dbConnection);while ($row = mysql_fetch_object($siteConfigResult)) {$config[$row->configName] = $row->configValue;}?>

dbConnect.php
<?php $dbConnection = mysql_connect($config["database"]["host"], $config["database"]["user"],$config["database"]["pass"])or

die ("Could not connect to DB");mysql_select_db($config["database"]["name"], $dbConnection)or die ("Could not select DB");?>

functions.php
<?php function displayBodyContent($tableName = "HomeContent")
{global $dbConnection, $tmpl, $config;
$query = "SELECT * FROM ".DB_PREFIX. $tableName." ORDER BY articleDate DESC;";
$result = mysql_query($query, $dbConnection);
while ($row = mysql_fetch_object($result))

$Prices[]=$avPair['Price'];$GroupNameLabels[] =

strtoupper(substr($GroupName,0,1)).strtolower(substr($GroupName, 1));}}
array_multisort($Prices, $Durations, $Hours, $GroupNameLabels, $GroupNames);$tmpl->addVars("generateCardTypes", array(

"GROUP_NAME"=>$GroupNames,"HOUR"=>$Hours,"DURATION"=>$Durations,"PRICE" =>$Prices,"GROUP_NAME_LABEL" =>$GroupNameLabels ));
$tmpl->addVar("bodyContent", "SUB_CATEGORY", $subCategory);?>

viewPromos.php
<?php
$query ="SELECT * FROM sessionRates";
$result = mysql_query($query, $dbConnection);
while ($row = mysql_fetch_object($result)) {$tmpl->addVars("promoRow",

array("START_DATE_EFFECTIVE"=>substr($row->startDateEffective,0,10),"END_DATE_EFFECTIVE" =>substr($row->endDateEffective,0,10)

,"START_TIME"=>substr($row->startTime,0,5),"STOP_TIME"=>substr($row->stopTime,0,5),"TYPE"=> $row->sessionRateType,"RATE"=>

100- ($row->sessionRate * 100)));$tmpl->parseTemplate("promoRow", "a");}?>

{$tmpl->addVar("bodyContent", "ARTICLE_HEADER", $row->articleHeader);$tmpl->addVar("bodyContent", "ARTICLE_CONTENT",

$row->articleContent);$tmpl->addVar("bodyContent", "ARTICLE_DATE", date($config["dateFormat"],

$row->articleDate));$tmpl->parseTemplate("bodyContent", "a");}}
function outputPage(){global $tmpl;$tmpl->displayParsedTemplate("main");}
function checkAction(){if (isset ($_POST['action'])) {$action = $_POST['action'];}else if (isset ($_GET['action'])){
$action = $_GET['action'];}switch ($action){case "login":loginUser();break;case "logout":logoutUser();break;}}
function loginUser(){global $tmpl, $dbConnection, $config, $configTable;if (isset($_POST['username']) &&

isset($_POST['password'])){if (trim($_POST['username']) != '' || trim($_POST['password']) !=''){$accountType =

radcheckGetType($_POST['username']);if ( radcheckAuthentic($_POST['username'], $_POST['password'])&&$accountType !=

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```php
"card"){$_SESSION['userLoggedIn']    =    true;
$_SESSION['username'] = $_POST['username'];if
($accountType ==

"admin"){$_SESSION['isAdmin']                =
true;header("location:admin/admin.php");}else
{$_SESSION['isAdmin'] =

false;header("location:".
$_SERVER['PHP_SELF']);}else{$errorMsg = "Error
in      logging      in.";$tmpl->addVar("login",
"ERROR_MSG",

$errorMsg);}}else{$errorMsg = "username and
password     must    not    be    blank.";$tmpl-
>addVar("login", "ERROR_MSG", $errorMsg);}}}
function     logoutUser(){global     $dbConnection,
$tmpl, $configTable;
$lastLoginQuery        =        "UPDATE        ".
$configTable["Account"]."    SET    lastLogin=%s
WHERE userID=%s;";
$lastLoginResult                               =
mysql_query(sprintf($lastLoginQuery,    mktime(),
$_SESSION['userID']), $dbConnection);
session_unset();
session_destroy();
echo   "<script>javascript:alert('You    are    now
logged                          out!');location='".
$_SERVER['PHP_SELF']."'</script>";}
function redirectLogin(){
header("location:".$_SERVER['PHP_SELF']."?
file=redirectLogin");}
function writeUserInfo($template = null)
{global     $tmpl,     $dbConnection,     $config;if
($template == null) {$template = "userInfo";}
   if

($_SESSION['isAdmin'])
{header("location:admin/admin.php");}if
(checkUserLoggedIn()){
$lastReload                                    =
getLastReload($_SESSION['username']);
$remainingBalance                              =
radcheckGetTime($_SESSION['username']);
$tmpl->setAttribute("login", "visibility", "hidden");
$tmpl->setAttribute("userInfo",          "visibility",
"visible");
$tmpl->addVar($template,    "USER_LOGGED_IN",
"TRUE");$tmpl->addVar($template,"USERNAME",

$_SESSION['username']);$tmpl-
>addVar($template,"LAST_RELOAD", $lastReload);
$tmpl->addVar($template,"REMAINING_BALANCE",

timeFormat($remainingBalance));if   (!($expiration
=    radcheckGetAttribute($_SESSION['username'],
"Expiration"))){$expiration =

"<i>Not                    Used</i>";}$tmpl-
>addVar($template,"EXPIRATION",   $expiration);if
($_SESSION['isAdmin']){$tmpl-
>addVar($template,

"ADMIN_LINK",                         "<br/><a
href=\"admin/a4m9n9s20r120o19.php\"
target=\"_blank\">&lt;Admin
Panel&gt;</a><br/>");}}}

function              checkUserLoggedIn(){if
(isset($_SESSION['userLoggedIn'])){return
(true);}else{return false;}}
function    getFileOutput(){global    $configDir,
$configFiles;if  (isset($_GET['file'])){$fileOutput =
$_GET['file'];}else if

(isset($_POST['file'])){$fileOutput               =
$_POST['file'];}if (isset($fileOutput)){if

(file_exists("./".$configDir['templates']."/".
$fileOutput.".tmpl.html")){return
($fileOutput);}else {return (false);}
}else{return ($configFiles['home']);}}
function    getRemainingBalance($userID){global
$configTable, $dbConnection;
$balanceQuery    =    "SELECT    *    FROM    ".
$configTable['Load']." WHERE userID=".$userID."
AND timeLeft > 0;";$balanceResult =

mysql_query($balanceQuery,       $dbConnection);
$totalBalance        =        0;while        ($row=
mysql_fetch_object($balanceResult))
{$totalBalance =

$totalBalance      +       $row->timeLeft;}return
$totalBalance;}
function    myIsInt($num){if    (!is_numeric($num))
{return false;}else if (strpos($num, ".") !== false)
{return false;   else if

(strpos($num,  "-")  !==  false){return  false;}else
return true;}
function    getAction(){if    (isset($_POST['action']))
{return $_POST['action'];}         else         if
(isset($_GET['action'])){return

$_GET['action'];}else return false;}
function  issetVars($varArray){foreach ($varArray
AS $value){if (!isset($value)){return false;}return
true;}
function notEmptyVars($varArray)
{foreach ($varArray as $value){if (trim($value)
==    ""){return    false;}}return    true;}function
setSessionVars($arrayKey,

$arrayValues){foreach         ($arrayValues         as
$key=>$value){if                  (isset($value))
{$_SESSION[$arrayKey][$key] = $value;}}}
function    setUserProfile($username,    $firstname,
$middlename, $lastname, $address, $telNo, $age,
$gender, $occupation)
{global    $dbConnection;$checkQuery    ="SELECT
UserName      FROM      userProfile      WHERE
UserName='$username'";$checkResult=
   mysql_query

($checkQuery,      $dbConnection);if      ($row      =
mysql_fetch_object($checkResult)){
$updateQuery      ="UPDATE      userProfile      SET
firstName

='$firstname',middleName='$middlename',lastNa
me     ='$lastname',address

='$address',telNo='$telNo',age='$age',gender='$
gender',occupation='$occupation'WHERE
UserName='$username';";
```

```php
$updateResult = mysql_query ($updateQuery,
$dbConnection);}else{
$insertQuery = "INSERT INTO userProfile
(UserName, firstName, middleName, lastName,
address, telNo, age, gender, occupation)
VALUES('$username','$firstname','$middlename','
$lastName','$address','$telNo','$age','$gender','$o
ccupation');";$insertResult

= mysql_query($insertQuery, $dbConnection);}}
function getUserProfile($username){global
$dbConnection;
$query ="SELECT * FROM userProfile
WHERE UserName='$username'";
$result =mysql_query($query, $dbConnection);
if ($row = mysql_fetch_object($result))
{$returnVar = array('UserName' =>$row-
>UserName,'firstName'=>$row-
>firstName,'middleName'=>$row-
>middleName,'lastName'

=>$row->lastName,'address' =>$row-
>address,'telNo' =>$row-
>telNo,'age'=>$row->age,'gender'
 =>$row->gender,
'occupation'=>$row->occupation)return
null2none($returnVar);}else return (false);}
function null2none($arrayVar) {foreach ($arrayVar
as $key=>$value)
{if (!isset($value) || trim($value) == "")
{$newArrayVar[$key] = "none";}
else {$newArrayVar[$key] = $value;}}
return $newArrayVar;}
function timeFormat($numSeconds)
{global $config;$hours = intval($numSeconds /
3600);
$minutes= intval ($numSeconds % 3600 /60 );
$seconds= $numSeconds % 60;
if ($hours > 1){$hoursLabel = " hours ";}
else if ($hours == 1){$hoursLabel = " hour ";}
else {$hours = "";$hoursLabel = "";}
if ($minutes > 1){$minutesLabel = " minutes ";}
else if ($minutes == 1){$minutesLabel = " minute
";}
else {$minutesLabel = "";$minutes = "";}
if ($seconds > 1){$secondsLabel = " seconds ";}
else if ($seconds == 1){$secondsLabel = " second
";}
else if ($minutes == "" && $hours == "" &&
$seconds == 0){$secondsLabel = " seconds";}
else{$secondsLabel = "";$seconds = "";}
return $hours.$hoursLabel.$minutes.
$minutesLabel.$seconds.$secondsLabel;}
function nameFormat($string)
{$firstLetter = strtoupper(substr($string,0,1));
$remaining = strtolower(substr($string,1));return
$firstLetter.$remaining;}
function writeNewsFlash()
{global $dbConnection, $tmpl, $config;
$query = "SELECT * FROM ispnetHomeContent
ORDER BY articleDate DESC;";
$result = mysql_query($query, $dbConnection);
while ($row = mysql_fetch_object($result))
{$tmpl->addVar("newsItem", "NEWS_HEADER",
$row->articleHeader);$tmpl->addVar("newsItem",
"NEWS_BODY",

$row->articleContent);$tmpl->addVar("newsItem",
"NEWS_DATE", date($config["dateFormat"],
```

```php
$row->articleDate));$tmpl-
>parseTemplate("newsItem", "a");}}?>

initTemplate.php
<?php
function initTemplate($bodyTemplate)
{global $configDir;$tmpl = new patTemplate;
$tmpl->setBasedir($configDir["templates"]);
$tmpl->readTemplatesFromFile("main.tmpl.html");
$tmpl-
>readTemplatesFromFile("banner.tmpl.html");
$tmpl->readTemplatesFromFile(

"menu.tmpl.html");$tmpl-
>readTemplatesFromFile($bodyTemplate);
$tmpl->addGlobalVar("USERNAME",
$_SESSION['username']);$tmpl-
>addGlobalVar("PHP_SELF",

$_SERVER['PHP_SELF']);$tmpl-
>addGlobalVar("INDEX_PAGE",
$_SERVER['PHP_SELF']);
$tmpl->addGlobalVar("SITENAME",
$config['siteName']);$tmpl-
>addGlobalVar("SITETITLE", $config['siteTitle']);
$tmpl->addGlobalVar("FILE_OUTPUT",
$fileOutput);return $tmpl;}?>

paymentFunc.php
<?php function
generateBankDropDown($paymentTypeId)
{ global $tmpl, $dbConnection, $config,
$subCategory;
$query="SELECT bankName, bankID FROM
paymentBanks";
$result=mysql_query ($query, $dbConnection);
while ($row = mysql_fetch_object ($result)){
$tmpl->addVar("bankName", "BANK_NAME_ROW",
$row->bankName);$tmpl->addVar("bankName",
"BANK_ID_ROW", $row->bankID);
$tmpl->parseTemplate("bankName", "a");}}
function getBankName($bankID)
{global $dbConnection;
$query = "SELECT bankName FROM
paymentBanks WHERE bankID='$bankID'";
$result = mysql_query($query, $dbConnection);
$row = mysql_fetch_object ($result);
return $row->bankName;}
function deleteBank($bankID)
{global $dbConnection;
$query = "DELETE FROM paymentBanks WHERE
bankID='$bankID'";
if ($result = mysql_query ($query,
$dbConnection)){return true;}else return false;}
function editBank($bankID, $bankName,
$bankInfo)
{global $dbConnection;
$query = "UPDATE paymentBanks SET
bankName='$bankName', bankInfo='$bankInfo'
WHERE bankID='$bankID'";
if ($result = mysql_query ($query,
$dbConnection)){return true;}else return false;}
function addBank($bankName, $bankInfo)
{global $dbConnection;
$query = "INSERT INTO paymentBanks
(bankName, bankInfo) VALUES ('$bankName',
'$bankInfo')";
```

```php
if     ($result    =    mysql_query    ($query,
$dbConnection)){return true;}else return false;}
function showPaymentInputForm($paymentTypeId,
$error = null)
{global     $tmpl,     $dbConnection,     $config,
$subCategory;
$subCategory = "Enter Account Information (Step
3 of 4)";
$query = "SELECT * FROM paymentModes WHERE
paymentTypeId='$paymentTypeId'";
$result =mysql_query ($query, $dbConnection);
if ($row = mysql_fetch_object ($result)){if ($row-
>pinNumMinLength         ==         $row-
>pinNumMaxLength){$pinLabelLength =

$row->pinNumMinLength;}else{$pinLabelLength
=    $row->pinNumMinLength   .   "   -   ".   $row-
>pinNumMaxLength;}
$tmpl->addVars("enterPaymentAccountInfo",
array ("PAYMENT_TYPE_NAME"     =>     $row-
>paymentTypeName,"CARD_NUM_LENGTH" =>

$row->cardNumLength,"PIN_NUM_MAX_LENGTH"
=>                         $row-
>pinNumMaxLength,"PIN_LABEL_LENGTH"     =>
$pinLabelLength));
if        ($error        !=        null){$tmpl-
>addVar("paymentAccountInfoError",
"PAYMENT_INFO_ERROR",

$error);}$tmpl-
>setAttribute("enterPaymentAccountInfo",
"visibility",                        "visible");$tmpl-
>setAttribute("selectCardType",

"visibility", "hidden");}else{return false;}}
function
checkPaymentInputForm($paymentTypeId,
$paymentCardNum, $paymentPinNum, $bankID,
&$returnError)
{global     $tmpl,     $dbConnection,     $config,
$subCategory;
// CHECK EMPTY ERROR
if     (trim($paymentCardNum)    ==    ""    ||
trim($paymentPinNum)   ==   ""){$returnError   =
"The Card Number and Pin must not be

blank.";return false;}
// CHECK IF EXISTING ERROR
$query        ="SELECT * FROM paymentModes,
paymentAccounts                         WHERE
paymentModes.paymentTypeID='$paymentTypeId
'AND

paymentModes.paymentTypeID=paymentAccount
s.paymentTypeID                         AND
cardNum='$paymentCardNum'AND
cardPin='$paymentPinNum'AND
bankID='$bankID'";
$result        =mysql_query        ($query,
$dbConnection);
if     ($row    =    mysql_fetch_object    ($result))
{$_SESSION['purchaseCard']['cardNum'] =

$paymentCardNum;$_SESSION['purchaseCard']
['paymentTypeId'] = $paymentTypeId;}
else {$returnError = "The Card Information you
entered failed authentication.";return false;}

if    ($_SESSION['purchaseCard']['paymentTypeId']
== 2){$paymentPinNum = "4-6";}
$tmpl->addVars("enterPaymentAccountInfo",
array           ("PAYMENT_CARD_NUM"           =>
$paymentCardNum, "PAYMENT_PIN_NUM" =>

$paymentPinNum));$_SESSION['purchaseCard']
['bankID'] = $bankID;
// CHECK IF BALANCE IS ENOUGH
$balance = $row->cardBalance;$limit       = $row-
>cardLimit;$price          =

radgroupcheckGetAttribute($_SESSION['purchaseC
ard']['cardChoice'], "Price");
if ($row->accountingMode == 'a'){if ($balance +
$price  >  $limit){$returnError  =  "This  card  has
exceeded it's purchasing

limit.";return        false;}}else        if        ($row-
>accountingMode == 's'){if ($balance - $price <
$limit){$returnError = "This card has

gone below it's limit.";return false;}}return true;}
function     confirmCardPurchase(){global     $tmpl,
$dbConnection,        $config,        $subCategory;
$subCategory = "Confirm Purchase (Step 4 of

4)";$selectedCardInfo                         =
radgroupcheckGet($_SESSION['purchaseCard']
['cardChoice']);$groupname =

$_SESSION['purchaseCard']['cardChoice'];
$bankName =

getBankName($_SESSION['purchaseCard']
['bankID']);$tmpl-
>addVars("confirmCardPurchase",
array("GROUP_NAME" => $groupname,
"HOUR"=>$selectedCardInfo[$groupname]["Total-
Time-
Limit"]/3600,"DURATION"=>$selectedCardInfo[$gr
oupname]["Expiration"],"PRICE

"=>          $selectedCardInfo[$groupname]
["Price"],"CARD_NUM"=>
$_SESSION['purchaseCard']
['cardNum'],"BANK_NAME" => $bankName);
$tmpl->setAttribute("confirmCardPurchase",
"visibility",                        "visible");$tmpl-
>setAttribute("selectCardType", "visibility",

"hidden");}
function finalizePurchase()
{global     $tmpl,     $dbConnection,     $config,
$subCategory;$subCategory   =   "Card   Purchase
Successful!";$cardNum =

$_SESSION['purchaseCard']['cardNum'];
$groupname=$_SESSION['purchaseCard']
['cardChoice'];
include ("admin/generateCards.inc.php");$genCard
=
generateCard();createCard($genCard['UserName'],
$genCard['Password'],

$groupname);$_SESSION['recentPurchase']
['UserName']        =        $genCard['UserName'];
$_SESSION['recentPurchase']['Password'] =
```

```php
$genCard['Password'];
$query      ="SELECT      *      FROM
paymentAccounts,     paymentModes     WHERE
cardNum='$cardNum'";
$result      =mysql_query      ($query,
$dbConnection);
$row = mysql_fetch_object ($result);
$balance = $row->cardBalance;$limit= $row-
>cardLimit;$price=
radgroupcheckGetAttribute($groupname, "Price");
$modeResult = mysql_query ("SELECT
accountingMode FROM paymentModes WHERE

paymentTypeID='".$_SESSION['purchaseCard']
['paymentTypeId']."';", $dbConnection);
$modeRow = mysql_fetch_object ($modeResult);if
($modeRow->accountingMode == 'a')
{$newbalance = $balance + $price;$balanceLabel
= "Credit Debt";}
else if ($modeRow->accountingMode == 's')
{$newbalance = $balance - $price;$balanceLabel
= "ATM Balance";}
$bankquery ="UPDATE paymentAccounts SET
cardBalance=$newbalance          WHERE
cardNum='$cardNum'";
$bankresult=mysql_query($bankquery,
$dbConnection);
$tmpl->addVars("displayCardPurchased",
array("PAYMENT_CARD_NUM"=>
$cardNum,"BALANCE_LABEL"=>
$balanceLabel,"BALANCE"=>

$newbalance,"CARD_USERNAME"=>$_SESSION['re
centPurchase']['UserName'],
"CARD_PASSWORD"=>$_SESSION['recentPurchase
']['Password'],"GROUP_NAME"=>
$groupname,"PRICE"=>

radgroupcheckGetAttribute($groupname,
"Price"),"DURATION"=>
radgroupcheckGetAttribute($groupname,
"Expiration"),
"HOURS"          =>
radgroupcheckGetAttribute($groupname, "Total-
Time-Limit")/3600);
if          (checkUserLoggedIn()){$tmpl-
>addVar("displayCardPurchased",
"USER_LOGGED_IN",

"TRUE");}$tmpl-
>setAttribute("displayCardPurchased", "visibility",
"visible");$tmpl->setAttribute("selectCardType",

"visibility", "hidden");}?>

radDbFunc.php
<?php
/*------------------------ RADIUS SQL INSERTION
FUNCTIONS ----------------------------*/
/*---------------------------------------------*
*                                 *
*                                 *
*         RAD ACCOUNT FUNCTIONS         *
*                                 *
*                                 *
*---------------------------------------------*/
function radacctFirstSession($UserName)
{global $dbConnection;

$query                         ="SELECT
UNIX_TIMESTAMP(AcctStartTime)     as
_AcctStartTime    FROM    radacct    WHERE
UserName='$UserName'ORDER BY AcctSessionId
LIMIT 0,1";
$result = mysql_query ($query, $dbConnection);
if  ($row=mysql_fetch_object  ($result)){return
$row->_AcctStartTime;}else {return false;}}
function   radacctUserOnline($UserName){global
$dbConnection;
$query      ="SELECT * FROM radacct WHERE
AcctStopTime=0 AND UserName='$UserName';";
$result =mysql_query ($query, $dbConnection);
if  ($row = mysql_fetch_object ($result)){return
true;}else return false;}
/* FUNCTION TO GET THE TOTAL SESSION TIME */
function radacctGetSessionTime($username)
{global $dbConnection;
$sessionLengthQuery          ="SELECT
SUM(AcctSessionTime) AS SUM_AcctSessionTime
FROM radacct WHERE UserName='$username'";
$sessionLengthResult
=mysql_query($sessionLengthQuery,
$dbConnection);
if          ($sessionLengthRow        =
mysql_fetch_object($sessionLengthResult)){return
$sessionLengthRow->SUM_AcctSessionTime;}
else{return 0;}}
/* FUNCTION TO GET THE ONLINE USERS */
function radacctGetOnlineUsers()
{global $dbConnection, $config;
$query      ="SELECT     AcctSessionID,UserName,
UNIX_TIMESTAMP(AcctStartTime)          AS
_AcctStartTime,FramedIPAddress          FROM
radacctWHERE

AcctStoptime=0;";$result  =mysql_query ($query,
$dbConnection);
if ($row = mysql_fetch_object ($result))
{do {$sessid[] =          $row->AcctSessionID;
$username[] = $row->UserName;$usertype[] =
radcheckGetType($row->UserName);
$groupname[]      =      radusergroupGet($row-
>UserName);$starttime[]          =          date
($config['dateTimeFormat'],          $row-
>_AcctStartTime);
$duration[] = timeFormat(mktime() - $row-
>_AcctStartTime);$ipadd[]      =          $row-
>FramedIPAddress;}      while      ($row      =
mysql_fetch_object

($result));return      array      ("AcctSessionID"
=>$sessid,"UserName"=>$username,"AccountTy
pe"=>$usertype,"GroupName"=>$groupname,
"StartTime"=>$starttime,"Duration"=>$duration,"
IPAdd"=>$ipadd);}else return false;}
/*---------------------------------------------*
*                                 *
*                                 *
*         RAD CHECK FUNCTIONS         *
*                                 *
*                                 *
*---------------------------------------------*/
/* FUNCTION USED TO INSERT A NEW ENTRY INTO
radcheck */
function radcheckInsert($username, $avPairs)
{global $dbConnection;
foreach ($avPairs as $attribute => $value){
```

```php
$insertQuery= "INSERT INTO radcheck (UserName,
Attribute, Value) VALUES ('%s','%s','%s');";
$insertResult=mysql_query(sprintf($insertQuery,
$username,        $attribute,        $value),
$dbConnection);}}
function    radcheckUpdateAttribute($username,
$attribute, $value){global $dbConnection;
$result =mysql_query("UPDATE radcheck SET
Value='$value'WHERE
UserName='$username'AND

Attribute='$attribute'",$dbConnection);}
/* FUNCTION USED TO UPDATE OR "RELOAD" AN
ACCOUNT WITH ADDITIONAL TIME */
function        radcheckUpdateTime($username,
$timeToAdd)
{global    $dbConnection;$totalTimeLimit    =
radcheckGetAttribute($username,    "Total-Time-
Limit");
if   ($totalTimeLimit  !==  false){$newTime  =
$timeToAdd + $totalTimeLimit;
$updateQuery    ="UPDATE    radcheck    SET
Value='$newTime'WHERE
UserName='$username'AND        Attribute='Total-
Time-Limit'";
$updateResult=        mysql_query
($updateQuery, $dbConnection);}}
/* FUNCTION USED TO CHECK THE EXISTENCE OF
A USERNAME */
function         radcheckUserExists($username,
$usertype = null)
{global $dbConnection;if ($usertype== null) {
$query = "SELECT * FROM radcheck WHERE
UserName='$username'";}else
{$query = "SELECT * FROM radcheck WHERE
UserName='$username'AND   Attribute='Account-
Type'AND Value='$usertype'";}
$result        =mysql_query($query,
$dbConnection);
if  ($row =  mysql_fetch_object($result)){return
true;}else return false;}
/* FUNCTION USED TO CHECK THE EXPIRATION OF
AN ACCOUNT */
function radcheckCardExpired($username)
{global        $dbConnection;$expiryDate        =
radcheckGetAttribute($username, "Expiration");
if ($expiryDate == null){return false;}
else if  (strtotime($expiryDate)  >=  mktime())
{return false;}else return true;}
/* FUNCTION USED TO CHECK THE AUTHENTICITY
OF AN ACCOUNT */
function            radcheckAuthentic($username,
$password)
{global                     $dbConnection;if
(radcheckGetAttribute($username,     "Password")
== $password) return true;else return false;}
/* FUNCTION USED TO GET A SPECIFIC VALUE OF
AN ATTRIBUTE */
function         radcheckGetAttribute($username,
$attribute){global $dbConnection;
$getQuery ="SELECT * FROM radcheck WHERE
UserName='$username'AND
Attribute='$attribute'";
$getResult       =mysql_query        ($getQuery,
$dbConnection);
if ($row = mysql_fetch_object($getResult)){return
$row->Value;}else return null;}
function radcheckGetType($username)

{global $dbConnection;$accountType        =
radcheckGetAttribute($username,        "Account-
Type");
switch ($accountType){case "personal": return
$accountType;case "admin"    :         return
$accountType;default: return "card";
}}
/* FUNCTION USED TO GET THE REMAINING
HOURS OF THE USER */
function radcheckGetTime($username)
{global        $dbConnection;$totalTimeLimit=
radcheckGetAttribute($username,    "Total-Time-
Limit");if ($totalTimeLimit)
{$sessionLengthQuery =        "SELECT
SUM(AcctSessionTime) AS SUM_AcctSessionTime
FROM radacct WHERE UserName='$username'";
$sessionLengthResult                =
   mysql_query($sessionLengthQuery,
$dbConnection);
$sessionLengthRow                 =
mysql_fetch_object($sessionLengthResult);
return ($totalTimeLimit - $sessionLengthRow-
>SUM_AcctSessionTime);}else  {return  (false);}}

/*--- FUNCTION USED TO GET THE GROUPNAME OF
A PARTICULAR USER ----*/
function  radusergroupGet   ($username){global
$dbConnection;
$getResult =mysql_query("SELECT   *   FROM
usergroup    WHERE    UserName='$username'",
$dbConnection);
if ($row = mysql_fetch_object($getResult)){return
($row->GroupName);}else {return false;}}
/* FUNCTION USED TO INSERT OR UPDATE THE
USERGROUP ENTRY*/
function         radusergroupInsert($username,
$groupname)
{global                     $dbConnection;
$checkResult=mysql_query ("SELECT  *  FROM
usergroup    WHERE    UserName='$username'",
$dbConnection
if  ($row  =  mysql_fetch_object($checkResult))
{$updateQuery    ="UPDATE     usergroupSET
GroupName='$groupname'WHERE

UserName='$username'";$updateResult=
mysql_query                    ($updateQuery,
$dbConnection);}else{
$insertQuery=     "INSERT     INTO     usergroup
(UserName, GroupName)VALUES('%s','%s');";
$insertResult=mysql_query(sprintf($insertQuery,
$username,        strtoupper($groupname)       ),
$dbConnection);}}
/*-- FUNCTION TO GET AN ATTRIBUTE FROM THE
RADUSERGROUPCHECK TABLE --*/
function  radgroupcheckGetAttribute($groupname,
$attribute)
{global $dbConnection;
$getQuery ="SELECT  *  FROM  radgroupcheck
WHERE      GroupName='$groupname'      AND
Attribute='$attribute'";$getResult =mysql_query

($getQuery,    $dbConnection);if    ($row    =
mysql_fetch_object($getResult)){return      $row-
>Value;}
else return null;}
function  createCard($cardName,  $cardPassword,
$GroupName)
```

```
{$totalTimeLimit                      =
radgroupcheckGetAttribute($GroupName, "Total-
Time-Limit");
radcheckInsert($cardName,array("Password" =>
$cardPassword,"Total-Time-Limit"       =>
$totalTimeLimit,"Expiration"    => ""));
radusergroupInsert($cardName, $GroupName);}
/* -- CREATE ACCOUNT FOR RADCHECK (NEW
USERNAME, NEW PASSWORD, CARD USER, CARD
PASS --*/
function  createAccount($username,  $password,
$cardUsername, $cardPassword)
{if  (radcheckUserExists($username)  ==  false)
{$remainingTime                       =
radcheckGetTime($cardUsername);
if      (radcheckAuthentic      ($cardUsername,
$cardPassword) && $remainingTime > 0){
if           (radacctUserOnline($cardUsername))
{radcheckInsert($username,                array
("Password"=>$password,"Total-Time-Limit"=>0,
"Expiration"=>radcheckGetAttribute($cardUserna
me,            "Expiration"),"Account-
Type"=>"personal"));insertPendingAccount($usern
ame,

$cardUsername);}else
{radcheckInsert($username,

array("Password"=>$password,"Total-Time-
Limit"=>$remainingTime,"Expiration"=>radcheck
GetAttribute($cardUsername,

"Expiration"),"Account-
Type"=>"personal"));reloadedCardsPut($usernam
e, $cardUsername, $cardPassword);}
radusergroupInsert($username,
radusergroupGet($cardUsername));}}}
function    insertPendingAccount    ($username,
$cardUsername)
{global $dbConnection;
$query        ="INSERT               INTO
pendingAccount(UserName,      cardUserName)
VALUES ('$username', '$cardUsername');";
$result      =mysql_query            ($query,
$dbConnection);}
function  checkPendingAccount  ($cardUsername)
{global $dbConnection;
$query ="SELECT * FROM pendingAccount WHERE
cardUserName='$cardUsername'";
$result = mysql_query ($query, $dbConnection);
if  ($row =  mysql_fetch_object  ($result)){return
true;}else return false;}
function     reloadAccount           ($username,
$cardUsername, $cardPassword)
{global      $config;$remainingTime      =
radcheckGetTime($cardUsername);
if      (radcheckAuthentic      ($cardUsername,
$cardPassword) && $remainingTime > 0){
/* DEFINE THE NEEDED VARIABLES HERE */
/* CURRENT USER EXPIRATION */
$currentExpiration                    =
radcheckGetAttribute($username, "Expiration");
/* CARD'S GROUP NAME*/
$cardGroupName        =
radusergroupGet($cardUsername);
/* GET THE CARD DURATION */
$cardDuration=
radgroupcheckGetAttribute($cardGroupName,
"Expiration");
```

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/* GET THE CARD EXPIRATION IF IT EXISTS */
$currentCardExpiration =
radcheckGetAttribute($cardUsername,
"Expiration");
if          (radacctUserOnline($cardUsername))
{insertPendingAccount($username,
$cardUsername);}
else{/* ADD THE REMAINING TIME OF THE CARD
TO     THE      TIME      OF     THE      USER
*/radcheckUpdateTime($username,
$remainingTime);
/* MOVE THE CARD TO THE TABLE OF
RELOADED/USED                         CARDS
*/reloadedCardsPut($username,  $cardUsername,
$cardPassword);}
/* USE THE radusergroupInsert TO UPDATE THE
USER'S           GROUP                 TYPE
*/radusergroupInsert($username,
$cardGroupName);
/*------------------------------------------------------
/* DETERMINE WHEN THE USER'S EXPIRATION OF
LOAD WILL BE *
-------------------------------------------------------*/
/* IF THE CARD EXPIRATION IS NULL THEREFORE IT
HASN'T BEEN USED */
if      ($currentCardExpiration      ==      null){if
($currentExpiration == null){$currentExpiration =
mktime();}
else            {$currentExpiration            =
strtotime($currentExpiration);}$newExpiration    =
$currentExpiration + ($cardDuration * 86400);
$newExpiration          =          date
($config['expiryDateFormat'],
$newExpiration);}else       {$newExpiration       =
$currentCardExpiration; }
radcheckUpdateAttribute        ($username,
"Expiration", $newExpiration);}}
function        getLastReload($username){global
$dbConnection, $config;
$result        =mysql_query          ("SELECT
UNIX_TIMESTAMP(dateReloaded)          AS
_dateReloaded   FROM   reloadedCards   WHERE
UserName='$username'
ORDER  BY  dateReloaded  DESC  LIMIT  0,1",
$dbConnection);
if ($row = mysql_fetch_object ($result)){return
date($config['liteDateFormat'],          $row-
>_dateReloaded);}else{return "none";}}
/*--  FUNCTION TO MOVE OLD /RELOADED CARDS
TO THE cardsReloaded TABLE --*/
function          reloadedCardsPut($username,
$cardUsername,           $cardPassword){global
$dbConnection;
$setValidity=mysql_query("UPDATE usergroup SET
Valid='n'  WHERE  UserName='$cardUsername';",
$dbConnection);
$reloadQuery  ="INSERT   INTO   reloadedCards
(UserName,   CardUsername,   CardPassword)
VALUES

('$username','$cardUsername','$cardPassword');";
$reloadResult=mysql_query        ($reloadQuery,
$dbConnection);
$deleteQuery="DELETE  FROM  radcheck  WHERE
UserName='$cardUsername'";
$deleteResult=mysql_query        ($deleteQuery,
$dbConnection);}
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function reloadedCardsGet($username, $startDate
= null, $endDate= null){global $dbConnection,
$config;
if ($startDate == null && $endDate == null)
{$getQuery = "SELECT reloadedCards.UserName,

reloadedCards.cardUserName,reloadedCards.card
Password, UNIX_TIMESTAMP(dateReloaded) AS
_dateReloaded,usergroup.GroupName,

radgroupcheck.Value FROM reloadedCards,
usergroup, radgroupcheck WHERE
reloadedCards.UserName='$username'AND

reloadedCards.CardUserName=usergroup.UserNa
me                                        AND
usergroup.GroupName=radgroupcheck.GroupNam
e AND

radgroupcheck.Attribute='Total-Time-Limit'ORDER
BY       dateReloaded       DESC;";$getResult       =
   mysql_query ($getQuery,

$dbConnection);if ($row = mysql_fetch_object
($getResult)){do {$username_A[]       = $row-
>UserName;$cardUsername[] =

$row->cardUserName;$cardPassword[] = $row-
>cardPassword; $dateReloaded[]       =
date($config['dateFormat'],

$row->_dateReloaded);$timeReloaded[]       =
date($config['timeFormat'],             $row-
>_dateReloaded);$groupname[] =       $row-
>GroupName;
$totaltime[]       = $row->Value/3600;} while ($row
= mysql_fetch_object($getResult));
$returnVar=array("UserName"=>
$username_A,"cardUsername"=>
$cardUsername,"cardPassword"  =>
$cardPassword,"dateReloaded"  =>

$dateReloaded,"timeReloaded"=>
$timeReloaded,"GroupName"=>
$groupname,"Total-Time-Limit"=>
$totaltime)return ($returnVar);}
else return false;}}
function   userProfileInsert($username,   $fname,
$mname, $lname, $addr, $telno, $age, $gender,
$occupation)
{global $dbConnection;
$query             ="INSERT                       INTO
userProfile(UserName,   firstName,   middleName,
lastName,    address,    telNo,    age,    gender,
occupation)VALUES
('$username','$fname','$mname','$lname','$addr','
$telno','$age','$gender','$occupation');";
$result =mysql_query ($query, $dbConnection);}
function userProfileSearch($text, $position, $field,
$startlimit = null, $limitlength = null)
{global                       $dbConnection;switch
(strtolower($position)){case   's':   $likeQuery   =
$text."%"; break;case 'm': $likeQuery =

"%".$text."%"; break;case 'e': $likeQuery = "%".
$text; break;default : $likeQuery = "%".$text."%";
break;}
if ($startlimit == null) $startlimit = 0;
if ($limitlength== null) $limitlength=10;

$query ="SELECT * FROM userProfile WHERE $field
LIKE '$likeQuery'LIMIT $startlimit, $limitlength";
$result = mysql_query

($query,       $dbConnection);if       ($row       =
mysql_fetch_object ($result)){do {$UserName[] =
$row->UserName;$firstName[]

=$row->firstName;$lastName[]       =       $row-
>lastName;$middleName[] = $row->middleName;
$address[] = $row->address;$telNo[] =

$row->telNo;$age[]       = $row->age;$gender[]=
$row->gender;$occupation[] = $row->occupation;
} while ($row= mysql_fetch_object($result));
return array("UserName"             =>
$UserName,"firstName"=>
$firstName,"lastName"=>
$lastName,"middleName"=> $middleName,
"address"=> $address,"telNo"=> $telNo,"age"=>
$age,"gender"=>             $gender,"occupation"=>
$occupation);}else return false;}
/*--- FUNCTION TO GET THE USERS FOR BROWSING
WITH ADDED LIMITS ---*/
function   radcheckGetUsers($startlimit   =   "0",
$limitlength = "30", $usertype = "card"){global
$dbConnection;
$query             ="SELECT * FROM radcheck ORDER
BY UserName";
$result =mysql_query ($query, $dbConnection);
$resultArray             =             array();while($row       =
mysql_fetch_object($result)){$resultArray[$row-
>UserName][$row->Attribute] =

$row->Value;}if ($usertype == "card"){foreach
($resultArray as $UserName=>$AttributeValues){
if       (!isset($AttributeValues['Account-Type'])){if
(isset($AttributeValues['Expiration'])){if

(trim($AttributeValues['Expiration'])       !=       "")
{$finalResult[$UserName]['Expiration']             =
$AttributeValues['Expiration'];}
else $finalResult[$UserName]['Expiration'] = "not
used";}else   $finalResult[$UserName]['Expiration']
= "not used";
if       (isset($AttributeValues['Total-Time-Limit']))
{$finalResult[$UserName]['Total-Time-Limit'] =

timeFormat(radcheckGetTime($UserName));}if
(isset($AttributeValues['Password']))
{$finalResult[$UserName]['Password'] =

$AttributeValues['Password'];}
$finalResult[$UserName]['GroupName']             =
radusergroupGet($UserName);}}}
else if ($usertype == "personal" || $usertype ==
"admin"){foreach             ($resultArray             as
$UserName=>$AttributeValues){
if   (isset($AttributeValues['Account-Type'])   &&
$AttributeValues['Account-Type'] == $usertype){
if             (isset($AttributeValues['Expiration'])){if
(trim($AttributeValues['Expiration']) !=

""){$finalResult[$UserName]['Expiration']             =
$AttributeValues['Expiration'];}else
$finalResult[$UserName]['Expiration'] = "not
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used";}else  $finalResult[$UserName]['Expiration']
= "not used";if (isset($AttributeValues['Total-Time-
Limit'])){
$finalResult[$UserName]['Total-Time-Limit']    =
timeFormat(radcheckGetTime($UserName));}if

(isset($AttributeValues['Password']))
{$finalResult[$UserName]['Password']          =
$AttributeValues['Password'];}
$finalResult[$UserName]['GroupName']         =
radusergroupGet($UserName);}}}
if      (isset($finalResult)){$finalResult      =
array_slice($finalResult,            $startlimit,
$limitlength);}else {return false;}
return $finalResult;}
function  radgroupcheckGet($groupname = null)
{global $dbConnection;if ($groupname == null)
{$query ="SELECT * FROM

radgroupcheck";}else {
$query  ="SELECT * FROM radgroupcheck WHERE
GroupName='$groupname'";}
$result =mysql_query ($query, $dbConnection);
while  ($row =  mysql_fetch_object ($result))
{$groupTypes[$row->GroupName][$row-
>Attribute] = $row->Value;}return $groupTypes;}
function      radgroupcheckUpdate($GroupName,
$Attribute, $Value){global $dbConnection;
$query     ="UPDATE     radgroupcheck    SET
Value='$Value'WHERE
GroupName='$GroupName'AND
Attribute='$Attribute'";$result = mysql_query

($query, $dbConnection);}
/*----- FUNCTION TO ADD A NEW GROUP ----*/
function addGroup($GroupName, $avPairs)
{global                   $dbConnection;if
(radgroupcheckGroupExists($GroupName)){return
false;}foreach ($avPairs as $attribute => $value){
$query    ="INSERT    INTO    radgroupcheck
(GroupName,    Attribute,    Value)    VALUES
('$GroupName','$attribute','$value');";
$result =mysql_query ($query, $dbConnection);}
$avPairs1 = array("Framed-Compression"

=>"Van-Jacobson-TCP-IP","Framed-IP-Address"=>
"255.255.255.254","Framed-Protocol"=>

"PPP","Idle-Timeout"=>"3600","Session-
Timeout"=> "86400","Port-Limit"=> "1","Service-
Type"=> "Framed-User");
foreach ($avPairs1 as $attribute => $value){
$query    ="INSERT    INTO    radgroupreply
(GroupName,    Attribute,    Value)    VALUES
('$GroupName','$attribute','$value');";
$result =mysql_query ($query, $dbConnection);}}
/*----- FUNCTION TO EDIT A GROUP ----*/
function              editGroup($oldGroupName,
$newGroupName, $avPairs)
{global            $dbConnection;if            (!
radgroupcheckGroupExists($oldGroupName))
{return false;}else if

(radgroupcheckGroupExists($newGroupName) &&
$oldGroupName     !=     $newGroupName){return
false;}
$result          =mysql_query          ("UPDATE
radgroupcheck                            SET
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GroupName='$newGroupName'             WHERE
GroupName='$oldGroupName'",

$dbConnection);$result =mysql_query   ("UPDATE
radgroupreply SET GroupName='$newGroupName'
WHERE GroupName='$oldGroupName'",

$dbConnection);foreach ($avPairs as $attribute
=> $value){$query ="UPDATE radgroupcheck SET
Value='$value'WHERE

GroupName='$newGroupName'AND
Attribute='$attribute';";
$result =mysql_query ($query, $dbConnection);}}
/* -- DELETE A GROUP --*/
function          deleteGroup($GroupName){global
$dbConnection;
$query  ="DELETE FROM radgroupcheck WHERE
GroupName='$GroupName'";
$result =mysql_query($query);
$query  ="DELETE FROM radgroupreply WHERE
GroupName='$GroupName'";
$result =mysql_query($query);}
function checkGroupCleared($GroupName){global
$dbConnection;
$query        ="SELECT    *    FROM    usergroup
WHERE       GroupName='$GroupName'      AND
Valid='y'";
$result         =mysql_query            ($query,
$dbConnection);
if ($row = mysql_fetch_object ($result)){return
false;}else return true;}
function  radgroupcheckGroupExists($GroupName)
{global $dbConnection;
$result  =  mysql_query    ("SELECT  *  FROM
radgroupcheck                         WHERE
GroupName='$GroupName';", $dbConnection);
if ($result = mysql_fetch_object($result)){return
true;}else return false;}
function             insertSharedHours($sourceUser,
$destUser, $hours, $status = "completed")
{global $dbConnection, $config;
$query   =   "INSERT    INTO    sharedHours
(sourceUsername,  destUsername,  hoursPassed,
status) VALUES

('$sourceUser','$destUser','$hours','$status');";
$result        =mysql_query            ($query,
$dbConnection);
if        ($status        ==        "completed")
{radcheckUpdateTime($sourceUser,
-1*$hours*3600);radcheckUpdateTime($destUser,
$hours*3600);
if            (radcheckExpired($destUser))
{radcheckUpdateAttribute($destUser, "Expiration",
date($config['expiryDateFormat'], mktime() +

86400));}}}
function checkCompletedSharedHours()
{global  $dbConnection;if  (checkUserLoggedIn())
{$user = $_SESSION['username'];
$query        ="SELECT    *    FROM    sharedHours
WHERE         destUsername='$user'AND
status='completed'AND viewed='n'";
$result =mysql_query ($query, $dbConnection);
if ($row = mysql_fetch_object($result)){
echo
"<script>window.open('completedSharedHours.ph
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p?username=$user', 'complete','width=400,
height=300')</script>";}}}
function checkFailedSharedHours()
{global $dbConnection;if (checkUserLoggedIn())
{$user = $_SESSION['username'];$query
="SELECT * FROM sharedHours WHERE
sourceUsername='$user'AND status='failed' AND
viewed='n'";$result =mysql_query ($query,
$dbConnection);
if ($row = mysql_fetch_object($result)){echo
"<script>window.open('failedSharedHours.php?
username=$user',

'failed','width=400, height=300')</script>";}}}
function radcheckExpired($username)
{$expiration = radcheckGetAttribute($username,
"Expiration");
$expiration = strtotime($expiration);
if ($expiration <= mktime()){return true;}else
return false;}?>


sessionRateFunc.php
<?php
function sessionWithinPeriod($start, $rateArray)
{$start2 = $rateArray['startDateEffective'];$end2
= $rateArray['endDateEffective'];
if ($start >= $start2 && $start <= $end2) {return
true;}else return false;}
function sessionWithinRange($start, $end,
$rateArray)
{$start2 = $rateArray['startTime'];$end2 =
$rateArray['stopTime'];
echo "<br>Session Start:$start | Session End:$end
| Rate Start: $start2 | Rate End: $end2";
if ($start <= $start2 && $end >= $end2) return
true;
if ($start <= $start2 && $end <= $end2 && $end
>= $start2) return true;
if ($start >= $start2 && $end <= $end2) return
true;
if ($start >= $start2 && $end >= $end2 && $start
<= $end2) return true;return false;}
function sessionGetIntersection($start, $end,
$rateArray)
{$start2 = $rateArray['startTime'];$end2=
$rateArray['stopTime'];
echo "<br>".$start." ".$end." ".$start2." ".
$end2;
if ($start <= $start2 && $end >= $end2) {return
array("startTime"=>$start2,
"stopTime"=>$end2);}
if ($start >= $start2 && $end <= $end2) {return
array("startTime"=>$start, "stopTime"=>$end);}
if ($start >= $start2 && $end >= $end2 && $start
<= $end2) {return array("startTime"=>$start,
"stopTime"=>$end2);}
if ($start <= $start2 && $end <= $end2 && $end
>= $start2) {return array("startTime"=>$start2,
"stopTime"=>$end);}return

false;}
function sessionGetDifference($start, $end,
$rateArray)
{$start2 = $rateArray['startTime'];$end2=
$rateArray['stopTime'];echo "<br> Entering
function getDifference";echo

"<br>".$start." ".$end." ".$start2." ".$end2;if
($start <= $start2 && $end >= $end2)
{return array( "startTime"=>$start,
"stopTime"=>$start2 -1,
"startTime2"=>$end2+1,"stopTime2"=>$end);}
if ($start >= $start2 && $end <= $end2) {return
false;}
if ($start >= $start2 && $end >= $end2 && $start
<= $end2) {return array("startTime"=>$end2+1,
"stopTime"=>$end);}
if ($start <= $start2 && $end <= $end2 && $end
>= $start2) {return array("startTime"=>$start,
"stopTime"=>$start2-1);}
return false;}
function sessionInsertEntry($rateArray, $row,
$rate, $rateType)
{global $dbConnection;
$startRate=$rateArray['startTime'];
$stopRate=$rateArray['stopTime'];
$groupName=radusergroupGet($row-
>UserName);
$totalTimeLimit
=radgroupcheckGetAttribute($groupName,
"Total-Time-Limit");
$price =radgroupcheckGetAttribute($groupName,
"Price");
$priceRate=$price / $totalTimeLimit;
$totalPrice=($stopRate- $startRate) * $priceRate *
$rate;
$RadAcctId=$row->RadAcctId;
$AcctSessionId=$row->AcctSessionId;
$UserName=$row->UserName;
$sessionTime=$stopRate - $startRate;
$StartDate=date ("Y-m-d", $row-
>_AcctStartTime);
$StopDate=date ("Y-m-d", $row->_AcctStopTime);
$timeToAdd=(1-$rate) *($stopRate - $startRate);
radcheckUpdateTime($UserName,
$timeToAdd);echo "<br>Displaying user ".$row-
>UserName;
echo "<br>group name: $groupName";echo
"<br>Start Rate: $startRate";echo "<br>Stop
Rate: $stopRate";
echo "<br>Total Time: $totalTimeLimit";echo
"<br>Price: $price";echo "<br>Price Rate:
$priceRate";
echo "<br>Total Price: $totalPrice";
$query ="INSERT INTO
sessionUsageParsed(RadAcctId, AcctSessionId,
UserName, StartDate, StopDate, StartTime,
StopTime,

SessionTime, SessionPrice,
SessionRateType)VALUES ($RadAcctId,

'$AcctSessionId','$UserName','$StartDate','$StopD
ate',SEC_TO_TIME($startRate),SEC_TO_TIME($stop
Rate),'$sessionTime','$totalPr

ice','$rateType');";f ($result =mysql_query
($query, $dbConnection)){}else { echo
"<h1>fatal error can't insert entry

</h1>"; }}
$radAcctQuery ="SELECT
RadAcctId,AcctSessionId,UserName,
UNIX_TIMESTAMP(AcctStartTime) AS
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_AcctStartTime,UNIX_TIMESTAMP(AcctStopTime) AS
_AcctStopTime,TIME_TO_SEC(TIME_FORMAT(AcctSt artTime, '%H:%i:%s')) AS

_startTime,TIME_TO_SEC(TIME_FORMAT(AcctStopTi me, '%H:%i:%s')) AS _stopTime,AcctSessionTime FROM radacct WHERE
UNIX_TIMESTAMP(AcctStartTime) >= $recentRunDate";?>

siteConfig.php

about.tmpl.html
<patTemplate:tmpl name="bodyContent"><div class="contentHeader">{ARTICLE_HEADER}</div><div class="contentBody"><div

class="contentText">{ARTICLE_CONTENT}</div></div><div class="contentFooter">posted @ {ARTICLE_DATE} </div>
</patTemplate:tmpl>


banner.tmpl.html
<embed src="images/ispnet1.swf" width="700" height="130" quality="high" bgcolor="#FFCCFF"/>


checkUsage.tmpl.html
<patTemplate:tmpl name="bodyContent">
<div class="contentHeader">Check Usage</div>
<div class="contentBody"><div class="contentText"><div
class="centered"><h3>Viewing Login Usage</h3></div>
<table class="darkTableBorder" border="0" cellspacing="1" cellpadding="2" align="center">
<tr><th>Date</th><th colspan="2">Time Range</th><th>Session
Length</th><th>Price</th><th>Type</th></tr>
<patTemplate:tmpl name="noRow" visibility="hidden">
<tr><td class="row1" colspan="6">No usage found</td></tr>
</patTemplate:tmpl><patTemplate:tmpl name="usageRows"
type="oddeven"><patTemplate:sub condition="odd">
<tr><td class="row1">{START_DATE}</td><td class="row1">{START_TIME}</td><td class="row1">{STOP_TIME}</td>
<td class="row1" align="center">{SESSION_TIME}</td><td class="row1">{SESSION_PRICE}</td>
<td class="row1">{SESSION_TYPE}</td></tr></patT emplate:sub><patTemplate:sub condition="even">
<tr><td class="row2">{START_DATE}</td><td class="row2">{START_TIME}</td><td class="row2">{STOP_TIME}</td>
<td class="row2" align="center">{SESSION_TIME}</td><td class="row2">{SESSION_PRICE}</td><td class="row2">{SESSION_TYPE}</td>
</tr></patTemplate:sub></patTemplate:tmpl><t r><td colspan="6"><img src="images/px.gif" height="10" alt="spacing"/></td></tr>

<?php
$siteConfigQuery = "SELECT * FROM ". $configTable["Config"];$siteConfigResult = mysql_query ($siteConfigQuery, $dbConnection); while ($row = mysql_fetch_object($siteConfigResult)) {$config[$row->configName] = $row->configValue;}?>


<tr><th colspan="3">Total Usage</th><th colspan="3">Remaining Hours</th></tr><tr><td colspan="3"

class="row1">{TOTAL_USAGE}</td><td colspan="3"
class="row1">{REM_HOURS}</td></tr></table> </div></div><div

class="contentFooter"></div></patTemplate:tmp l>


createAccount.tmpl.html
<patTemplate:tmpl name="bodyContent"><div class="contentHeader">
Edit an Existing Account :: {SUB_TITLE}</div><div class="contentBody">
<patTemplate:tmpl name="cardFormBody" varscope="bodyContent">
<form action="{INDEX_PAGE}" method="POST"><table>
<tr><td colspan="2"><h3>Please input the card username and password</h3></td></tr>
<patTemplate:tmpl name="cardInfoError" type="simplecondition"
requiredvars="CARD_INFO_ERROR">
<tr><td colspan="2"><div class="error">{CARD_INFO_ERROR}</span></td ></tr></patTemplate:tmpl><tr><td

class="centerContent">Card Username</td><td class="centerContent"><input type="text" name="cardUsername" size="15"

value="{CARD_USERNAME}"/></td></tr><tr><t d class="centerContent">Card Password</td><td class="centerContent"><input

type="text" name="cardPassword" size="15" value="{CARD_PASSWORD}"
/></td></tr><tr><td><img src="images/px.gif"

height="10"/></td></tr><tr><td> </td>
<td><input class="button" type="submit" value="Continue"/></td><input type="hidden"

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name="file"   value="{FILE_OUTPUT}"   /><input
type="hidden"                   name="action"
value="enterCardInfo" /></td></tr></table>
</form></patTemplate:tmpl><patTemplate:tmpl
name="userFormBody"   varscope="bodyContent"
visibility="hidden">
<form                           method="POST"
action="{PHP_SELF}"><table><tr><td
colspan="2"><h3>Account
Information</h3></td></tr>
<patTemplate:tmpl            name="userInfoError"
type="simplecondition"
requiredvars="USER_INFO_ERROR"><tr><td
colspan="2">
<div
class="error">{USER_INFO_ERROR}</span></td
></tr></patTemplate:tmpl><tr><td
class="centerContent">Your Username</td>
<td   class="centerContent"><input   type="text"
name="username"                 size="15"
value="{USERNAME}" /></td></tr><tr><td

class="centerContent">Your     Password</td><td
class="centrContent"><input     type="password"
name="password" size="15"

value="{PASSWORD}"/></td></tr><tr><td
class="centerContent">Confirm           Your
Password</td><td class="centerContent"><input

type="password"         name="passwordConfirm"
size="15"
value="{PASSWORD_CONFIRM}"/></td></tr><tr
><td><img src="images/px.gif"

height="10"/></td></tr><tr><td
colspan="2"><h3>Personal           Information
(Optional)</h3></td></tr><patTemplate:tmpl

name="personalInfoError"  type="simplecondition"
requiredvars="PERSONAL_INFO_ERROR"><tr><td
colspan="2"><div

class="error">{PERSONAL_INFO_ERROR}</span>
</td></tr></patTemplate:tmpl><tr><td
class="centerContent">First Name</td><td

class="centerContent"><input         type="text"
name="firstName"                 size="20"
value="{FIRST_NAME}"/></td></tr><tr>
<td   class="centerContent">Last   Name</td><td
class="centerContent"><input         type="text"
name="lastName" size="20"

value="{LAST_NAME}"/></td></tr><tr><td
class="centerContent">Middle      Name</td><td
class="centerContent"><input type="text"

name="middleName"                 size="20"
value="{MIDDLE_NAME}"/></td></tr><tr><td
class="centerContent">Address</td><td

class="centerContent"><textarea
name="address"                       rows="5"
cols="20"/>{ADDRESS}</textarea></td></tr><t
r><td

class="centerContent">Telephone
Number</td><td   class="centerContent"><input
type="text" name="telNo" size="12"

value="{TEL_NO}"/></td></tr><tr><td
class="centerContent">Age</td><td><input
type="text"         name="age"         size="3"
value="{AGE}"/>
</td></tr><tr><td
class="centerContent">Gender</td><td><select
name="gender"              size="1"/><option
value="">-------</option>
<option                   {SELECT_FEMALE}
value="Female">Female</option><option
{SELECT_MALE}
value="Male">Male</option></select></td></tr
><tr>
<td   class="centerContent">Occupation</td><td
class="centerContent"><input         type="text"
name="occupation" size="20"

value="{OCCUPATION}"/></td></tr><tr><td>
        </td><td><input       class="button"
type="submit" value="Continue"/></td><input

type="hidden"                     name="file"
value="{FILE_OUTPUT}"  /><input   type="hidden"
name="action" value="enterUserInfo"

/
></tr></table></form></patTemplate:tmpl><pa
tTemplate:tmpl        name="createDisplayValues"
visibility="hidden"

varscope="bodyContent"><br/><div
class="centered"><h3>Please       verify      the
information you entered</h3></div>
<table           width="100%"           border="0"
cellspacing="1"><tr><td><img
src="images/px.gif"
height="10"/></td></tr><tr><th colspan="2">
Account                    Info</th></tr><tr><td
class="row1">Username</td><td
class="row1">{USERNAME}</td></tr><tr><td

class="row2">Password</td><td
class="row2">{PASSWORD}</td></tr><tr><td>
<img                        src="images/px.gif"
height="10"/></td></tr><tr>
<th                  colspan="2">Personal
Info</th></tr><tr><td        class="row1">First
Name</td><td
class="row1">{FIRST_NAME}</td></tr><tr>
<td     class="row2">Last     Name    </td><td
class="row2">{LAST_NAME}</td></tr><tr><td
class="row1">Middle Name</td><td

class="row1">{MIDDLE_NAME}</td></tr><tr><t
d             class="row2">Address</td><td
class="row2">{ADDRESS}</td></tr><tr><td

class="row1">Telephone          Number</td><td
class="row1">{TEL_NO}</td></tr><tr><td
class="row2">Age</td><td
class="row2">{AGE}</td>
</tr><tr><td      class="row1">Gender</td><td
class="row1">{GENDER}</td></tr><tr><td
class="row2">Occupation</td><td
```

```
class="row2">{OCCUPATION}</td></tr><tr><td
><img    src="images/px.gif"    height="10"
/></td></tr><tr><td align="right">
<form                action="{INDEX_PAGE}"
method="POST"><input            type="hidden"
name="action" value="enterUserInfo"/>
<input        type="hidden"        name="file"
value="{FILE_OUTPUT}"/><input    class="button"
type="submit" value="Edit These Values"/>
</form></td><td><form
action="{INDEX_PAGE}"  method="POST"><input
type="hidden" name="action" value="finalize"/>
<input        type="hidden"        name="file"
value="{FILE_OUTPUT}"/><input    class="button"
type="submit"

value="Finished"/></form></td></tr><tr><td>
<img                 src="images/px.gif"
height="10"/></td></tr></table></patTemplate:
tmpl>
<patTemplate:tmpl        name="createFinished"
type="condition"
conditionvar="FINALIZED_ERROR"
visibility="hidden">
<patTemplate:sub        condition="empty"><div
class="alertMessage">Congratulations! You have
successfully created a new account!
<div    class="gensmall">&lt;redirecting    in    3
seconds    or    click    <a    href="index.php?
file=downloadPopup"><u>here</u></a>&gt;</di
v>
script>window.setTimeout("location='index.php?
file=downloadPopup'",
3000)</script></div></patTemplate:sub>
<patTemplate:sub condition="default">  <div
class="error">{FINALIZED_ERROR}</div></patTe
mplate:sub></patTemplate:tmpl>
</div><div
class="contentFooter"> </div></patTempla
te:tmpl>


displayCardPurchased.tmpl.html
<patTemplate:tmpl            name="bodyContent"
visibility="hidden"><div
class="contentHeader">Card            Purchase
Successfull</div>
<div               class="contentBody"><div
class="centered"><h3>You    have    successfully
purchased a Card</h3></div>
<table             align="center"><tr><th
colspan="2">Your Credit Card Info</th></tr>
<tr><td    class="row1">Credit    Number</td><td
class="row1">{CREDIT_NUM}</td></tr>
<tr><td
class="row2">{BALANCE_LABEL}</td><td
class="row2">{BALANCE}</td></tr>
<tr><td><img            src="images/px.gif"
height="10"/></td></tr>
<tr><th        colspan="2">Your            Card
Information</th></tr>
<tr><td         class="row1">Card         Serial
Number</td><td
class="row1">{SERIAL_NUMBER}</td></tr>
<tr><td class="row2">Card Username</td><td
class="row2">{USERNAME}</td></tr>
<tr><td    class="row1">Card    Password</td><td
class="row1">{PASSWORD}</td></tr>
```

```
<tr><td     class="row2">Load     Name</td><td
class="row2">{LOAD_NAME}</td></tr>
<tr><td          class="row1">Hours</td><td
class="row1">{HOURS}</td></tr>
<tr><td     class="row2">Days     Valid</td><td
class="row2">{DURATION}</td></tr>
</table></div><div
class="contentFooter"></div></patTemplate:tmp
l>


downloadPopup.tmpl.html
<patTemplate:tmpl    name="bodyContent"><div
class="contentHeader">Download    {SITENAME}
Popup</div>
<div              class="contentBody"><div
class="contentText"><div           class="row1"
style="width:80%; margin-left:auto;

margin-right:auto;">-&gt; <a
href="download/radiusdialer.bat">Download
Installer Here</a></div>
<!--    <div    class="row2"    style="width:80%;
margin-left:auto;           margin-right:auto;">-
&gt; <a

href="download/radiusdialer.jar">Download Popup
Notifier</a></div> -->
<br/><div     class="alertMessage"     style="text-
align:left;"><ol>
<li>Download Radius Dialer Installer specified
above.<li>After    downloading,    double-click    the
application and it will install

in a while.  <li>Note: Java Software is required for
the installer to run.</ol></div></div></div>
<div    class="contentFooter">Popup    Notification
copyright      of      the      developers      of
ISP.net</div></patTemplate:tmpl>


error.tmp.html
<patTemplate:tmpl    name="bodyContent"><div
class="contentHeader">Page        does        not
exist</div><div class="contentBody">
<div class="contentText">Sorry please contact
the administrator at admin@isp.net to report
this.</div></div>
<div
class="contentFooter"></div></patTemplate:tmp
l>


home.tmpl.html
<patTemplate:tmpl             name="bodyContent"
type="condition"
conditionvar="LOGGED_IN"><patTemplate:sub
condition="empty">
<div      class="contentHeader">Welcome      to
ISP.net</div>
<div               class="contentBody"><table
align="center">
<tr><!--     BEGIN     LEFT     COLUMN     -->><td
width="50%"            valign="top"><div
class="bodyBlockHead">
<a class="homeHeaderLinks" href="{PHP_SELF}?
file=createAccount">Create
Account</a></div><div class="bodyBlockBody">
```

Tired of using gibberish usernames and passwords to dial up? You can now avail of isp.net's user account personalization. All

you need is a prepaid card.</div><br/><div class="bodyBlockHead"><a class="homeHeaderLinks"

href="{PHP_SELF}?file=shareLoad">Pass-An-Hour</a></div><div class="bodyBlockBody">Want to give some hours to a friend?

ISP.net enables you to give free hours to your pals, all you need is their username and your account and you're ready to go.
</div><br/></td><!-- BEGIN RIGHT COLUMN --><td width="50%" valign="top"><div class="bodyBlockHead"><a class="homeHeaderLinks"

href="{PHP_SELF}?file=purchaseCard">Purchase Card</a></div><div class="bodyBlockBody">Do you have a credit card or atm card?

Now you can purchase cards online! It's easier than ever, and uses Secure Connections. Purchase your cards now!</div><br/>
<div class="bodyBlockHead"><a class="homeHeaderLinks" href="{PHP_SELF}?file=viewCardTypes">View Card Info</a></div>
<div class="bodyBlockBody">View the different information of cards such as prices, number of hours, expiration, and their

corresponding terms of use.</div></td></tr></table></div><div class="contentFooter"> </div></patTemplate:sub>
<patTemplate:sub condition="default"><div class="contentHeader">Welcome {USERNAME}</div><div class="contentBody">
<table align="center"><tr><!-- BEGIN LEFT COLUMN --><td width="50%" valign="top"><div class="bodyBlockHead">
<a class="homeHeaderLinks" href="{PHP_SELF}?file=downloadPopup">Download Popup</a></div>
<div class="bodyBlockBody">Wondering if you've reached your limit? ISP.NET prompts you if your internet life nears its end,

all you have to do is download some Apps, follow instructions, and you're in. </div><br/><div class="bodyBlockHead">
<a class="homeHeaderLinks" href="{PHP_SELF}?file=reloadAccount">Reload Account</a></div><div class="bodyBlockBody">
Do you have a prepaid card? Reloading your personal account is just a one step process. Just input the card information and

you're ready to go.</div><br/><div class="bodyBlockHead"><a class="homeHeaderLinks"

href="{PHP_SELF}?file=reloadHistory">Reload History</a></div><div

class="bodyBlockBody">Need to know your previously reloaded

cards? Here at {SITENAME} we keep track of your previously loaded cards for your own viewing pleasure.</div></td>
<!-- BEGIN RIGHT COLUMN --><td width="50%" valign="top"><div class="bodyBlockHead"><a class="homeHeaderLinks"

href="{PHP_SELF}?file=shareLoad">Pass-An-Hour</a></div><div class="bodyBlockBody">Want to share some hours to a friend?

ISP.net enables you to give free hours to your pals via Pass-An-Hour, all you need is their username and your account and

you're ready to go. </div><br/><div class="bodyBlockHead"><a class="homeHeaderLinks"

href="{PHP_SELF}?file=purchaseCard">Purchase Card</a></div><div class="bodyBlockBody">Do you have a credit card or atm card?

Now you can purchase cards online! It's easier than ever. Purchase your cards now! </div><br/><div class="bodyBlockHead">
<a class="homeHeaderLinks" href="{PHP_SELF}?file=checkUsage">Check Usage</a></div><div class="bodyBlockBody">Want to know

your login dates and times? You can monitor your session usage here.
</div></td></tr></table></div><div

class="contentFooter"> </div></patTemplate:sub></patTemplate:tmpl>


leftBlock.tmpl.html
<patTemplate:tmpl name="leftBlock"><div class="userInfoContainer"><patTemplate:tmpl name="login">
<div class="contentHeaderSmall">Login Info</div><div class="contentBodySmall"><form action="{PHP_SELF}" method="POST">
<span class="error">{ERROR_MSG}</span><br/>Username <br/><input type="text" name="username" size="10"/><br/>Password
<br/><input type="password" name="password" size="10"/><input type="hidden" name="action" value="login"/>
<br/><input class="button" type="submit" value="login"/></form></div><div class="contentFooterSmall"> </div>
</patTemplate:tmpl><patTemplate:tmpl name="userInfo" visibility="hidden"><div class="contentHeaderSmall">User Info</div>
<div class="contentBodySmall" align="left"><div align="left" style="font-weight:normal"><div class="row1"><b>Username</b>
<br/>{USERNAME}</div><div class="row2"><b>Last Reload</b><br/>{LAST_RELOAD}</div><div class="row1"><b>Time Left</b>

```
<br/>{REMAINING_BALANCE}</div><div
class="row2"><b>Account             Expires
at</b><br/>{EXPIRATION}</div></div></div>
<div
class="contentFooterSmall"> </div></patT
emplate:tmpl><patTemplate:tmpl
name="newsFlash" visibility="visible">
<div          class="contentHeaderSmall">News
Flash</div><div          class="contentBodySmall"
align="left">
<div align="left"  style="margin-left:5px;margin-
right:5px;font-weight:normal"><marquee
direction="up" behavior="scroll"

scrollamount="1"  scrolldelay="50"  height="80"
onMouseOver="stop()"
onMouseOut="start()"><patTemplate:tmpl

name="newsItem"><hr/><div
align="center"><b>{NEWS_HEADER}</b>
</div><hr/><div                   style="text-
align:justify">{NEWS_BODY}</div><div
align="center"><span style="font-size:8px;

font-style:italic;">--   posted   @   {NEWS_DATE}
--</span></div></patTemplate:tmpl></marquee
></div></div><div

class="contentFooterSmall"> </div></patT
emplate:tmpl><patTemplate:tmpl
name="newsFlashLogin" visibility="hidden"><div

class="contentHeaderSmall">News
Flash</div><div          class="contentBodySmall"
align="left"><div align="left"

style="margin-left:5px;margin-right:5px;font-
weight:normal"><marquee          direction="up"
behavior="scroll" scrollamount="1"

scrolldelay="50"                   height="250"
onMouseOver="stop()"
onMouseOut="start()"><patTemplate:tmpl
name="newsItem"><hr/>
<div
align="center"><b>{NEWS_HEADER}</b></div>
<hr/><div                          style="text-
align:justify">{NEWS_BODY}</div>
<div align="center"><span  style="font-size:8px;
font-style:italic;">-- posted @ {NEWS_DATE}

--
</span></div></patTemplate:tmpl></marquee>
</div></div><div
class="contentFooterSmall"> </div></patT
emplate:tmpl>
</div></patTemplate:tmpl>


login.tmpl.html
<patTemplate:tmpl            name="bodyContent"
varscope="login">
<div            class="contentHeader">Login
Page</div><div      class="contentBody"><form
action="{PHP_SELF}" method="POST">
<patTemplate:tmpl            name="loginError"
type="simplecondition"         varscope="login"
requiredvars="ERROR_MSG">
```

```
<div
class="error">{ERROR_MSG}</div></patTemplat
e:tmpl><table><tr><td
class="centerContent">Username</td>
<td   class="centerContent"><input   type="text"
name="username"
size="10"/></td></tr><tr><td
class="centerContent">
Password</td><td class="centerContent"><input
type="password"
name="password"name="password"
size="10"/></td>
</tr><tr><td> </td><td><input
type="hidden"                name="action"
value="login"/><input type="hidden" name="file"

value="login"/><input            class="button"
type="submit"                value="login"
/></td></tr></table></form></div><div
class="contentFooter">
 </div><br/><br/></patTemplate:tmpl>


main.tmpl.html
<patTemplate:tmpl
name="main"><html><head><title>{SITETITLE
}</title><style>@import    url(main.css);@import
url(scroll-rel.css);
</style><script              src="js/dw_scroll.js"
type="text/javascript"></script><script
src="js/dw_event.js"

type="text/javascript"></script><script
src="js/dw_slidebar.js"
type="text/javascript"></script><script

src="js/dw_scroll_aux.js"
type="text/javascript"></script><script
src="js/antierror.js"
type="text/javascript"></script>
</head>  <body  onload="initScrollLayer()"><div
class="bannerLine"><patTemplate:tmpl
name="banner" src="banner.tmpl.html"/>
</div><div  class="menuLine"><patTemplate:link
src="menu"/></div><div
class="sideLine"><patTemplate:link

src="leftBlock"/></div><div
class="bodyLine"><div  id="wn">  <div  id="lyr1"
class="content"><!-- scrolling layers start here

--><patTemplate:link
src="bodyContent"/></div></div></div><div
class="footerLine"><p>interface  by  coccyxian
designs, scripts

using  PHP  with  MySQL  backend</p><p>images
created  using  GIMP,  animated  banners  using
SwishMax</p></div>
<div         id="scrollbar"><div         id="up"><a
href="javascript:;"       onclick="return       false"
onmouseover="dw_startScroll(0,'up')"

onmouseout="dw_stopScroll(0)"><img
src="images/btn-up.gif"  width="11"  height="11"
alt="" /></a></div><div id="track">
<div             id="dragBar"></div></div><div
id="down"><a href="javascript:;" onclick="return
false"
```

```
onmouseover="dw_startScroll(0,'down')"
onmouseout="dw_stopScroll(0)"><img
src="images/btn-dn.gif" width="11" height="11"

alt=""
/></a></div></div></body></html></patTempl
ate:tmpl>


menu.tmpl.html
<patTemplate:tmpl name="menu">
<div              class="menuContainer"><a
class="menuLink"
href="{PHP_SELF}">Home</a>
<a      class="menuLink"      href="{PHP_SELF}?
file=viewPromos">Promos</a>
<patTemplate:tmpl           name="createLink"
type="condition"
conditionvar="USER_LOGGED_IN"
varscope="userInfo">
<patTemplate:sub         condition="empty"><a
class="menuLink"             href="{PHP_SELF}?
file=createAccount">Edit Account</a>
</patTemplate:sub><patTemplate:sub
condition="default"></patTemplate:sub></patTe
mplate:tmpl>
<a      class="menuLink"      href="{PHP_SELF}?
file=purchaseCard">Purchase
Card</a><patTemplate:tmpl     name="viewLink"
type="condition"

conditionvar="USER_LOGGED_IN"
varscope="userInfo"><patTemplate:sub
condition="empty"><a class="menuLink"

href="{PHP_SELF}?file=viewCardTypes">View
Card
Tyes</a></patTemplate:sub><patTemplate:sub

condition="default"></patTemplate:sub></patTe
mplate:tmpl><patTemplate:tmpl
name="userLinks" type="simplecondition"

varscope="userInfo"
requiredvars="USER_LOGGED_IN"><a
class="menuLink"             href="{PHP_SELF}?
file=shareLoad">Pass-An-Hour</a>
<a      class="menuLink"      href="{PHP_SELF}?
file=downloadPopup">Download    Popup</a><a
class="menuLink"

href="{PHP_SELF}?file=reloadAccount">Reload
Account</a><a                class="menuLink"
href="{PHP_SELF}?file=reloadHistory">Reload

History</a><a                class="menuLink"
href="{PHP_SELF}?file=checkUsage">Check
Usage</a><a class="menuLink"

href="{PHP_SELF}?
action=logout">Logout</a></patTemplate:tmpl>
</div></patTemplate:tmpl>


news.tmpl.html
```

```
<patTemplate:tmpl            name="bodyContent"
type="condition" conditionvar="LOGGED_IN">
<patTemplate:sub        condition="empty"><div
class="contentHeaderLeft"></div><div
class="contentHeader">
{ARTICLE_HEADER}</div><div
class="contentHeaderRight"></div><div
class="contentBody"><div class="contentText">
{ARTICLE_CONTENT}</div></div><div
class="contentFooter">posted              @
{ARTICLE_DATE}</div></patTemplate:sub>
<patTemplate:sub       condition="default"><div
class="contentHeader">Welcome :: {USERNAME}
   </div><div class="contentBody">
<table    align="center"><tr><!--   BEGIN  LEFT
COLUMN -->><td width="50%" valign="top"><div
class="bodyBlockHead">
<a class="homeHeaderLinks" href="{PHP_SELF}?
file=createAccount">Create Account</a></div>
<div    class="bodyBlockBody">Tired   of   using
gibberish  usernames  and  passwords  to dial up?
You can now avail of isp.net's user

account personalization. All you need is a prepaid
card.</div><br/><div class="bodyBlockHead">
<a class="homeHeaderLinks" href="{PHP_SELF}?
file=reloadAccount">Reload
Account</a></div><div class="bodyBlockBody">
Reloading Your Account is as easy as 1, 2, 3! Just
input the three fields (serial no., card username,
card password) and

you're ready to go. </div></td><!-- BEGIN RIGHT
COLUMN -->><td width="50%" valign="top"><div
class="bodyBlockHead">
<a class="homeHeaderLinks" href="{PHP_SELF}?
file=purchaseCard">Purchase
Card</a></div><div class="bodyBlockBody">
Do you have a credit card? Now you can purchase
cards online! It's fast and easy and uses Secure
Sockets Layer. It's easier

than    ever.    Purchase    your    cards    now!
</div><br/><div        class="bodyBlockHead"><a
class="homeHeaderLinks"

href="{PHP_SELF}?file=checkUsage">Check
Usage</a></div><div
class="bodyBlockBody">Want  to  know  your  login
dates and times?

You   can   monitor   your   session   usage   here.
</div></td></tr></table></div><div
class="contentFooter"></div></patTemplate:sub
>
</patTemplate:tmpl>


purchaseCard.tmpl.html
<patTemplate:tmpl name="bodyContent">
<div      class="contentHeader">Purchase    Card
Online :: {SUB_CATEGORY}</div>
<div      class="contentBody"><patTemplate:tmpl
name="selectCardType"><div
class="centered"><h3>Please   select   the   Card
Type You
```

```
Wish    to    Buy</h3></div><patTemplate:tmpl
name="noCardChoiceError"
type="simplecondition"
requiredvars="NO_CARD_CHOICE_ERROR">
<div
class="error">{NO_CARD_CHOICE_ERROR}</div>
</patTemplate:tmpl><table align="center">
<tr><th>Name</th><th>No.            of
Hours</th><th>No.            of      Days
Valid</th><th>Price</th><th>Select</th></tr>
<form                        method="POST"
action="{PHP_SELF}"><patTemplate:tmpl
name="generateCardTypes"
type="oddeven"><patTemplate:sub

condition="odd"><tr><td
class="row1">{GROUP_NAME_LABEL}</td><td
class="row1" align="center">{HOUR}</td>
<td                         class="row1"
align="center">{DURATION}</td><td
class="row1" align="center">{PRICE}</td>
<td          class="row1"         style="text-
align:center"><input class="simple" type="radio"
name="cardChoice"
value="{GROUP_NAME}"/></td>
</tr></patTemplate:sub><patTemplate:sub
condition="even"><tr><td
class="row2">{GROUP_NAME_LABEL}</td><td
class="row2"

align="center">{HOUR}</td><td    class="row2"
align="center">{DURATION}</td><td
class="row2" align="center">{PRICE}</td>
<td          class="row2"         style="text-
align:center"><input class="simple" type="radio"
name="cardChoice"
value="{GROUP_NAME}"/></td>
</tr></patTemplate:sub></patTemplate:tmpl><t
r><td  colspan="2"><input   class="buttonWide"
type="submit" value="Continue"/>
<input         type="hidden"         name="file"
value="{FILE_OUTPUT}"/><input    type="hidden"
name="action" value="doCardSelection"/></td>
</form><form                       method="POST"
action="{PHP_SELF}"><td     colspan="1"><input
class="buttonWide"              type="submit"
value="Cancel"/>
</td></form><td
colspan="2"></td></tr></table></patTemplate:t
mpl><patTemplate:tmpl
name="selectPaymentMode"

visibility="hidden"><div class="centered"><form
method="POST"      action="{PHP_SELF}"><select
name="paymentTypeId">
<patTemplate:tmpl
name="paymentTypes"><option
value="{PAYMENT_TYPE_ID}">{PAYMENT_TYPE_N
AME}</option></patTemplate:tmpl>
</select><input    class="button"    type="submit"
value="Proceed"/><input          class="button"
type="button" value="Back"

onClick="location='index.php?
file=purchaseCard'"/><input        type="hidden"
name="file" value="{FILE_OUTPUT}"/>
<input        type="hidden"        name="action"
value="selectPaymentMode"/></form></div></p
atTemplate:tmpl>

<patTemplate:tmpl
name="enterPaymentAccountInfo"
visibility="hidden"><table            align="center"
align="center"><tr>
<td      colspan="2"><h3>Please     enter    your
{PAYMENT_TYPE_NAME} Info</h3></td></tr>
<patTemplate:tmpl
name="paymentAccountInfoError"
type="simplecondition"
requiredvars="PAYMENT_INFO_ERROR"><tr>
<td                  colspan="2"><div
class="error">{PAYMENT_INFO_ERROR}</div></t
d></tr></patTemplate:tmpl><form
method="POST"

action="{PHP_SELF}"><tr><td>Select       Your
Bank</td><td><select
name="bankID"><patTemplate:tmpl
name="bankName">
<option
value="{BANK_ID_ROW}">{BANK_NAME_ROW}</
option></patTemplate:tmpl></select></td></tr
><tr>
<td>{CARD_NUM_LENGTH}            Digit
{PAYMENT_TYPE_NAME}
Number</td><td><input             type="text"
name="paymentCardNum"

value="{PAYMENT_CARD_NUM}"
maxlength="{CARD_NUM_LENGTH}"/></td>
</tr><tr><td>{PIN_LABEL_LENGTH}          Digit
Pin</td>
<td><input                  type="password"
name="paymentPinNum"
value="{PAYMENT_PIN_NUM}"
maxlength="{PIN_NUM_MAX_LENGTH}"/></td></
tr><tr>
<td       align="right"><input      class="button"
type="submit"            value="Submit"><input
type="hidden"                     name="file"
value="{FILE_OUTPUT}"/>
<input        type="hidden"        name="action"
value="checkPaymentAccountInfo"/></form></td
><td>
<form                         method="POST"
action="{PHP_SELF}"><input       class="button"
type="submit"            value="Back"/><input
type="hidden" name="action"

value="reSelectPaymentMode"/><input
type="hidden" name="file"

value="{FILE_OUTPUT}"/></form></td></tr></t
able></form></patTemplate:tmpl><patTemplate
:tmpl name="confirmCardPurchase"

visibility="hidden"><div
class="centered"><h3>You   have   selected   the
following       prepaid       card</h3></div><table
align="center"

cellspacing="1"
cellpadding="2"><tr><th>Name</th><th>No.
of       Hours</th><th>No.       of       Days
Valid</th><th>Price</th></tr>
<form                         method="POST"
action="{PHP_SELF}"><tr><td
class="row1">{GROUP_NAME}</td><td
class="row1" style="text-align:center">
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{HOUR}</td><td class="row1" style="text-align:center">{DURATION}</td><td class="row1" style="text-align:center">
{PRICE}</td></tr><tr><td><img src="images/px.gif" height="10"></td></tr><tr><th colspan="4">Your Card Payment

Information</th></tr><tr><td class="row2" colspan="2">Your card number</td><td class="row2" style="text-align:right"

colspan="2">{CARD_NUM}</td></tr><tr><td class="row1" colspan="2">Bank Name</td><td class="row1" style="text-align:right"

colspan="2">{BANK_NAME}</td></tr><tr><td> <img src="images/px.gif" height="10"></td></tr><tr><td colspan="2"> <input class="buttonWide" type="submit" value="Purchase Card"/><input type="hidden" name="file" value="{FILE_OUTPUT}"/>
<input type="hidden" name="action" value="finalizePurchase"/></td></form><form method="POST" action="{PHP_SELF}">
<td colspan="2"><input class="buttonWide" type="submit"
value="Cancel"/></td></form></tr></table></patTemplate:tmpl>
<patTemplate:tmpl name="displayCardPurchased" visibility="hidden"><div class="centered"><h3>You have successfully purchased a

Prepaid Card</h3></div><table align="center"><tr><th colspan="2">Your Card Payment Info</th></tr><tr><td class="row1">Card

Number</td><td class="row1">{PAYMENT_CARD_NUM}</td></tr> <tr><td class="row2">{BALANCE_LABEL}</td><td

class="row2">{BALANCE}</td></tr><tr><td><img src="images/px.gif" height="10"/></td></tr><tr><th colspan="2">Purchased Prepaid

Card Info</th></tr><tr><td class="row2">Card Username</td><td class="row2">{CARD_USERNAME}</td></tr><tr >
<td class="row1">Card Password</td><td class="row1">{CARD_PASSWORD}</td></tr><tr >
<td class="row2">Prepaid Card Name</td><td class="row2">{GROUP_NAME}</td></tr><tr><td class="row1">Hours</td><td

class="row1">{HOURS}</td></tr><tr><td class="row2">Days Valid (Upon First Use)</td><td class="row2">{DURATION}</td></tr><tr> <patTemplate:tmpl name="straightReload" varscope="displayCardPurchased" type="condition" conditionvar="USER_LOGGED_IN">

<patTemplate:sub condition="empty"><td align="center"><form method="POST" action="{PHP_SELF}"><input type="hidden"

name="cardUsername" value="{CARD_USERNAME}"/><input type="hidden" name="cardPassword" value="{CARD_PASSWORD}"/>
<input type="hidden" name="action" value="createAccount"/><input type="hidden" name="file" value="createAccount"/>

<input class="buttonWide" type="submit" class="wideButton" value="Plug In Values to Create

Account"/></form></td></patTemplate:sub><patTemplate:sub condition="default"><td align="center">
<form method="POST" action="{PHP_SELF}"> <input type="hidden" name="cardUsername" value="{CARD_USERNAME}"/>
<input type="hidden" name="cardPassword" value="{CARD_PASSWORD}"/><input type="hidden" name="action"

value="reloadAccount"/><input type="hidden" name="file" value="reloadAccount"/>

<input class="buttonWide" type="submit" class="wideButton" value="Plug In Values to Reload Account"/>
</form></td></patTemplate:sub></patTemplate :tmpl><td align="center"><form method="POST" action="printerfriendly.php"

target="_blank"><input type="hidden" name="cardUsername" value="{CARD_USERNAME}"/><input type="hidden" name="cardPassword"

value="{CARD_PASSWORD}"/><input class="buttonWide" type="submit" class="wideButton" value="Printer Friendly"/>
</form></td></tr></table></patTemplate:tmpl ></div><div class="contentFooter"></div></patTemplate:tmpl>


redirectLogin.tmpl.html
<patTemplate:tmpl name="bodyContent"><div class="contentHeader">You are not logged in! </div>
<div class="contentBody"><div class="contentText"><div class="alertMessage">You are not logged in! You will be redirected to

the login page.<div class="gensmall">&lt;redirecting in 3 seconds or click <a

href="index.php? file=login"><u>here</u></a>&gt;</div><script >window.setTimeout("location='index.php? file=login'",

3000)</script></div></div></div><div class="contentFooter"></div></patTemplate:tmpl>

reloadAccount.tmpl.html
<patTemplate:tmpl name="bodyContent">
<div class="contentHeader">Reload Your Account</div><div class="contentBody">
<div class="contentText"><patTemplate:tmpl name="reloadFormBody" varscope="bodyContent"><form action="{INDEX_PAGE}"

method="POST"><table><tr><td colspan="2"><h3>{SITENAME} Card Information</h3></td></tr>
<patTemplate:tmpl name="cardInfoError" type="simplecondition" requiredvars="CARD_INFO_ERROR"><tr><td colspan="2">
<div class="error">{CARD_INFO_ERROR}</span></td></tr></patTemplate:tmpl><tr><td class="centerContent">Card Username
</td><td class="centerContent"><input type="text" name="cardUsername" size="15" value="{CARD_USERNAME}"/></td>
</tr><tr><td class="centerContent">Card Password</td><td class="centerContent"><input type="password" name="cardPassword"

size="15" value="{CARD_PASSWORD}" /></td></tr><tr><td><img src="images/px.gif" height="10"/></td></tr><tr>
<td> </td><td><input class="button" type="submit" value="Reload Account"/></td><input type="hidden" name="file"

value="{FILE_OUTPUT}" /><input type="hidden" name="action" value="reloadAccount" /></tr></table>

</form></patTemplate:tmpl><patTemplate:tmpl name="reloadFinished" type="condition" conditionvar="FINALIZED_ERROR"

visibility="hidden"><patTemplate:sub condition="empty"><div class="alertMessage">Congratulations! You have successfully

reloaded your account!<div class="gensmall">&lt;redirecting in 3 seconds or click <a

href="index.php?file=reloadHistory"><u>here</u></a>&gt;</div><script>window.setTimeout("location='index.php?file=reloadHistor

y'",
3000)</script></div></patTemplate:sub><patTemplate:sub condition="default"><div class="error">{FINALIZED_ERROR}</div>
</patTemplate:sub></patTemplate:tmpl></div>
</div><div

class="contentFooter"> </div></patTemplate:tmpl>

reloadHistory.tmpl.html
<patTemplate:tmpl name="bodyContent">
<div class="contentHeader">Reload History</div>
<div class="contentBody"><div class="contentText"><table cellspacing="0" cellpadding="2">
<tr><th>Date</th><th>Time</th><th>Card Type</th><th>Username</th><th>Password</th><th>Hours</th></tr>
<patTemplate:tmpl name="reloadHistoryRow" type="oddeven"><patTemplate:sub condition="odd">
<tr><td class="row1">{DATE_RELOADED}</td><td class="row1">{TIME_RELOADED}</td><td class="row1">{GROUP_NAME}</td>
<td class="row1">{CARD_USERNAME}</td><td class="row1">{CARD_PASSWORD}</td><td align="center"

class="row1">{TOTAL_TIME_LIMIT}</td></tr></patTemplate:sub><patTemplate:sub condition="even">
<tr><tr><td class="row2">{DATE_RELOADED}</td><td class="row2">{TIME_RELOADED}</td><td class="row2">{GROUP_NAME}</td>
<td class="row2">{CARD_USERNAME}</td><td class="row2">{CARD_PASSWORD}</td><td align="center"

class="row2">{TOTAL_TIME_LIMIT}</td></tr></patTemplate:sub></patTemplate:tmpl></table></div></div>
<div class="contentFooter"> </div></patTemplate:tmpl>

shareLoad.tmpl.html
<patTemplate:tmpl name="bodyContent"><div class="contentHeader">Pass-An-Hour </div>
<div class="contentBody"><div class="contentText"><patTemplate:tmpl name="shareFormBody" varscope="bodyContent"><form

action="{INDEX_PAGE}" method="POST"><table><tr><td colspan="2"><h3>{SITENAME} Pass-An-Hour System</h3></td></tr>
<patTemplate:tmpl name="shareInfoError" type="simplecondition" requiredvars="SHARE_INFO_ERROR"><tr><td colspan="2">
<div class="error">{SHARE_INFO_ERROR}</span></td></tr></patTemplate:tmpl><tr><td class="centerContent">Username
</td><td class="centerContent"><input type="text" name="shareUsername" size="15" value="{SHARE_USERNAME}"/>
</td></tr><tr><td class="centerContent">Number of Hours

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</td><td        class="centerContent"><input
type="text" name="shareHour"

size="15"              value="{SHARE_HOUR}"
/></td></tr><tr><td><img src="images/px.gif"
height="10"/></td></tr>
<tr><td> </td><td><input class="button"
type="submit"              value="Pass-An-
Hour"/></td><input type="hidden" name="file"

value="{FILE_OUTPUT}" /><input type="hidden"
name="action"         value="shareYourHours"
/></tr></table>

</form></patTemplate:tmpl><patTemplate:tmpl
name="shareFinished"         type="condition"
conditionvar="FINALIZED_ERROR"

visibility="hidden"><patTemplate:sub
condition="empty"><div
class="alertMessage">{MESSAGE}<div

class="gensmall">&lt;redirecting in 7 seconds or
click         <a         href="index.php?
file=checkUsage"><u>here</u></a>&gt;</div>
<script>window.setTimeout("location='index.php?
file=checkUsage'",
7000)</script></div></patTemplate:sub>
<patTemplate:sub condition="default">  <div
class="error">{FINALIZED_ERROR}</div></patTe
mplate:sub>
</patTemplate:tmpl></div></div><div
class="contentFooter"> </div></pattempla
te:tmpl>


viewCardTypes.tmpl.html
<patTemplate:tmpl name="bodyContent">
<div
class="contentHeader">{SUB_CATEGORY}</div>
<div            class="contentBody"><table
align="center">
<tr><th>Name</th><th>No.            of
Hours</th><th>No.    of    Days
Valid</th><th>Price</th></tr>
<patTemplate:tmpl    name="generateCardTypes"
type="oddeven"><patTemplate:sub
condition="odd">
<tr><td
class="row1">{GROUP_NAME_LABEL}</td><td
class="row1" align="center">{HOUR}</td>
<td                        class="row1"
align="center">{DURATION}</td><td
class="row1" align="center">{PRICE}</td></tr>
</patTemplate:sub><patTemplate:sub
condition="even"><tr><td
class="row2">{GROUP_NAME_LABEL}</td>
<td                        class="row2"
align="center">{HOUR}</td><td    class="row2"
align="center">{DURATION}</td>
<td                        class="row2"
align="center">{PRICE}</td></tr></patTemplat
e:sub></patTemplate:tmpl></table>
</div><div
class="contentFooter"></div></patTemplate:tmp
l>


viewPromos.tmpl.html
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<patTemplate:tmpl   name="bodyContent"><div
class="contentHeader">ISP.NET Promos</div>
<div            class="contentBody"><div
class="contentText"><table    cellspacing="1"
cellpadding="2">
<tr><th>Type</th><th>Start           Date
Effective</th><th>End                Date
Effective</th><th>From</th><th>To</th><th>
Discount</th></tr>
<patTemplate:tmpl             name="promoRow"
type="oddeven"><patTemplate:sub
condition="odd">
<tr><td          class="row1">{TYPE}</td><td
class="row1">{START_DATE_EFFECTIVE}</td><t
d class="row1">{END_DATE_EFFECTIVE}</td>
<td        class="row1">{START_TIME}</td><td
class="row1">{STOP_TIME}</td><td
align="center"           class="row1">{RATE}%
Off</td></tr>
</patTemplate:sub><patTemplate:sub
condition="even"><tr><td
class="row2">{TYPE}</td><td
class="row2">{START_DATE_EFFECTIVE}</td><t
d
class="row2">{END_DATE_EFFECTIVE}</td><td
class="row2">{START_TIME}</td>
<td         class="row2">{STOP_TIME}</td><td
align="center"          class="row2">{RATE}%
Off</td></tr></patTemplate:sub></patTemplate:
tmpl></table></div></div><div
class="contentFooter"> </div></patTempla
te:tmpl>


addAdmin.php
<?php
include ("common.php");
$tmpl = initTemplate("addAdmin.tmpl.html");
if        (isset($_GET['username'])        &&
isset($_GET['password'])                   &&
isset($_GET['confirmPassword']))
{$addAdmin = true;if (!preg_match("/^[0-9A-Za-
z\-\_]+$/", $_GET['username']))
{$addAdminUserError .= "The Username must
only  be  composed  of  numbers,  letters,
underscores and dashes.";$addAdmin = false;}
else{$user  =  $_GET['username'];$query  =
"SELECT * FROM radcheck WHERE UserName =
'$user';";$result

=mysql_query($query,$dbConnection);if (($row =
mysql_num_rows($result))        >         0)
{$addAdminUserError .= "The Username entered

already  exists.";$addAdmin  =  false;}else{if  (!
preg_match("/^[0-9A-Za-z\-\_]+$/",
$_GET['password']))
{$addAdminPasswordError .= "The Password must
only   be   composed   of   numbers,   letters,
underscores and dashes.";$addAdmin =

false;}else{if($_GET['password']             ==
$_GET['confirmPassword']){$password      =
$_GET['password'];$query1=     "INSERT     INTO
radcheck
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VALUES('',   '$user','Password',   '$password');";
$result1 = mysql_query($query1, $dbConnection);
$query2 = "INSERT INTO radcheck

VALUES('',   '$user','Account-Type',   'admin');";
$result2    =    mysql_query($query2,
$dbConnection);}

else{$addAdminConfirmPasswordError .= "Please
check your Password.";$addAdmin = false;}}}}}
if ($addAdmin){$header    = "Adding of New
Admin  Successful!";$message = "You  have
successfully added a new administrator";$url

="admin.php";header("location:showMessage.php
?
message=$message&url=$url&header=$header")
;}else{$tmpl->addVar("addAdminUserErr

or",   "ERROR",   $addAdminUserError);$tmpl-
>addVar("addAdminPasswordError", "ERROR",

$addAdminPasswordError);$tmpl-
>addVar("addAdminConfirmPasswordError",
"ERROR", $addAdminConfirmPasswordError);
$tmpl->addVar("bodyContent",        "USER",
$_GET['username']);$tmpl-
>addVar("bodyContent",        "PASSWORD",
$_GET['password']);
$tmpl->addVar("bodyContent",
"CONFIRM_PASSWORD",
$_GET['confirmPassword']);}$tmpl-
>displayParsedTemplate();?>



admin.php
<?php   include   ("common.php");$tmpl   =
initTemplate("home.tmpl.html");$tmpl-
>displayParsedTemplate();?>


adminAuthenticate.php
<?php  if  (!$_SESSION['isAdmin']){echo  "FATAL
ERROR:  You  are  not  an  administrator  of  this
site.";exit;}?>


browseAdmins.php
<?php
include ("common.php");
if             (!$_GET){$allUsers             =
radcheckGetUsers(0,30,"admin");}
else   if   (isset($_GET['startlimit'])   &&
isset($_GET['limitlength']))
{$allUsers = radcheckGetUsers($_GET['startlimit'],
$_GET['limitlength'], "card");}
$tmpl                                    =
initTemplate("browseAdmins.tmpl.html");if
($allUsers)
{foreach ($allUsers as $UserName => $avPairs)
{$tmpl->addVars("userRow",            array
  ("BROWSE_USERNAME"=>$UserName,);
$tmpl->parseTemplate("userRow", "a");}}
else{$tmpl->setAttribute("userRow",   "visibility",
"hidden");$tmpl->addVar("noRow",   "NO_ROWS",
"There are currently no
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Administrators.");}$tmpl-
>displayParsedTemplate();?>


browseCards.php
<?php include ("common.php");
if             (!$_GET){$allUsers             =
radcheckGetUsers(0,30,"card");}
else   if   (isset($_GET['startlimit'])   &&
isset($_GET['limitlength']))
{$allUsers = radcheckGetUsers($_GET['startlimit'],
$_GET['limitlength'], "card");}
$tmpl = initTemplate("browseCards.tmpl.html");
if ($allUsers){foreach ($allUsers as $UserName =>
$avPairs)
{$UserNames[] = $UserName;$TotalTimeLimits[]
=   $avPairs['Total-Time-Limit'];$Expirations[]   =
$avPairs['Expiration'];
$Passwords[]        =        $avPairs['Password'];
$GroupNames[]                              =
$avPairs['GroupName'];}array_multisort
($TotalTimeLimits, SORT_NUMERIC,

$GroupNames,   $UserNames,   $Expirations,
$Passwords);$tmpl->addVars("userRow",
array("BROWSE_USERNAME"=>$UserNames,
"TOTAL_TIME_LIMIT"=>$TotalTimeLimits,"EXPIRAT
ION"=>$Expirations,"PASSWORD"=>$Passwords,"
GROUPNAME"=>$GroupNames));}
else{$tmpl->setAttribute("userRow",    "visibility",
"hidden");$tmpl->addVar("noRow",    "NO_ROWS",
"There are no cards for this

selection");}$tmpl->displayParsedTemplate();?>


browseUsers.php
<?phpinclude ("common.php");
if             (!$_GET){$allUsers             =
radcheckGetUsers(0,30,"personal");}
else   if   (isset($_GET['startlimit'])   &&
isset($_GET['limitlength']))
{$allUsers = radcheckGetUsers($_GET['startlimit'],
$_GET['limitlength'], "personal");}$tmpl =

initTemplate("browseUsers.tmpl.html");
if ($allUsers){foreach ($allUsers as $UserName =>
$avPairs){$tmpl->addVars("userRow",
array("BROWSE_USERNAME"=>$UserName,
"TOTAL_TIME_LIMIT"=>$avPairs['Total-Time-
Limit'],"EXPIRATION"=>$avPairs['Expiration'],"PAS
SWORD"=>$avPairs['Password'],
"GROUPNAME"=>$avPairs['GroupName']));$tmpl-
>parseTemplate("userRow", "a");}}
else{$tmpl->setAttribute("userRow",    "visibility",
"hidden");$tmpl->addVar("noRow",    "NO_ROWS",
"There are no users for this

selection");}$tmpl->displayParsedTemplate();?>


changePassword.php
<?php include ("common.php");
$tmpl                                    =
initTemplate("changePassword.tmpl.html");
if      (isset($_GET['newPassword'])      &&
isset($_GET['confirmNewPassword']))
{$changePassword = true;
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```php
if          (!preg_match("/^[0-9A-Za-z\-\_]+$/",
$_GET['newPassword'])){
$changePasswordError .= "The Password must
only  be  composed  of  numbers,  letters,
underscores and dashes.";$changePassword =

false;}else      {if($_GET['newPassword']    ==
$_GET['confirmNewPassword']){$newPassword   =
$_GET['newPassword'];
$userName = $_SESSION['username'];$query =
"UPDATE radcheck SET Value = '$newPassword'
WHERE UserName = '$userName' AND

Attribute      =      'Password';";$result    =
mysql_query($query, $dbConnection);} else{
$confirmPasswordError .= "Please  check  your
password.";$changePassword = false;}}}
if ($changePassword){$header  =       "Change
Password Successful!";$message = "You  have
successfully changed your password";
$url                                      =
"admin.php";header("location:showMessage.php?
message=$message&url=$url&header=$header")
;}else{
$tmpl->addVar("changePasswordError",  "ERROR",
$changePasswordError);$tmpl-
>addVar("confirmPasswordError", "ERROR",

$confirmPasswordError);$tmpl-
>addVar("bodyContent",       "NEW_PASSWORD",
$_GET['newPassword']);$tmpl-
>addVar("bodyContent",

"NEW_CONFIRM_PASSWORD",
$_GET['confirmNewPassword']);}$tmpl-
>displayParsedTemplate();?>


common.php
<?php
session_start();
include("../config.php");
include("adminAuthenticate.php");
include($configDir["include"]."/dbConnect.php");
include($configDir["include"]."/patTemplate.php");
include($configDir["include"]."/siteConfig.php");
include($configDir["include"]."/functions.php");
include($configDir["include"]."/radDbFunc.php");
include($configDir["include"]."/paymentFunc.php")
;
include($configDir["include"]."/initTemplate.php");
?>


config.php
<?php
/*----- SET DATABASE PARAMETERS HERE -----*/
$config["database"]["host"]    =    "localhost";
$config["database"]["user"] = "root";
$config["database"]["pass"]    =    "password";
$config["database"]["name"] = "radius";
define("DB_PREFIX",   "ispnet");$config["dbTable"]
["AboutInfo"] = DB_PREFIX."AboutInfo";
$config["dbTable"]["Account"]              =
DB_PREFIX."Account";$config["dbTable"]["Bank"]
= DB_PREFIX."Bank";
$config["dbTable"]["Card"]  =  DB_PREFIX."Card";
$config["dbTable"]["Config"]               =
DB_PREFIX."Config";

$config["dbTable"]["CreditRate"]           =
DB_PREFIX."CreditRate";$config["dbTable"]
["HomeContent"] = DB_PREFIX."HomeContent";
$config["dbTable"]["Load"]  =  DB_PREFIX."Load";
$config["dbTable"]["LoadType"]             =
DB_PREFIX."LoadType";
$config["dbTable"]["PromoPeriod"]          =
DB_PREFIX."PromoPeriod";$config["dbTable"]
["Session"] = DB_PREFIX."Session";
/*----- SET DIRECTORIES HERE -----*/
$config["dir"]["include"]      =      "../include";
$config["dir"]["images"] = "images";$config["dir"]
["templates"] = "templates";
/*----- SET FILENAMES HERE -----*/
$config["files"]["home"] = "home";$config["files"]
["about"]      =      "about";$config["files"]
["createAccount"] = "createAccount";
$config["files"]["reloadAccount"]          =
"reloadAccount";$config["files"]["checkUsage"] =

"checkUsage";$config["files"]["changePassword"]
= "changePassword";
/*----- ALTERNATIVE NAMING CONVENTIONS -----*/
$configDir     =     &$config["dir"];$configDB    =
$config["database"];
$configFiles  =  &$config["files"];$configTable   =
&$config["dbTable"];?>


confirmActivation.php
<?php      include      ("common.php");$tmpl    =
initTemplate("confirmActivation.tmpl.html");
if                                      (!$_GET)
{header("location:manageCardTypes.php");}else if
(isset($_GET['activate']))
{$tmpl->addVar("bodyContent",   "GROUP_NAME",
$_GET['activate']);}$tmpl-
>displayParsedTemplate();?>


deleteBank.php
<?php      include      ("common.php");$tmpl    =
initTemplate("deleteBank.tmpl.html");
if                                      (!$_GET)
{header("location:manageBanks.php");}
else      if      (isset($_GET['bankID'])){$tmpl-
>addVars("bodyContent",   array("BANK_ID"   =>
$_GET['bankID'],"BANK_NAME" =>

$_GET['bankName']));}$tmpl-
>displayParsedTemplate();?>


editBank.php
<?php      include      ("common.php");$tmpl    =
initTemplate("editBank.tmpl.html");
if                                      (!$_GET)
{header("location:manageBanks.php");}else      if
(isset($_GET['bankID'])){$tmpl-
>addVars("bodyContent",

array("BANK_ID"                            =>
$_GET['bankID'],"BANK_NAME"                =>
$_GET['bankName'],"BANK_INFO"              =>
$_GET['bankInfo']));}
$tmpl->displayParsedTemplate();?>


editGroup.php
```

```php
<?php include ("common.php");
if                              (!$_GET)
{header("location:manageCardTypes.php");}
else      if      (isset($_GET['editgroup']))
{$_SESSION['oldGroupName']                =
$_GET['editgroup'];
$_GET['groupName']        =        $_GET['editgroup'];
$_GET['totalTimeLimit']                        =
radgroupcheckGetAttribute($_GET['groupName'],

"Total-Time-Limit")/3600;$_GET['expiration']

   =
radgroupcheckGetAttribute($_GET['groupName'],
"Expiration");
$_GET['price']  =
radgroupcheckGetAttribute($_GET['groupName'],
"Price");}
else   if   (issetVars(array   ($_GET['groupName'],
$_GET['totalTimeLimit'],        $_GET['expiration'],
$_GET['price'])))
{$cardFormValid = true;
if    (notEmptyVars(array    ($_GET['groupName'],
$_GET['totalTimeLimit'],        $_GET['expiration'],
$_GET['price'])))
{if   (!myIsInt($_GET['totalTimeLimit'])    ||    !
myIsInt($_GET['expiration'])                   ||                   !
myIsInt($_GET['price']))
{$cardFormError = "The <i>Number of Hours</i>,
<i>Expiration</i>  and  <i>Price</i>  must  be
composed of numbers

only.<br/>";$cardFormValid   =   false;}if   (!
preg_match("/^[0-9A-Za-z\-]+$/",
$_GET['groupName'])){
$cardFormError .= "The Card Name may only be
composed  of  numbers,  letters,  and  dashes.";
$cardFormValid = false;}else if

(radgroupcheckGroupExists($_GET['groupName'])
&&        $_SESSION['oldGroupName']        !=
$_GET['groupName']){$cardFormError  .=   "The
Card

Name    you    specified    already    exists.";
$cardFormValid = false;}}else {$cardFormError =
"All fields must not be

BLANK.<br/>";$cardFormValid = false;}}
if   ($cardFormValid   ==   true){editGroup(
   $_SESSION['oldGroupName'],
$_GET['groupName'], array        ("Total-Time-
Limit" =>

$_GET['totalTimeLimit']*3600,"Expiration"=>
$_GET['expiration'], "Price"=> $_GET['price'],));
$message        =        "Card        Type        ".
$_SESSION['oldGroupName']." editted

successfully";header("location:manageCardTypes.
php?message=$message");}
$tmpl = initTemplate("editGroup.tmpl.html");
if    ($cardFormValid    ==    false){$tmpl-
>addVar("addCardFormError",               "ERROR",
$cardFormError);$tmpl->addVars("addCardForm",
array

("GROUP_NAME"            =>
$_GET['groupName'],"TOTAL_TIME_LIMIT"
=>$_GET['totalTimeLimit'],"EXPIRATION"  =>
$_GET['expiration'],"PRICE"=>     $_GET['price']));}
$tmpl->displayParsedTemplate();?>


generateCards.php
<?php  include  ("generateCards.inc.php");include
("common.php");
$tmpl                                        =
initTemplate("generateCards.tmpl.html");if
(isset($_GET['groupName'])                        &&
isset($_GET['quantity'])){$generateValid =

true;if             (!myIsInt($_GET['quantity']))
{$generateError  =  "The  quantity  must  be
composed of numbers only.";$generateValid =

false;}}if  ($generateValid){for  ($i  =0;  $i  <
$_GET['quantity']; $i++){$genCard =

generateCard();createCard($genCard['UserName'],
$genCard['Password'],        $_GET['groupName']);}
$header            =            "Generation of

Cards    Successful!";$message    =    'You    have
successfully    generated    '.$_GET['quantity'].'    '.
$_GET['groupName'].' cards.';$url =

"generateCards.php";header("location:showMessa
ge.php?
message=$message&url=$url&header=$header")
;}else{$tmpl->addVar("generate

Error",        "ERROR",        $generateError);$tmpl-
>addVar("bodyContent",                "QUANTITY",
$_GET['quantity']);}$cardTypes =

radgroupcheckGet();foreach      ($cardTypes     as
$GroupName => $avPair){if ($avPair['Status'] ==
"Active")$groupnames[] =

$GroupName;}$tmpl->addVar("groupNames",
"GROUP_NAME",                $groupnames);$tmpl-
>displayParsedTemplate();?>


manageBanks.php
<?php include ("common.php");
$tmpl = initTemplate("manageBanks.tmpl.html");if
(isset($_GET['delete']))
{deleteBank($_GET['delete']);$header        =        "You
have  deleted  the  Bank  ".$_GET['bankName']."!";
$message = "You have

successfully  deleted  an  existing  Bank  in  Your
Database";$url =

"manageBanks.php";header("location:showMessag
e.php?
message=$message&url=$url&header=$header")
;}
else                if                (isset($_GET['edit']))
{editBank($_GET['edit'],        $_GET['bankName'],
$_GET['bankInfo']);$header        =        "You        have
edited
```

the Bank ".$_GET['bankName'];$message = "You have successfully edited an existing Bank in Your Database";$url =

"manageBanks.php";header("location:showMessage.php?
message=$message&url=$url&header=$header")
;}
else if (issetVars(array ($_GET['bankName'],
$_GET['bankInfo'])))
{$bankFormValid = true;if (notEmptyVars(array
($_GET['bankName'], $_GET['bankInfo']))){if (!
preg_match("/^[0-9A-Za-z\-]+$/",

$_GET['bankName'])){$bankFormError .= "The Bank Name may only be composed of numbers, letters, and dashes.";$bankFormValid =

false;}}else {$bankFormError = "All fields must not be BLANK.<br/>";$bankFormValid = false;}
$tmpl->addVars("bodyContent", array
("BANK_NAME" => $_GET['bankName'],
"BANK_INFO" => $_GET['bankInfo']));}
if ($bankFormValid == true)
{addBank($_GET['bankName'], $_GET['bankInfo']);
$header = "New Bank Added Successfully!";
$message = "You have successfully added the
bank <i><u>".$_GET['bankName']."</u></i>";
$url = "manageBanks.php";
header("location:showMessage.php?
message=$message&url=$url&header=$header")
;}
else{$tmpl->addVar("bankError", "BANK_ERROR",
$bankFormError);}
$query = "SELECT * FROM paymentBanks";
$result = mysql_query ($query, $dbConnection);
while ($row = mysql_fetch_object($result)){$tmpl-
>addVars("bankRow", array("BANK_NAME_ROW"
=> $row->bankName,"BANK_INFO_ROW"

=> $row->bankInfo,"BANK_ID_ROW" => $row-
>bankID);$tmpl->parseTemplate("bankRow",
"a");}$tmpl->displayParsedTemplate();?>


manageCardTypes.php
<?php include ("common.php");
if (!$_GET){if (!isset($_SESSION['showaddform']))
$_SESSION['showaddform'] = "yes";if (!
isset($_SESSION['hidenote']))
$_SESSION['hidenote'] = "no";}if
(isset($_GET['showaddform']))
{$_SESSION['showaddform'] =
$_GET['showaddform'];}else if
(isset($_GET['hidenote'])){$_SESSION['hidenote']
= $_GET['hidenote'];}else if
(isset($_GET['message'])){$message = "You have
successfully changed your password";$url =
"manageCardTypes.php";header("location:showMe
ssage.php?message=$message&url=$url");}else
if (isset($_GET['delete']))
{deleteGroup($_GET['delete']);$header = "You
have deleted card type ".$_GET['delete']."!";
$message = "You have successfully deleted an
empty card type";$url =
"manageCardTypes.php";header("location:showMe
ssage.php?

message=$message&url=$url&header=$header")
;}
else if (isset($_GET['reactivate']))
{radgroupcheckUpdate($_GET['reactivate'],
"Status", "Active");}
else if (isset($_GET['deactivate'])){
radgroupcheckUpdate($_GET['deactivate'],
"Status", "De-Activated");}
else if (isset($_GET['activate']))
{radgroupcheckUpdate($_GET['activate'], "Status",
"Active");$header = "Activation Successful!";
$message = "You have successfully activated card
type <i><u>".$_GET['activate']."</u></i>";$url =
"manageCardTypes.php";header("location:showMe
ssage.php?
message=$message&url=$url&header=$header")
;}
else if (issetVars(array ($_GET['groupName'],
$_GET['totalTimeLimit'], $_GET['expiration'],
$_GET['price']))){$cardFormValid = true;if
(notEmptyVars(array ($_GET['groupName'],
$_GET['totalTimeLimit'], $_GET['expiration'],
$_GET['price']))){if (!
myIsInt($_GET['totalTimeLimit']) || !
myIsInt($_GET['expiration']) || !
myIsInt($_GET['price'])){$cardFormError = "The
<i>Number of Hours</i>, <i>Expiration</i> and
<i>Price</i> must be composed of numbers
only.<br/>";$cardFormValid = false;}if (!
preg_match("/^[0-9A-Za-z\-]+$/",
$_GET['groupName'])){$cardFormError .= "The
Card Name may only be composed of numbers,
letters, and dashes.";$cardFormValid = false;}else
if
(radgroupcheckGroupExists($_GET['groupName']))
{$cardFormError .= "The Card Name you specified
already exists.";$cardFormValid = false;}}else
{$cardFormError = "All fields must not be
BLANK.<br/>";$cardFormValid = false;}}if
($cardFormValid == true){
addGroup($_GET['groupName'], array("Total-
Time-Limit"=>
$_GET['totalTimeLimit']*3600,"Expiration"=>
$_GET['expiration'], "Price" =>
$_GET['price'],"Simultaneous-Use"=>
"1","Status"=>
"Pending"$_SESSION['showaddform'] = "no";
$header = "Card Type Created
Successfully!";$message = "You have successfully
created a new card type";$url =
"manageCardTypes.php";header("location:showMe
ssage.php?
message=$message&url=$url&header=$header")
;}$groupTypes = radgroupcheckGet();foreach
($groupTypes as $GroupName => $avPair)
{$GroupNames[] = $GroupName;
$TotalTimeLimits[] = $avPair['Total-Time-
Limit']/ 3600;$Expirations[] =
$avPair['Expiration'];$Prices[] =
$avPair['Price'];$Statuses[]= $avPair['Status'];
if ($avPair['Status'] == "Pending"){$editLink
= "<a href=\"editGroup.php?
editgroup=$GroupName\">Edit</a>";
$activateLink = "<a
href=\"confirmActivation.php?
activate=$GroupName\">Activate</a>";}
else if ($avPair['Status'] == "Active")
{$activateLink = "<a href=\"".
$_SERVER['PHP_SELF']."?

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```php
deactivate=$GroupName\">De-Activate</a>";
$editLink        = "----";}
else if ($avPair['Status'] == "De-Activated"){
$activateLink=            "<a            href=\"".
$_SERVER['PHP_SELF']."?
reactivate=$GroupName\">Re-Activate</a>";
$editLink    =    "----";}$editLinks[]=    $editLink;
$activateLinks[]= $activateLink;
if (checkGroupCleared($GroupName)){$deleteLink
=         "<a          href=\"deleteGroup.php?
delete=$GroupName\">Delete</a>";}
else{$deleteLink         =         "----";}$deleteLinks[]=
$deleteLink;}$tmpl                            =
initTemplate("manageCardTypes.tmpl.html");
if ($_SESSION['showaddform']  ==  "yes"){$tmpl-
>setAttribute("addCardForm",         "visibility",
"visible");$tmpl->setAttribute("plusLink",
"visibility",               "hidden");$tmpl-
>setAttribute("minusLink",         "visibility",
"visible");}else if ($_SESSION['showaddform'] ==
"no"){$tmpl->setAttribute("addCardForm",
"visibility",               "hidden");$tmpl-
>setAttribute("plusLink",  "visibility",  "visible");
$tmpl->setAttribute("minusLink",      "visibility",
"hidden");}
if   ($_SESSION['hidenote']   ==   "no"){$tmpl-
>setAttribute("hideNote",  "visibility",  "visible");
$tmpl->setAttribute("showNote",      "visibility",
"hidden");$tmpl->setAttribute("note",  "visibility",
"visible");}else    if    ($_SESSION['hidenote']    ==
"yes"){$tmpl->setAttribute("hideNote", "visibility",
"hidden");$tmpl->setAttribute("showNote",
"visibility",     "visible");$tmpl->setAttribute("note",
"visibility", "hidden");}
if      ($cardFormValid       ==       false){$tmpl-
>addVar("addCardFormError",          "ERROR",
$cardFormError);$tmpl->addVars("addCardForm",
array ("GROUP_NAME"=>
$_GET['groupName'],"TOTAL_TIME_LIMIT"
=>$_GET['totalTimeLimit'],"EXPIRATION"  =>
$_GET['expiration'],"PRICE"=> $_GET['price']));}
$tmpl->addVars("cardTypeRow",
array("GROUP_NAME"=>
$GroupNames,"TOTAL_TIME_LIMIT"=>
$TotalTimeLimits,"EXPIRATION"=>
$Expirations,"PRICE"=>      $Prices,"STATUS"=>
$Statuses,                       "EDIT_LINK"=>
$editLinks,"ACTIVATE_LINK"=> $activateLinks,
"DELETE_LINK"=>               $deleteLinks,));$tmpl-
>displayParsedTemplate();?>




managePromoHours.php
<?php include ("common.php");
$tmpl=
initTemplate("managePromoHours.tmpl.html");
$query="SELECT * FROM sessionRates";
$result       =mysql_query           ($query,
$dbConnection);
while ($row = mysql_fetch_object($result))
{$tmpl->addVars("sessionRateRow",            array
  ("SESSION_TYPE_ROW"=>$row-
>sessionRateType,"START_TIME_ROW"=>$row-
>startTime,"END_TIME_ROW"=>$row->stopTime,
"START_DATE_EFFECTIVE_ROW"=>substr($row-
>startDateEffective,0,10),"END_DATE_EFFECTIVE_
ROW"=>substr($row-
>endDateEffective,0,10),"SESSION_RATE_ROW"=
```

```php
>$row->sessionRate));$tmpl-
>parseTemplate("sessionRateRow", "a");}
if         ((isset($_GET['promo'])           &&
isset($_GET['startTime'])             &&
isset($_GET['endTime']) && $_GET['startDate']) &&
isset($_GET['endDate'])                     &&
isset($_GET['sessionRate'])))($managePromo    =
true;
if            ((!preg_match("/^[0-9\:]+$/",
$_GET['startTime'])) && (!preg_match("/^[0-9\:]+
$/", $_GET['endTime'])))
{$managePromoError .= "The Start and End Time
must    only    be    composed    of    numbers.";
$managePromo = false;}else
{if((!preg_match("/^[0-9\-]+$/",
$_GET['startDate'])) && (!preg_match("/^[0-9\-]+
$/", $_GET['endDate'])))
{$managePromoError .= "The Start and End Date
must    only    be    composed    of    numbers.";
$managePromo = false;}
else{$managePromo      =       true;$promo      =
$_GET['promo'];$startTime  =  $_GET['startTime'];
$endTime = $_GET['endTime'];
$startDate    =    $_GET['startDate'];$endDate    =
$_GET['endDate'];$sessionRate            =
$_GET['sessionRate'];
$query = "UPDATE sessionRates SET startTime =
'$startTime',        stopTime            =
'$endTime',startDateEffective     =     '$startDate',
endDateEffective  =  '$endDate',sessionRate  =
'$sessionRate'WHERE        sessionRateType     =
'$promo';";$result       =       mysql_query($query,
$dbConnection);         }}}if       ($managePromo)
{$header      =      "Promo     Hours     Changed
Successfully!";$message = "You have successfully
changed        the        Promo        Hours";$url
="managePromoHours.php";header("location:sho
wMessage.php?
message=$message&url=$url&header=$header")
;}else{
$tmpl->addVar("managePromoError",      "ERROR",
$managePromoError);$tmpl-
>addVar("bodyContent",            "START_TIME",
$_GET['startTime']);$tmpl-
>addVar("bodyContent",             "END_TIME",
$_GET['endTime']);$tmpl->addVar("bodyContent",
"SESSION_RATE",       $_GET['sessionRate']);$tmpl-
>addVar("bodyContent",            "START_DATE",
$_GET['startDate']);$tmpl->addVar("bodyContent",
"END_DATE",              $_GET['endDate']);}$tmpl-
>displayParsedTemplate();?>




searchUser.php
<?php include ("common.php");
if           (issetVars(array($_GET['searchquery'],
$_GET['searchfield'], $_GET['searchposition'])))
{if      (trim($_GET['searchquery'])      !=      "")
{$searchResult                            =
userProfileSearch($_GET['searchquery'],
$_GET['searchposition'],
$_GET['searchfield']);}else {$searchError = "You
must input a search query.";}}
$tmpl  =  initTemplate("searchUser.tmpl.html");if
($searchResult){$tmpl->addVars("userRow", array

("SEARCH_USERNAME"=>$searchResult['UserNam
e'],"FIRSTNAME"=>$searchResult['firstName'],
```

"MIDDLENAME"=>$searchResult['middleName'],"LASTNAME"=>$searchResult['lastName'],"ADDRESS"=>$searchResult['address'],
"TELNO"=>$searchResult['telNo'],"AGE"=>$searchResult['age'],"GENDER"=>$searchResult['gender'],"OCCUPATION"=>$searchResult['occupation']));
$tmpl->setAttribute("searchResults", "visibility", "visible");
switch (strtolower($_GET['searchposition'])){case 'm' : $searchposition = "anywhere"; break;case 's' : $searchposition = "start"; break;case 'e' : $searchposition = "end"; break;}$tmpl->addVars("searchResults", array ("SEARCH_TEXT" => $_GET['searchquery'],"SEARCH_FIELD" => $_GET['searchfield'],"SEARCH_POSITION" => $searchposition,"SEARCH_COUNT" => count($searchResult['UserName'])));}else if ($searchError){$tmpl->setAttribute("userRow", "visibility", "hidden");$tmpl->addVar("searchError", "SEARCH_ERROR", $searchError);$tmpl->setAttribute("userRow", "visibility", "hidden");$tmpl->setAttribute("noRow", "visibility", "visible");}else if ($_GET){$tmpl->setAttribute("userRow", "visibility", "hidden");$tmpl->addVar("noRow", "NO_ROWS", "Your search returned 0 results.");$tmpl->setAttribute("userRow", "visibility", "hidden");$tmpl->setAttribute("noRow", "visibility", "visible");}$tmpl->displayParsedTemplate();?>


showMessage.php
<?php include ("common.php");$tmpl = initTemplate("showMessage.tmpl.html");
if (!$_GET){header("location:admin.php");}else if (isset($_GET['message']) && isset($_GET['url'])) {if (!isset($_GET['delay'])){$_GET['delay'] = 5;}if (!isset($_GET['header'])){$_GET['header'] = "Congratulations!";}
$tmpl->addVar("bodyContent", "MESSAGE", $_GET['message']);$tmpl->addVar("bodyContent", "DELAY", $_GET['delay'] * 1000);
$tmpl->addVar("bodyContent", "DELAY_COUNT", $_GET['delay']);$tmpl->addVar("bodyContent", "URL", $_GET['url']);
$tmpl->addVar("bodyContent", "HEADER", $_GET['header']);}$tmpl->displayParsedTemplate();?>


viewOnline.php
<?php include ("common.php");
$allUsers = radacctGetOnlineUsers();$tmpl = initTemplate("viewOnline.tmpl.html");
if ($allUsers){$tmpl->addVars("onlineUserRow", array("ACCT_SESSION_ID"=>$allUsers['AcctSessionID'],
"USERNAME"=>$allUsers['UserName'],"ACCOUNT_TYPE"=>$allUsers['AccountType'],"GROUP_NAME" =>$allUsers['GroupName'],
"START_TIME"=>$allUsers['StartTime'],"DURATION" =>$allUsers['Duration'],"IPADD" =>$allUsers['IPAdd']));}
else{$tmpl->setAttribute("onlineUserRow", "visibility", "hidden");$tmpl->setAttribute("noRow", "visibility", "visible");
$tmpl->addVar("noRow", "NO_ROW", "There are currently no users online.");}$tmpl->displayParsedTemplate();?>


viewProfile.php
<?php include ("config.php");include ("../include/dbConnect.php");include ("../include/functions.php");
if (!isset($_GET['username']))
{echo "<script>alert('No username inputted! Exiting...".
$username."');window.close();</script>";exit;}
else if (isset($_GET['username'])){$up = getUserProfile($_GET['username']);}?>
<html><head><title>View Profile :: <?=$_GET['username']?></title><style>@import url(admin.css);</style></head>
<body><table width="100%" height="100%" border="0" cellspacing="1" cellpadding="1">
<tr><th colspan="2"><h3>Profile of <?=$_GET['username']?></h3></th></tr>
<tr><td class="browseCell">First Name</td><td class="browseCell"><?=$up['firstName']?></td></tr>
<tr><td class="browseCell">Middle Name</td><td class="browseCell"><?=$up['middleName']?></td></tr>
<tr><td class="browseCell">Last Name</td><td class="browseCell"><?=$up['lastName']?></td></tr>
<tr><td class="browseCell">Address</td><td class="browseCell"><?=$up['address']?></td></tr>
<tr><td class="browseCell">Telephone No.</td><td class="browseCell"><?=$up['telNo']?></td></tr>
<tr><td class="browseCell">Age</td><td class="browseCell"><?=$up['age']?></td></tr>
<tr><td class="browseCell">Gender</td><td class="browseCell"><?=$up['gender']?></td></tr>
<tr><td class="browseCell">Occupation</td><td class="browseCell"><?=$up['occupation']?></td></tr>
<tr><td class="browseCell" colspan="2" align="center"><input class="button" type="button" onClick="window.close()" value="Close"/></td></tr></table></body></html>


addAmin.tmpl.html
<patTemplate:tmpl name="bodyContent"><div id="bodyHead">Add Admin</div>
<div id="bodyBody"><form method="GET" action="{PHP_SELF}"><table border="0" cellspacing="3">
<patTemplate:tmpl name="addAdminUserError" type="simplecondition" requiredvars="ERROR"><tr><td colspan="2"><div

class="error">{ERROR}</span></td></tr></patTemplate:tmpl><patTemplate:tmpl name="addAdminPasswordError"

type="simplecondition"
requiredvars="ERROR"><tr><td
colspan="2"><div
class="error">{ERROR}</span></td>
</tr></patTemplate:tmpl><patTemplate:tmpl
name="addAdminConfirmPasswordError"
type="simplecondition" requiredvars="ERROR">
<tr><td                    colspan="2"><div
class="error">{ERROR}</span></td></tr></pat
Template:tmpl><tr><td>Username</td>
<td><input    type="text"    name="username"
value="{USER}"
/></td></tr><tr><td>Password</td><td><inpu
t type="password"

name="password"        value="{PASSWORD}"
/></td></tr><tr><td>Confirm
Password</td><td><input      type="password"
name="confirmPassword"

value="{CONFIRM_PASSWORD}"
/></td></tr><td></td><td><input
class="button" type="submit" value="Add

Admin"/></td></table></form></div></patTem
plate:tmpl>


banner.tmpl.html
<patTemplate:tmpl        name="banner"><img
src="images/logo.gif"/></patTemplate:tmpl>


browseAdmins.php
<patTemplate:tmpl    name="bodyContent"><div
id="bodyHead">List of Administrators</div><div
id="bodyBody">
<table     cellpadding="1"     cellspacing="1"
border="0">
<tr><th>UserName</th></tr><patTemplate:tm
pl name="userRow">
<tr><td
class="browseCell">{BROWSE_USERNAME}</td>
</tr></patTemplate:tmpl>
<patTemplate:tmpl           name="noRow"
type="simplecondition"
requiredvars="NO_ROWS"><tr><td
class="browseCell" colspan="5">
{NO_ROWS}</td></tr></patTemplate:tmpl></ta
ble></div></patTemplate:tmpl>


browseCards.tmpl.html
<patTemplate:tmpl    name="bodyContent"><div
id="bodyHead">Browse            Cards</div><div
id="bodyBody">
<table     cellpadding="1"     cellspacing="1"
border="0">
<tr><th>UserName</th><th>Password</th><t
h>Card
Type</th><th>Expiration</th><th>Remaining
Time</th></tr>
<patTemplate:tmpl     name="userRow"><tr><td
class="browseCell">{BROWSE_USERNAME}</td>
<td class="browseCell">{PASSWORD}</td>
<td  class="browseCell">{GROUPNAME}</td><td
class="browseCell">{EXPIRATION}</td><td
class="browseCell">{TOTAL_TIME_LIMIT}</td>

</tr></patTemplate:tmpl><patTemplate:tmpl
name="noRow"           type="simplecondition"
requiredvars="NO_ROWS"><tr>
<td                      class="browseCell"
colspan="5">{NO_ROWS}</td></tr></patTempl
ate:tmpl></table></div></patTemplate:tmpl>


browseUsers.tmpl.html
<patTemplate:tmpl    name="bodyContent"><div
id="bodyHead">Browse          Users</div><div
id="bodyBody">
<table     cellpadding="1"     cellspacing="1"
border="0">
<tr><th>UserName</th><th>Password</th><t
h>Card
Type</th><th>Expiration</th><th>Remaining
Time</th><th></th></tr>
<patTemplate:tmpl     name="userRow"><tr><td
class="browseCell">{BROWSE_USERNAME}</td>
<td class="browseCell">{PASSWORD}</td>
<td  class="browseCell">{GROUPNAME}</td><td
class="browseCell">{EXPIRATION}</td><td

class="browseCell">{TOTAL_TIME_LIMIT}</td><t
d class="browseCell"><a href="javascript://"

onClick="window.open('viewProfile.php?
username={BROWSE_USERNAME}','view','width=
500,height=400');">View Profile</a></td></tr>
</patTemplate:tmpl><patTemplate:tmpl
name="noRow"           type="simplecondition"
requiredvars="NO_ROWS">
<tr><td                      class="browseCell"
colspan="5">{NO_ROWS}</td></tr></patTempl
ate:tmpl></table></div></patTemplate:tmpl>


changePassowrd.tmpl.html
<patTemplate:tmpl    name="bodyContent"><div
id="bodyHead">Change        Password</div><div
id="bodyBody">
<form                      method="GET"
action="{PHP_SELF}"><table          border="0"
cellspacing="3">
<patTemplate:tmpl name="changePasswordError"
type="simplecondition" requiredvars="ERROR">
<tr><td                   colspan="2"><div
class="error">{ERROR}</span></td></tr></pat
Template:tmpl>
<patTemplate:tmpl
name="confirmPasswordError"
type="simplecondition" requiredvars="ERROR">
<tr><td                   colspan="2"><div
class="error">{ERROR}</span></td></tr></pat
Template:tmpl>
<tr><td>New          Password</td><td><input
type="password"         name="newPassword"
value="{NEW_PASSWORD}" /></td></tr>
<tr><td>Confirm                       New
Password</td><td><input      type="password"
name="confirmNewPassword"
value="{NEW_CONFIRM_PASSWORD}"

/></td></tr><td></td><td><input
class="button" type="submit" value="Change

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Password"/></td></table></form></div></patT
emplate:tmpl>


confirmActivation.tmpl.html
<patTemplate:tmpl     name="bodyContent"><div
id="bodyHead">Activate                    Group
"{GROUP_NAME}"</div>
<div                     id="bodyBody"><div
class="confirmationBox">Are you sure you want
to activate group "<u>{GROUP_NAME}</u>"?
<a               href="manageCardTypes.php?
activate={GROUP_NAME}">Yes</a><a
href="manageCardTypes.php">No</a>
</div><hr/><u>Note</u>*If  you  activate  this
card   you   will   not   be   able   to   edit   it
anymore.</div></patTemplate:tmpl>


deleteBank.tmpl.html
<patTemplate:tmpl     name="bodyContent"><div
id="bodyHead">Delete                          Bank
"{BANK_NAME}"</div>
<div                     id="bodyBody"><div
class="confirmationBox">Are you sure you want
to delete bank "<u>{BANK_NAME}</u>"?<a

href="manageBanks.php?
delete={BANK_ID}">Yes</a><a
href="manageBanks.php">No</a></div><hr/></
div></patTemplate:tmpl>


deleteGroup.tmpl.html
<patTemplate:tmpl     name="bodyContent"><div
id="bodyHead">Delete                         Group
"{GROUP_NAME}"</div>
<div                     id="bodyBody"><div
class="confirmationBox">Are you sure you want
to delete group "<u>{GROUP_NAME}</u>"?<a

href="manageCardTypes.php?
delete={GROUP_NAME}">Yes</a><a
href="manageCardTypes.php">No</a></div><hr
/><u>Note</u>*There are no

more  unused  cards  in  the  database  of  type
"{GROUP_NAME}".</div></patTemplate:tmpl>


editBank.tmpl.html
<patTemplate:tmpl name="bodyContent">
<div   id="bodyHead">Edit   a   Bank</div><div
id="bodyBody"><h2>Editing Exisitng Bank</h2>
<form                               method="GET"
action="manageBanks.php"><table    border="0"
cellspacing="3">
<tr><td>Bank                 Name</td><td><input
type="text"                    name="bankName"
value="{BANK_NAME}" /></td></tr>
<tr><td>Additional      Info</td><td><textarea
name="bankInfo"                    cols="30"
rows="4">{BANK_INFO}</textarea></td></tr><
tr>
<td></td><td><input              class="button"
type="submit"  value="Edit  Bank"/></td><input

type="hidden"                    name="edit"
value="{BANK_ID}"/>
</tr></table></form><hr/></div></patTemplat
e:tmpl>


editGroup.tmpl.html
<patTemplate:tmpl     name="bodyContent"><div
id="bodyHead">Edit       Card       Type       ::
{GROUP_NAME}</div><div id="bodyBody">
<patTemplate:tmpl
name="addCardForm"><patTemplate:tmpl
name="addCardFormError"
type="simplecondition" requiredvars="ERROR">
<div
class="error">{ERROR}</div></patTemplate:tmp
l><hr/>
<form                            method="GET"
action="{PHP_SELF}"><table          border="0"
cellspacing="3"><tr><td>Card
Name</td><td><input type="text"

name="groupName"     value="{GROUP_NAME}"
/></td></tr><tr><td>Number                 of
Hours</td><td><input           type="text"
name="totalTimeLimit"

value="{TOTAL_TIME_LIMIT}"  /></td></tr><tr>
   <td>Expiration<br/><span
class="gensmall">(no. of days valid upon first

use)</span></td><td><input       type="text"
name="expiration"        value="{EXPIRATION}"
/></td></tr><tr><td>Price</td><td><input

type="text"     name="price"     value="{PRICE}"
/></td></tr><tr><td></td><td><input
class="button" type="submit" value="Edit Card

Type"/></td></table></form><hr/></patTempla
te:tmpl><hr/><u>Note</u>*<dd><b>Expiration
</b> is measured in number of days and

effective                    upon                    first
use.</dd><dd><b>Prices</b>  may  depend  on
the currency of the

country.</dd></div></div></patTemplate:tmpl>


generateCards.tmpl.html
<patTemplate:tmpl     name="bodyContent"><div
id="bodyHead">Generate          Cards</div><div
id="bodyBody">
<patTemplate:tmpl            name="generateError"
type="simplecondition"
requiredvars="ERROR"><div
class="error">{ERROR}</div>
</patTemplate:tmpl><form          method="GET"
action="{PHP_SELF}"><table border="0">
<tr><td>Card               Type</td><td><select
name="groupName"><patTemplate:tmpl
name="groupNames"><option>{GROUP_NAME}
</option>
</patTemplate:tmpl></select></td><td>Quantit
y</td><td><input  type="text"  name="quantity"
size="5" value="{QUANTITY}"/>

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</td><td><input class="button" type="submit" value="Generate"/></td></tr></table></form>
<u>Note</u> *
The Card Types listed here are only those that have been set to active.</div></patTemplate:tmpl>


home.tmpl.html
<patTemplate:tmpl name="bodyContent"><div id="bodyHead">Welcome {USERNAME}</div><div id="bodyBody">
<p>This administration panel is part of the ISP.NET Online Reloading of Internet Prepaid Cards with Popup. Here you can

browse users, search users, or view online users.</p><p>In addition you can view the different prepaid internet cards, and

add a desired number of cards with specific categories. You can also add, edit or delte the different card types.</p>
<p>Please be minded that the use of this administration panel should be guided by ethical and privacy laws regarding user

information, and any violation thereof would be punishable by law. You may not sell, give away or manipulate the personal

information found in the user's profiles.</p></div></patTemplate:tmpl>


main.tmpl.html
<patTemplate:tmpl name="main"><html><head><title>ISP.NET :: Admin Panel</title><style>@import url(admin.css);</style></head>
<body><table class="mainTable" border="0" cellspacing="10" cellpadding="0"><tr><td class="banner"

colspan="2"><patTemplate:link src="banner"/></td></tr><tr><td class="menuLine"><patTemplate:link src="leftMenu"/></td><td

class="bodyLine"><patTemplate:link src="bodyContent"/></td></tr><tr><td class="footer" colspan="2">Admin panel Copyright of

coccyxian designs</td></tr></table></div></body></html></patTemplate:tmpl>


manageBanks.tmpl.html
<patTemplate:tmpl name="bodyContent"><div id="bodyHead">Manage Banks</div>
<div id="bodyBody"><h2>Add a New Bank</h2><patTemplate:tmpl name="bankError" type="simplecondition"

requiredvars="BANK_ERROR"><div class="error">{BANK_ERROR}</div></patTemplate:tmpl><form method="GET" action="{PHP_SELF}">
<table border="0" cellspacing="3"><tr><td>Bank Name</td><td><input type="text" name="bankName" value="{BANK_NAME}"

/></td></tr><tr><td>Additional Info</td><td><textarea name="bankInfo" cols="30" rows="4">{BANK_INFO}</textarea></td></tr><tr>
<td></td><td><input class="button" type="submit" value="Add Bank"/></td></table></form><hr/><br><table

border="0"cellspacing="1"><tr><th>Bank Name</th><th>Additional Info</th><th></th><th></th></tr><patTemplate:tmpl

name="bankRow"><tr><td class="browseCell">{BANK_NAME_ROW}</td><td class="browseCell">{BANK_INFO_ROW}</td><td

class="browseCell"><ahref="editBank.php?bankID={BANK_ID_ROW}&amp;bankName={BANK_NAME_ROW}&amp;bankInfo={BANK_INFO_ROW}">Edit<

/a></td><td class="browseCell"><a href="deleteBank.php?bankID={BANK_ID_ROW}&amp;bankName={BANK_NAME_ROW}">Delete</a></td>
</tr></patTemplate:tmpl></table><br><hr/></div></patTemplate:tmpl>


manageCardType.tmpl.html
<patTemplate:tmpl name="bodyContent"><div id="bodyHead">Manage Card Types</div><div id="bodyBody">
<patTemplate:tmpl name="plusLink"><a class="basic" href="{PHP_SELF}?showaddform=yes"><img src="images/plus.gif" border="0"

alt="Show Add Form"/> Show Add Card Type Form</a></patTemplate:tmpl><patTemplate:tmpl name="minusLink" visibility="hidden">
<a class="basic" href="{PHP_SELF}?showaddform=no"><img src="images/minus.gif" border="0" alt="Hide Add Form"/> Hide Add Card

Type Form</a></patTemplate:tmpl><patTemplate:tmpl name="addCardForm" visibility="hidden"><patTemplate:tmpl

name="addCardFormError" type="simplecondition" requiredvars="ERROR"><div class="error">{ERROR}</div></patTemplate:tmpl><hr/>

```
<form                          method="GET"
action="{PHP_SELF}"><table          border="0"
cellspacing="3"><tr><td>Card
Name</td><td><input type="text"

name="groupName"     value="{GROUP_NAME}"
/></td></tr><tr><td>Number              of
Hours</td><td><input            type="text"
name="totalTimeLimit"

value="{TOTAL_TIME_LIMIT}"
/></td></tr><tr><td>Expiration<br/><span
class="gensmall">(no. of days valid upon first

use)</span></td><td><input        type="text"
name="expiration"       value="{EXPIRATION}"
/></td></tr><tr><td>Price</td><td><input

type="text"    name="price"    value="{PRICE}"
/></td></tr><tr><td></td><td><input
class="button" type="submit" value="Add Card

Type"/></td></table></form><hr/></patTempla
te:tmpl><br/><table                border="0"
cellspacing="1"><tr><th>Card

Name</th><th>Expiration</th><th>No.of
Hours</th><th>Price</th>
<th>Availability</th><th>Edit</th><th>Activati
on</th><th>Delete</th></tr><patTemplate:tmp
l name="cardTypeRow"><tr><td

class="browseCell">{GROUP_NAME}</td><td
class="browseCell">{EXPIRATION}</td><td
class="browseCell">{TOTAL_TIME_LIMIT}</td>
<td       class="browseCell">{PRICE}</td><td
class="browseCell">{STATUS}</td><td
class="browseCell">{EDIT_LINK}</td>
<td
class="browseCell">{ACTIVATE_LINK}</td><td
class="browseCell">{DELETE_LINK}</td></tr></
patTemplate:tmpl></table>
<div><hr/><patTemplate:tmpl
name="hideNote"><a            class="basic"
href="{PHP_SELF}?hidenote=yes"><img
src="images/minus.gif"

border="0"    alt="hide    note"/>    Note
*</a></patTemplate:tmpl>
<patTemplate:tmpl            name="showNote"
visibility="hidden"><a         class="basic"
href="{PHP_SELF}?hidenote=no"><img

src="images/plus.gif"   border="0"   alt="show
note"/>                              Note
*</a></patTemplate:tmpl><patTemplate:tmpl
name="note">
<dd><b>Expiration</b> is measured in number
of   days   and   effective   upon   first
use.</dd><dd><b>Prices</b> may depend on
the

currency                of                the
country.</dd><dd><b>Active</b> and <b>De-
Activated</b>   Cards   may   NOT   be   edited
anymore.</dd>
<dd><b>Pending</b> cards may be edited.
Upon activation the current values will be fixed
and may not be edited
```

```
anymore.</dd><dd><b>De-Activating</b>      a
Card will render that card type UNAVAILABLE for
purchasing.</dd>
<dd><b>Re-Activating</b> a Card will make it
once more available for purchasing.</dd>
<dd>Card Types marked with a "<b>Delete</b>"
link have no more existing cards of that type in the
database.</dd>
</patTemplate:tmpl></div></div></patTemplate
:tmpl>
```

```
managePromoHours.tmpl.html
<patTemplate:tmpl    name="bodyContent"><div
id="bodyHead">Manage  Promo  Hours</div><div
id="bodyBody">
<br><table                          border="0"
cellspacing="1"><tr><th>Session
Type</th><th>Start         Time</th><th>End
Time</th><th>Session Rate

<br/><small>fraction                    of
hours</small></th><th>Start          Date
Effective</th><th>End Date Effective</th></tr>
<patTemplate:tmpl
name="sessionRateRow"><tr><td
class="browseCell">{SESSION_TYPE_ROW}</td>
<td

class="browseCell">{START_TIME_ROW}</td><t
d class="browseCell">{END_TIME_ROW}</td><td

class="browseCell">{SESSION_RATE_ROW}</td>
<td
class="browseCell">{START_DATE_EFFECTIVE_RO
W}</td><td

class="browseCell">{END_DATE_EFFECTIVE_ROW
}</td></tr></patTemplate:tmpl></table><br><
hr>
<form                            method="GET"
action="{PHP_SELF}"><table          border="0"
cellspacing="3"><patTemplate:tmpl
name="managePromoError"

type="simplecondition"
requiredvars="ERROR"><tr><td
colspan="2"><div

class="error">{ERROR}</span></td></tr></pat
Template:tmpl><tr><td>Promo
Type</td><td><input            name="promo"
type="radio"

value="OFFPEAK">OFFPEAK<br><input
name="promo"              type="radio"
value="FREE">FREE</td><tr><td>Start
Time<br><span

class="gensmall">(hh:mm)</span></td><td><i
nput       type="text"       name="startTime"
value="{START_TIME}" /></td></tr><tr>
<td>End                    Time<br><span
class="gensmall">(hh:mm)</span></td><td><i
nput        type="text"        name="endTime"
value="{END_TIME}" /></td>
```

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</tr><tr><td>Session Rate<BR/><span class="gensmall">(in hours)</span></td><td><input type="text" name="sessionRate"

value="{SESSION_RATE}" /></td></tr><tr> <td>Start Date Effective<br/><span

class="gensmall">(yyyy-mm-dd)</span></td><td><input type="text" name="startDate" value="{START_DATE}" /></td></tr><tr>

<td>End Date Effective<br/><span class="gensmall">(yyyy-mm-dd)</span></td><td><input type="text" name="endDate"

value="{END_DATE}" /></td></tr><td></td><td><input class="button" type="submit" value="Edit Promo

Hours"/></td></table></form><hr/><u>Note</u>*<dd>The rate must be specified in decimals, with values ranging from 0 to

1</dd><dd>A value of 1 means that the rate is regular, 0 if Free.</dd></div></patTemplate:tmpl>


menu.tmpl.html
<patTemplate:tmpl name="leftMenu"><div id="menuHead">Administration Menu</div><div id="menuBody">
<a class="mainMenu" href="admin.php">Home</a><a class="mainMenu" href="changePassword.php">Change Your Password</a>
<a class="mainMenu" href="addAdmin.php">Add a New Admin</a><a class="mainMenu" href="browseAdmins.php">List

Administrators</a><a class="mainMenu" href="../index.php?action=logout">Logout</a></div>
<div id="menuHead">User Manipulation Menu</div><div id="menuBody">
<a class="mainMenu" href="browseUsers.php">Browse Users</a><a class="mainMenu" href="searchUser.php">Search User</a>
<a class="mainMenu" href="viewOnline.php">View Online Users</a></div>
<div id="menuHead">Card Menu</div><div id="menuBody">
<a class="mainMenu" href="browseCards.php">Browse Cards</a><a class="mainMenu" href="generateCards.php">Generate Cards</a>
<a class="mainMenu" href="manageCardTypes.php">Manage Card Types</a><a class="mainMenu" href="managePromoHours.php">Manage

Promo Hours</a></div><div id="menuHead">Bank Menu</div><div

id="menuBody"><a class="mainMenu" href="manageBanks.php">Manage

Banks</a></div></patTemplate:tmpl><patTemplate:tmpl name="rightMenu"></patTemplate:tmpl>


searchUser.tmpl.html
<patTemplate:tmpl name="bodyContent"><div id="bodyHead">Search User</div><div id="bodyBody"><patTemplate:tmpl

name="searchForm"><table border="0" cellspacing="1"><tr><td colspan="4"><patTemplate:tmpl name="searchError"

type="simplecondition" requiredvars="SEARCH_ERROR"><div

class="error">{SEARCH_ERROR}</div></patTemplate:tmpl></td></tr><tr><th>Search Text</th><th>Field</th><th>Position of

Text</th><th></th></tr><tr><form method="GET" action="{PHP_SELF}"><td><input type="text" name="searchquery" />
</td><td><select name="searchfield"><option value="UserName">Username</option><option value="firstName">First Name</option>
<option value="middleName">Middle Name</option><option value="lastName">Last Name</option><option

value="address">Address</option><option value="telNo">Telephone No.</option><option value="age">Age</option>
<option value="gender">Gender</option><option value="occupation">Occupation</option></select></td><td><select

name="searchposition"><option value="m">Anywhere</option><option value="s">Starting with</option><option value="e">Ending

with</option></select></td><td><input class="button" type="submit" value="Search"/></td></tr></table></form><hr/>
</patTemplate:tmpl><patTemplate:tmpl name="searchResults" visibility="hidden"><table cellpadding="1" cellspacing="1"

border="0"><tr><td colspan="9">Showing <b>{SEARCH_COUNT}</b> results for string "<b>{SEARCH_TEXT}</b>"<br/>
Searching field <b>{SEARCH_FIELD}</b>, position <b>{SEARCH_POSITION}</b></td></tr><tr><th>UserName</th>
<th>First Name</th><th>Middle Name</th><th>Last Name</th><th>Address</th><th>Tel No.</th><th>Age</th><th>Gender</th>

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<th>Occupation</th></tr><patTemplate:tmpl
name="userRow"><tr><td
class="browseCell">{SEARCH_USERNAME}</td>
<td

class="browseCell">{FIRSTNAME}</td><td
class="browseCell">{MIDDLENAME}</td><td
class="browseCell">{LASTNAME}</td>
<td     class="browseCell">{ADDRESS}</td><td
class="browseCell">{TELNO}</td><td
class="browseCell">{AGE}</td>
td       class="browseCell">{GENDER}</td><td
class="browseCell">{OCCUPATION}</td></tr></
patTemplate:tmpl></table>
</patTemplate:tmpl><patTemplate:tmpl
name="noRow"          type="simplecondition"
requiredvars="NO_ROWS"><div>{NO_ROWS}</d
iv>
</patTemplate:tmpl></div></patTemplate:tmpl>


showMessage.tmpl.html
<patTemplate:tmpl    name="bodyContent"><div
id="bodyHead">{HEADER}</div>
<div          id="bodyBody"          style="text-
align:center"><div class="confirmationBox"><div
class="genheader">{HEADER}</div>
<div
class="genMessage">{MESSAGE}</div><div
class="gensmall">(redirecting in {DELAY_COUNT}
seconds) or click <a

class="confirmationBoxLink"
href="{URL}">here</a>.</div><script>setTimeo
ut("location='{URL}'",
{DELAY});</script></div><hr/>
</div></patTemplate:tmpl>


viewOnline.tmpl.html
<patTemplate:tmpl    name="bodyContent"><div
id="bodyHead">View    Online    Users</div><div
id="bodyBody">
<table        cellpadding="1"        cellspacing="1"
border="0"><tr><th>Session
ID</th><th>Username</th><th>Account
Type</th>
<th>Card                Type</th><th>Session
Start</th><th>Duration</th><th>IP
Address</th></tr><patTemplate:tmpl
name="onlineUserRow">
<tr><td
class="browseCell">{ACCT_SESSION_ID}</td><t
d class="browseCell">{USERNAME}</td><td

class="browseCell">{ACCOUNT_TYPE}</td><td
class="browseCell">{GROUP_NAME}</td><td
class="browseCell">{START_TIME}</td>
<td     class="browseCell">{DURATION}</td><td
class="browseCell">{IPADD}</td></tr></patTe
mplate:tmpl><patTemplate:tmpl

name="noRow"            visibility="hidden"><td
class="browseCell"

colspan="7">{NO_ROW}</td></patTemplate:tm
pl></table></div></patTemplate:tmpl>

JAVA APPLICATION:

import javax.swing.*;
import javax.swing.filechooser.FileFilter;
import java.awt.*;
import java.awt.event.*;

import java.util.*;
import java.io.*;
//import java.io.File;
//import java.io.BufferedReader;
//import java.io.InputStreamReader;

class ExampleFileFilter extends FileFilter {

    private static String TYPE_UNKNOWN = "Type
Unknown";
    private static String HIDDEN_FILE = "Hidden File";

    private Hashtable filters = null;
    private String description = null;
    private String fullDescription = null;
    private boolean useExtensionsInDescription =
true;

    /**
     * Creates a file filter. If no filters are added, then
all
     * files are accepted.
     *
     * @see #addExtension
     */
    public ExampleFileFilter() {
        this.filters = new Hashtable();
    }

    /**
     * Creates a file filter that accepts files with the
given extension.
     * Example: new ExampleFileFilter("jpg");
     *
     * @see #addExtension
     */
    public ExampleFileFilter(String extension) {
        this(extension,null);
    }

    /**
     * Creates a file filter that accepts the given file
type.
     * Example: new ExampleFileFilter("jpg", "JPEG
Image Images");
     *
     * Note that the "." before the extension is not
needed. If
     * provided, it will be ignored.
     *
     * @see #addExtension
     */
    public ExampleFileFilter(String extension, String
description) {
        this();
        if(extension!=null) addExtension(extension);
        if(description!=null) setDescription(description);
    }

    /**
     * Creates a file filter from the given string array.
     * Example: new ExampleFileFilter(String {"gif",
"jpg"});
     *

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```java
     * Note that the "." before the extension is not needed adn
     * will be ignored.
     *
     * @see #addExtension
     */
    public ExampleFileFilter(String[] filters) {
        this(filters, null);
    }

    /**
     * Creates a file filter from the given string array and description.
     * Example: new ExampleFileFilter(String {"gif", "jpg"}, "Gif and JPG Images");
     *
     * Note that the "." before the extension is not needed and will be ignored.
     *
     * @see #addExtension
     */
     public ExampleFileFilter(String[] filters, String description) {
        this();
        for (int i = 0; i < filters.length; i++) {
           // add filters one by one
           addExtension(filters[i]);
        }
        if(description!=null) setDescription(description);
    }

    /**
     * Return true if this file should be shown in the directory pane,
     * false if it shouldn't.
     *
     * Files that begin with "." are ignored.
     *
     * @see #getExtension
     * @see FileFilter#accepts
     */
    public boolean accept(File f) {
        if(f != null) {
           if(f.isDirectory()) {
             return true;
           }
           String extension = getExtension(f);
           if(extension != null && filters.get(getExtension(f)) != null) {
             return true;
           };
        }
        return false;
    }

    /**
     * Return the extension portion of the file's name .
     *
     * @see #getExtension
     * @see FileFilter#accept
     */
    public String getExtension(File f) {
        if(f != null) {
           String filename = f.getName();
           int i = filename.lastIndexOf('.');
           if(i>0 && i<filename.length()-1) {
             return filename.substring(i+1).toLowerCase();
           };
```
```java
        }
        return null;
    }

    /**
     * Adds a filetype "dot" extension to filter against.
     *
     * For example: the following code will create a filter that filters
     * out all files except those that end in ".jpg" and ".tif":
     *
     *          ExampleFileFilter filter = new ExampleFileFilter();
     *   filter.addExtension("jpg");
     *   filter.addExtension("tif");
     *
     * Note that the "." before the extension is not needed and will be ignored.
     */
    public void addExtension(String extension) {
        if(filters == null) {
           filters = new Hashtable(5);
        }
        filters.put(extension.toLowerCase(), this);
        fullDescription = null;
    }

    /**
     * Returns the human readable description of this filter. For
     * example: "JPEG and GIF Image Files (*.jpg, *.gif)"
     *
     * @see setDescription
     * @see setExtensionListInDescription
     * @see isExtensionListInDescription
     * @see FileFilter#getDescription
     */
    public String getDescription() {
        if(fullDescription == null) {
                if(description == null || isExtensionListInDescription()) {
              fullDescription = description==null ? "(" : description + " (";
              // build the description from the extension list
              Enumeration extensions = filters.keys();
              if(extensions != null) {
                  fullDescription += "." + (String) extensions.nextElement();
                  while (extensions.hasMoreElements()) {
                     fullDescription += ", ." + (String) extensions.nextElement();
                  }
              }
              fullDescription += ")";
           } else {
              fullDescription = description;
           }
        }
        return fullDescription;
    }

    /**
     * Sets the human readable description of this filter. For
     * example: filter.setDescription("Gif and JPG Images");
```

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```java
     *
     * @see setDescription
     * @see setExtensionListInDescription
     * @see isExtensionListInDescription
     */
    public void setDescription(String description) {
        this.description = description;
        fullDescription = null;
    }

    /**
     * Determines whether the extension list (.jpg, .gif,
etc) should
     * show up in the human readable description.
     *
     * Only relevent if a description was provided in
the constructor
     * or using setDescription();
     *
     * @see getDescription
     * @see setDescription
     * @see isExtensionListInDescription
     */
    public void setExtensionListInDescription(boolean
b) {
        useExtensionsInDescription = b;
        fullDescription = null;
    }

    /**
     * Returns whether the extension list (.jpg, .gif,
etc) should
     * show up in the human readable description.
     *
     * Only relevent if a description was provided in
the constructor
     * or using setDescription();
     *
     * @see getDescription
     * @see setDescription
     * @see setExtensionListInDescription
     */
    public boolean isExtensionListInDescription() {
        return useExtensionsInDescription;
    }
}
```

```java
public class RadiusDialerGui extends JFrame
implements ActionListener
{
    private JPanel panelMain, panel1, panel2,
panel3, panel4, panel5;
    private JTextField tfUsername, tfThreshold;
    private JPasswordField tfPassword;
    private JLabel lblTimer;
    private JButton btnOK, btnCancel;

    private JMenuBar  mBar;

    private JMenu  mFile;

    private JMenuItem        mNew,mOpen,mSave,
mExit;
```

```java
    RadiusDialerGui()
    {
        super ("Dialer");

        initializeElements();

    }

    public void initializeElements()
    {
        panelMain = new JPanel ();
        panel1 = new JPanel ();
        panel2 = new JPanel ();
        panel3 = new JPanel ();
        panel4 = new JPanel ();
        panel5 = new JPanel ();

        tfUsername      = new JTextField (15);
        tfPassword      =    new    JPasswordField
(15);
        tfThreshold     = new JTextField ("0", 15);

        btnOK           = new JButton ("OK");
        btnCancel       = new JButton ("Cancel");

        lblTimer = new JLabel ("");

        mBar  = new JMenuBar();
        mFile = new JMenu("File");

        mBar.add(mFile);

        mOpen = new JMenuItem("Open");
        mSave = new JMenuItem("Save");
        JMenuItem sep   = new JMenuItem("-");   //
Separator
        mExit = new JMenuItem("Exit");

        mFile.add(mNew);
        mFile.add(mOpen);
        mFile.add(mSave);
        mFile.add(sep);
        mFile.add(mExit);


        panelMain.setLayout    (new    FlowLayout
(FlowLayout.CENTER));


        setJMenuBar(mBar);

        panelMain.add (new JLabel ("Username"));
        panelMain.add (tfUsername);

        panelMain.add (new JLabel ("Password"));
        panelMain.add (tfPassword);

        panelMain.add    (new    JLabel    ("Threshold
(min)"));
        panelMain.add (tfThreshold);

        panelMain.add (btnOK);
        panelMain.add (btnCancel);


        this.getContentPane    ().add    (panelMain,
BorderLayout.CENTER);
        //  this.getContentPane ().add(mBar);
```

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```java
        btnOK.addActionListener (this);

        // menu buttons, add action listener
        mOpen.addActionListener(this);
        mSave.addActionListener(this);
        mExit.addActionListener(this);


        setSize (300, 150);
        setVisible (true);


    }

    public void actionPerformed (ActionEvent ae)
    {

        if (ae.getSource() == mExit)
        {
                System.exit(1);
        }
        else if (ae.getSource() == mOpen)
        {
                JFileChooser    chooser    =    new
JFileChooser();
        // Note: source for ExampleFileFilter can be
found in FileChooserDemo,
        // under the demo/jfc directory in the Java 2
SDK, Standard Edition.
        ExampleFileFilter       filter       =       new
ExampleFileFilter();
        filter.addExtension("jpg");
        filter.addExtension("gif");
        filter.addExtension("txt");
        filter.setDescription("JPG & GIF Images and Text
Files");
        chooser.setFileFilter(filter);
        int returnVal = chooser.showOpenDialog(this);
        if(returnVal  ==  JFileChooser.APPROVE_OPTION)
{
            System.out.println("You  chose  to  open  this
file: " +
            chooser.getSelectedFile().getName());

            System.out.println("Current directory is:  " +
chooser.getSelectedFile().getPath());

            openConfigFile(chooser.getSelectedFile().getP
ath());

        }
        else       if       (returnVal       ==
JFileChooser.CANCEL_OPTION)
        {


        }
        else       if       (returnVal       ==
JFileChooser.ERROR_OPTION)
        {

        }


        }
        else if (ae.getSource() == mSave)
        {
                JFileChooser      chooser      =      new
JFileChooser();
                ExampleFileFilter      filter      =      new
ExampleFileFilter();
            filter.addExtension("txt");
            filter.setDescription("Text Files");
            chooser.setFileFilter(filter);
            int                returnVal                =
chooser.showSaveDialog(this);
            if(returnVal                ==
JFileChooser.APPROVE_OPTION) {
            System.out.println("You  chose  to  open  this
file: " +
            chooser.getSelectedFile().getName());

            System.out.println("Current directory is:  " +
chooser.getSelectedFile().getPath());


saveConfigFile(chooser.getSelectedFile().getPath());

        }

        }


    }

    void openConfigFile(String sFileName)
    {

        try {
        BufferedReader in = new BufferedReader(

        new InputStreamReader(

                new FileInputStream(sFileName)));

    //   x.sUserName = in.readLine();
        tfUsername.setText(in.readLine());
        //System.out.println("Value of first  line is  : "
+ x.sUserName);
        //x.sPassword = in.readLine();

        tfPassword.setText(in.readLine());
    //   System.out.println("Value of second line is  :
" + x.sPassword );
        //x.sThreshold = in.readLine();

        tfThreshold.setText(in.readLine());
    //   System.out.println("Value of third  line is  : "
+ x.sThreshold);


        in.close();


        }
        catch(Exception e)
        {
                System.out.println("Error on file :  "
+ sFileName);
                System.exit(1);
        }
```

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```java
        }

    void saveConfigFile(String sFileName)
    {
        try {
        PrintWriter out = new PrintWriter (

    new BufferedWriter(

        new        OutputStreamWriter(        new
FileOutputStream(sFileName))));

                //print userName
                out.println(tfUsername.getText());
                //print password
                out.println(tfPassword.getText());
                //print threshold
                out.println(tfThreshold.getText());


    out.close();
        }
        catch (Exception e)
        {

                System.out.println("Can't  open  file
for writing :  " + sFileName);
                        System.exit(1);

        }

    }

        public static void main (String[] args)
    {
        try
        {
                UIManager.setLookAndFeel
(UIManager.getCrossPlatformLookAndFeelClassName
());
        }
        catch (Exception e)
        {
        }

        RadiusDialerGui rdg = new RadiusDialerGui
();
        }
        }
```

## XI. ACKNOWLEDGEMENT

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