**INTRODUCTATION**

This document gives detailed functional and nonfunctional requirements for the bank management system. This product will support online banking transaction. The purpose of this document is that the requirements mentioned in it should be utilized by software developer to implement the system.

**Purpose**

Online banking system provides is specifically developed for internet banking for Balance Enquiry, Funds Transfer to another account in the same bank, Request for cheque book/change of address/stop payment of cheques, Mini statements (Viewing Monthly and annual statements).

The Traditional way of maintaining details of a user in a bank was to enter the details and record them. Every time the user need to perform some transactions he has to go to bank and perform the necessary actions, which may not be so feasible all the time. It may be a hard-hitting task for the users and the bankers too. The project gives real life understanding of Internet banking and activities performed by various roles in the supply chain. Here, we provide an automation for banking system through Internet. Internet banking system project captures

Activities performed by different roles in real life banking which provides enhanced techniques for maintaining the required in- formation up-to-date, which results in efficiency. The project gives real life understanding of Internet banking and activities performed by various roles in the supply chain.

**SCOPE**

This Product will automate of banking transaction process.This  Project  investigates  the  entry  threshold  for  providing  a  new  transaction service  channel  via  the  real  options  approach,  where  the  entry thereshold  is established  by using an Internet banking  system designed  for the use of normal users(individuals), Industrialists, Entrepreneurs, Educational Institutions(Financial sections), Organizations and Academicians under transaction rate uncertainty.

**Overview**

The system provides easy solution to banks.

The SRS will include two sections, namely:

Overall Description:

This section will describe  major components  of the system, interconnections,  and external interfaces.

Specific Requirements:  This section  will describe  the  functions  of actors, their roles in the system and the constraints faced by system.

**2.GENERAL DESCRIPTION**

2.1    **Product** **Perspective**:

The client will have client interface in which he can interact with the banking sys- tem. It is a web based interface which will be the web page of the banking application.  Starting a page  is displayed  asking  the  type  of customer  he  is whether  ordinary  or  a corporate customer. Then the page is redirected to login page where the user can enter the login details. If the login particulars are valid then the user is taken to a home page where he has the entire transaction list that he can perform with the bank. All the above activities come under the client interface.

The   administrator   will  have  an  administrative   in- terface which is a GUI so that he can view the entire system. He will also have a login page where  he  can  enter  the  login  particulars  so  that  he  can  perform  all  his  actions.  This administrative  interface provides different environment such that he can maintain data- base & provide  backups for the information  in the database.  He can register the users by providing them with username,  password  & by creating  account  in the  database.  He can view  the cheque book request & perform action to issue the cheque books to the clients.

2.2 **Software** **Interface** :

**Front End Client:**

The  system is  a  web  based  application  clients  are  requiring using modern web browser such as Mozilla Firefox 1.5, PHP.

**Web Server:**

The web application will be hosted on one of the apache server.

**Back End of:**

We use backen d as MY SQL.

3. **Functional Specifications**

This section provides the functional overview of the product. The project will require the PHP as a front end and at the back end the database MYSQL will be running. Various functional modules that can be implemented by the product will be

1. Login

2. Validation

3. Get balance information

4. Withdrawal of money

5. Transfer Money

6. Customer info.

**3.1 login :**

Customer logins by entering customer name & a login pin.

**3.2 Validation:**

When a customer enters the ATM card, its validity must be ensured. Then customer is allowed to enter the valid PIN. The validation can be for following conditions

Validation for lost or stolen card

When card is already reported as lost or stolen

Then the message “Lost/Stolen card!!!”.

Validation for card’s expiry date

If the card inserted by the customer has crossed the expiry date then the system will prompt

“Expired Card”.

**Validation for PIN**

After validating the card, the validity of PIN must be ensured. If he/she fails to enter valid code for three times then the card will not be returned to him. That means the account can be locked. The counter for number of logins must be maintained

Get balance information:

This system must be networked to the bank’s computer. The updated

Database of every customer is maintained with bank. Hence the balance information of every account is available in the database and can be displayed to the customer.

**3.3 payment of money :**

A customer is allowed to enter the amount which he/she wishes to withdraw. If the entered amount is less than the available balance and if after withdraw if the minimum required balance is maintained then allow the transaction.

**3.4 Transfer of Money:**

The customer can deposit or transfer the desired amount of money.

**3.5 Transaction Report:**

The bank statement showing credit and debit information of corresponding account must be printed by the machine.

3.6 Technical Issues

This product will work on client-server architecture. It will require an internet server and which will be able to run PHP applications. The product should support some commonly used browsers such as Internet Explorer, Mozilla Firefox.

**4. Interface Requirements**

**4.1 GUI**

This is interface must be highly intuitive or interactive because there will not be an assistance for the user who is operating the System. At most of the places help desk should be provided for users convenience. The screens appearing should be designed in such a manner that it can draw User attaraction towards the new plans for the customers.

Also the pin and password confidentiality should be maintained,This can be done by using asterisks at the password panel.Proper security messages should be displayed at most of the  places.

**4.2 Hardware Interface**

Various interfaces for the product could be

1. Touch screen/Monitor
2. Keypad
3. Continuous battery backup
4. Printer which can produce the hard copy
5. Interface that connects the device to bank’s computer