System Requirement Specification

Of

Online Banking System

1.Introduction:

The purpose of this document is to present a detailed description of the Online Banking System. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli. This document is intended for both the stakeholders and the developers of the system and will be liable for the approval or disapproval of the project by the community of the Bank.

An online banking system will be applicable everywhere, where banking exists. It will be more efficient and easier way to have a record on systems through which everyone can easily access it according to his rights as compared to the traditional banking system. Every bank will prefer the online banking system instead of the traditional banking system as it contains many useful features and fastest methods for the transactions.

2.Basic Features:

1. **Customer Login:**
   Each Customer will have its account Id and password. This page will require both of these attributes for them to access their account.

2. **Bank Features:**
   It isn't sure that each visitor of the Bank's website will be a customer. He/she would be a normal visitor interested in reading the features bank provides. The website's main page should provide him the basic features and benefits of the bank to these types of users.

3. **Order for an Account:**
   A new visitor the Bank's website would be
   interested in opening a new account in the Bank. So he must be provided an easy path to create a new account in the bank.

4. **Fill the Form:**
   New comer should have to fill the form to register him/her self with the bank. After filling the form, If the values inputted by the user were logical correct, his contact details will be sent to the administration block else he will be asked to input the values again.

5. **Welcome Page:**
   After a user will be login, he will provided an interface offering different tasks (Here this interface will provide many of the functionalities, which the customer needs in the software). He has to choose a task to carry on his work.

6. **Staff Login:**
   On the Website main page, A staff login link will also be provided. Bank staff will use to input their ID's and passwords to access their account. Here the type of staff will also be recognized, if he will be of administration block, he will be sent

7. **Check the balance:**
   After logging in, if the user wants to check his balance he will have to click the balance check link. It will tell him his current balance of the account through which he is logged in.

8. **Transfer Balance:**
   If user wants to transfer his money to some other account, then this module will provide him this opportunity. He will input the account details of the receiver. After this process, server will check the balance of the user and if the transfer balance will be less than the account balance then transfer will take place else he will be alarmed that he has lo balance.

9. **Account detail teller:**
   If the user physically contacts the Bank branch then he will provide his account detail to the management staff who will inform him about his account. User will be able to do every task at the branch that he can do online from his home.

10. **Order Cash Book:**
    If user's Cheque book has been finished, he will be able to order a new cheque book from this module.

3.Objective

The main **objective** of the **Online Banking System** is to manage the detail of Accounts, **Internet Banking**, Transaction, Balance, Statement. It manages all the information about Accounts, Customer, Statement, Accounts. The Project is Totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the accounts, internet banking, customer, transaction.it tracks all the details about the transaction.it tracks all the details about the transaction, balance, statement.

4.Scope of project

An online banking system will be applicable everywhere, where banking exists. It will be more efficient and easier way to have a record on systems through which everyone can easily access it according to his rights as compared to the traditional banking system. Every bank will prefer the online banking system instead of the traditional banking system as it contains many useful features and fastest methods for the transactions.

5. Functional Requirements:

Following are the services which this system will provide. These are the facilities and functions required by the customer.

a) Online balance check.

b) Online shopping opportunity.

c) Online data entry by the staff.

d) Updating the data.

e) Balance transfer.

f) Check book Allotment.

6.Non-Functional Requirements:

Those requirements which are not the functionalities of a system but are the characteristics of a system are called the non-functionalities. Every software system has some non-functionalities. Just fulfilling the requirements of the user is not a good task, keeping the system accurate, easy to maintain, reliable and secure is also a basic part of software engineering. Online Banking System must have the following non-functional requirements so that I could be said as a complete system.

6.1.Hardware Requirements: Hardware requirements include that hardware which is required for its working. It includes:

6.1.1 Server Side:

a) Operating System: Windows10,8 9x/xp ,Windows ME.

b) Processor: Pentium 3.0 GHz or higher.

c) RAM: 256 Mb or more.

d) Hard Drive: 10 GB or more.

6.1.2 Client side:

   a) Operating System: Windows 10,8,9x or above, MAC or UNIX.

   b) Processor: Pentium III or 2.0 GHz or higher.

   c) RAM: 256 Mb or more.

6.2. Software Requirements: The technical specifications of requirements include that hardware for its working. It includes:

6.2.1 Client Side:

a)HTML, Web Browser, Flash Player, MS Office,

b)Windows XP/9x/ME. 3.2.3.2.

6.2.2 Web Server:

a)HTML, MS Office, Windows XP/9x/ME.