Software Requirement Specification

<< INTERNET BANKING DOCUMENT>>

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1. Introduction
   1. Purpose

Online banking system provides specifically developed for Internet backing for balance enquiry, Funds transfer to another account in the same bank. Request for check book/change address/stop payment of cheques, details provided by the user and the admin information through online.

The transactional way of maintaining details of user in a bank was to enter the details and record them. Every time the user need to perform transactions he has to go to bank and perform the necessary actions, which may not be feasible all the time. This project gives real life understanding of Internet Banking and activities performed by various roles. Here we provide an automation for banking system through internet. Internet Banking gives us make payments and transactions everywhere.

* 1. Scope of project

This software application will be an application for the user to create their accounts, add payments on online, deposit money, edit their details, remove account, generate PIN, creation of new account application

as well as for admins this application is for correction of holder’s details, edit, delete, new applications, checking status of the applicant, removing accounts, checks holder’s account balance and so on by this application.

This Internet Banking designed for the use of normal users, Industrialists, Entrepreneurs, Educational Institutions, organizations and so many users can access.

* 1. Overview of Document

This application describes the overview of the banking sector’s information about the bank holder’s details, account consistencies, database of the bank details, applicant database, by using some cases we can find the details of the users and also admin details.

Both the user interface and admin interface details are easily identified and modified by using this software application. It is easy to identify the errors and easy to identify the details about user and admin also.

2.0 Overall Description

2.1 System Environment

This system environment describes how the user and admin can access the data in according to their bank accounts. This section will describe major components of system, interconnections, and external interfaces.

User Interface

Admin Interface

2.2 Functional Requirement Specification

This section will describe the functions of actors, their roles in the system and what actions are going to be done by the user as well as the admin.

2.2.1 User Interface:

Use cases: Searching for login, account details, Balance, payments, transactions, new accounts, deposits….

user

2.2.2 Admin Interface

Use cases: searching for new accounts, deposits, user details, records, applications…

admin

2.3 Non-Functional Requirements

Non-Functional requirements needed in this internet banking are identified as performance requirements, safety requirements, security requirements and software ability attributes. Anyone who are having the login details can access the data for their individual needs.

3.0 Requirement Specification

3.1 External Interface Requirements

The External Requirements of this Internet Banking is the user may use the details by externally giving the information through internet. The user can check their bank details, login details, deposits, money transfers, online payments, creating new accounts externally within his place they need not to go to banks and proceed the whole process by using their mobiles they can access the data.

The Admin can also clear the user data, edit the data, creating new, make deposits, check balance of the user, money transfers, records, applications of the users as well as other bank details of their branch or within the area admin can access the data.

3.2 Functional Requirements

3.2.1 Login Details

Name of the Holder ---- Account Number ---- IFSC Code

3.2.2 Check Balance

Home page ---- Check balance----Account name---- UPI PIN-----Display balance

3.2.3 Add Account

Home page----Add account---- Add details----Generate UPIN----Account added

3.2.4 Add New Account

Home Page----Add new----Add Details----Generate UPIN----New account added

3.2.5 Update details

Home page----Click on Update----Add new/updated details----Details Updated

3.2.6 Remove Account

Home page ----- click on remove ----- Your account is removed

3.2.7 Check Status

Home page ----click on status ---- show status ---- Account Active/Not Active

3.3 Detailed Non-Functional Requirements

3.3.1 Logical Structure of the Data

Logical structure of the data is stored in the internal data base is given below:

ADMIN INTERFACE

User Interface

Internet Banking

3.4 Hardware Requirements

Various hardware requirements should be

1.Touch screen/Monitor

2. Keypad/Keyboard

3.Continuos battery backup

4. Printer which produce the hard copy

5. Interface that connects the device to bank’s computers

6. An interface that can count currency notes

3.5 Software Requirements

1. Web Application

2. My SQL

3.Web Browsers

3.3.2 Security

Internet Banking system must be fully accessible to only authentic user. It should require pin for entry to a new environment. Any information about the account should be quickly available from any computer to the authorized user. The application should be highly reliable and it should generate all the updated information in correct order. It provides security for the user to access their data and no third party can’t access the date without any authentication. The data is more secure in the user database safely.

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data update to be timely. Democratic and free society is recommended but can work equally well

for corrupt regimes

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