Banking Management System

Software Requirements Specification

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Revision History

Date	Revision	Description	Author
	1.0	Initial Version	

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1.   Purpose

The main purpose of this document is to present detailed discussion about Online Banking System. It will be providing explanation about its working, features, interfaces, required configuration and many more. This document is intended for both stakeholders as well as developers.

Scope of the proposed system is to provide a platform where
- Payments can take place
- Transaction history can be recorded
- Notifies instantly through SMS about success or failure of transaction.
- A bot is provided to solve queries.
- Multi-account functionality

1.1.   Overview

Online Banking Management will eradicate the traditional way of working with entries and maintaining paper work. It basically provides end-to-end transaction with secured servers. Detailed transaction history can be tracked through this application. Provides security with each entry level and by invoking more unsuccessful attempts blocks the user accounts. A Chabot is provided to get faster solutions. In case of any middle way transaction failure no amount will be deducted, thus all functionalities are atomic in nature.

2. Overall Description

2.1. Product Perspective

The context or origin of online banking system is stated as Comparison b/w the Tradition system and the new system can also be cleared through the system models. In traditional system, customer should have to visit the Bank branch physically for the transactions or some other task. It wastes time. After implementing the online banking system customer will be able to connect to his account through the internet connection. Time usage will be minimized, task will be done fast instead of waiting someone other to complete his task.

2.2. Product Functionality/Features

The system will have users such as:

- Account holder
- Administrator
- Bank Employee

Major functionality of system will include:

- Online balance check and transaction information.
- Check the account statement online.
- Pay other utility bills (i.e. electricity bill, phone bill, etc).
- Transfer funds.
- Order for a checkbook.
- Buy general insurance.
- Recharge prepaid mobile/DTH.
- Online record entry.
- Online record search.
- Save or view up to 1 year past history of transaction.
- Bank-to-bank transfer

2.3. User Characteristics

While using this software, it is expected that the user must have proper knowledge of cyber security as it is a web-based application. Also, the user must be trained to a bit to use this software.

There will be three different users who will be using this system:

- Administrator
- Bank Employee
- Bank account holder

2.4. Constraints

Whenever this software is to be used, there are some constraints/conditions required to be followed. As this system is an online Web-based application so a client server will be the most suitable Organizational style for this system. The user must evidently have a computer system with following requirements:

- Latest version of web browser (Google chrome, Mozilla firefox, Brave).

- Stable internet connectivity (512 kbps)

2.5.   Assumptions and Dependencies

Following are the assumptions and dependencies which are related to this online banking project.

- This project is a stand-alone project so it will not affect the system where it will be embedded.
- This project is a web-based project while the staff was addict of using traditional methods of data storage and retrieval so they will be trained a bit to jump to it.
- This system will not depend on any other module. It will be a web-based so everyone will independently contact it.
- It is will not affect the environment at all.
- Banks will feel free to adopt it because it will not be so much expensive.
- As this project contains valuable and new features so it will probably remove the previous online banking systems embedded in some banks