**Software Requirements Specification for Bank Web Application**

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1. Introduction

1.1 Purpose

The purpose of this document is to define the software requirements for the Bank Web Application, including its features, constraints, and expectations.

1.2 Scope

The Bank Web Application aims to create a teller-friendly web interface for banking operations, including teller registration, authentication, account management, and transaction processing.

1.3 Document Conventions

- Use of HTML and CSS for creating UI screens.

- [Note: Define any other document conventions you plan to use.]

1.4 Intended Audience

This document is intended for the development team, project managers, quality assurance personnel, and stakeholders involved in the Bank Web Application project.

2. Overall Description

2.1 Product Perspective

The Bank Web Application is a standalone web application that allows tellers to perform banking operations through a teller-friendly web interface.

2.2 Product Functions

The primary functions of the Bank Web Application include:

- Teller registration and authentication.

- Account creation and management.

- Account dashboard to view account information.

- Deposit and withdrawal functionality.

- Transaction history retrieval.

2.3 Teller Classes and Characteristics

There are two teller classes:

- Tellers: Use the web application to access their customer’s bank accounts.

- Administrators: Manage teller accounts and perform administrative tasks.

2.4 Operating Environment

The Bank Web Application will run on standard web browsers, providing cross-platform accessibility.

2.5 Design and Implementation Constraints

- The system will be implemented using HTML for web pages and CSS for styling.

- Web browser limitations may affect certain UI features and layouts.

2.6 Teller Documentation

Teller documentation, including a teller manual and online help, will be provided.

3. Specific Requirements

3.1 Functional Requirements

3.1.1 Teller Registration

1. The system shall allow tellers to register by providing their personal information through a registration form.

2. Tellers shall have a unique tellername and password for authentication.

3. Teller registration information shall be securely transmitted and stored in the backend.

3.1.2 Teller Login

1. Tellers shall be able to log in using their teller’s name and password through a login page.

2. Failed login attempts shall be handled with appropriate error messages.

3. Passwords shall be securely hashed and stored.

3.1.3 Account Management

1. Tellers shall be able to create, view, and close bank accounts through an account management interface.

2. Account information (e.g., account number, balance) shall be presented on the teller dashboard.

3.1.4 Account Dashboard

1. Tellers shall have access to an account dashboard displaying their account information.

2. The dashboard shall show the account balance and recent transactions.

3.1.5 Deposit

1. Tellers shall be able to make deposits into bank accounts through a deposit form.

2. Deposited amounts shall be added to the account balance and reflected on the dashboard.

3.1.6 Withdrawal

1. Tellers shall be able to make withdrawals from their bank accounts through a withdrawal form.

2. Withdrawn amounts shall be deducted from the account balance and reflected on the dashboard.

3.1.7 Transaction History

1. Tellers shall be able to view a history of customer’s transactions on the dashboard.

2. Transaction history shall include details such as date, type, and amount.

3.2 Non-functional Requirements

3.2.2 Security

1. Teller passwords shall be securely hashed and transmitted over encrypted connections.

2. Access to administrator functions shall be restricted and logged.

3.2.3 Scalability

1. The web application shall be designed to accommodate future growth in the teller base.

3.2.4 Reliability

1. The web application shall have high availability and reliability, with minimal downtime.

3.2.5 Usability

1. The teller interface shall be intuitive and teller-friendly, with responsive design for various