Software Requirement Specification (SRS)

Project: BankCore – Banking Management System

Version: 1.0

Date: 2025-05-17

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1. Introduction

Purpose:
BankCore is software designed to help banks manage customers, accounts, transactions, loans, and reports easily and securely.

Scope:
The software will be used by bank staff to handle daily banking operations and keep records safe.

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2. Features

- **Customer Management:** Create and manage customer profiles with verification.

- **Account Management:** Open, update, and close savings, checking, and other accounts.

- **Transactions:** Deposit, withdraw, and transfer money between accounts.

- **Loan Management:** Manage loan applications, approvals, and repayments.

- **User Roles:** Different access for tellers, managers, auditors, and admins.

- **Reports:** Generate reports on transactions, loans, and audits.

- **Security:** Keep data safe with encryption and secure login.

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3. Users

- **Tellers:** Handle daily banking tasks like deposits and withdrawals.

- **Managers:** Approve loans and oversee branch operations.

- **Auditors:** Check transaction records and compliance.

- **Admins:** Manage users and system settings.

4. Technical Details

- **Platform:** Web-based system usable on desktops and tablets.

- **Database:** Store all data securely in a database.

- **Security:** Use HTTPS, passwords, and encryption to protect data.

- **Performance:** Support many users at the same time without slowing down.

5. Non-Functional Requirements

- **Easy to use:** User-friendly interface.

- **Reliable:** Work 99.9% of the time with regular backups.

- **Fast:** Process transactions quickly (within a few seconds).

- **Compliant:** Follow banking laws and security standards.

6. Summary

BankCore will help banks run smoothly, keep customer data safe, and improve productivity with clear, secure, and fast management tools.