**Software Requirement Specification (SRS)**

**Project: BankCore – Banking Management System**

**Version: 1.0**

**Date: 2025-05-17**

**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.

**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.

**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.