

Concept Paper: Bank Management System

1. Project Title

Bank Management System

2. Introduction

The Bank Management System is a software application designed to manage basic banking operations. This system will provide a digital interface to perform customer account creation, deposit and withdraw money, track balances, and manage loans. It aims to increase efficiency, reduce manual work, and provide secure access to banking services.

3. Objectives

- To provide a secure login/logout system for customers.
- To facilitate account creation and manage customer data.
- To allow deposit and withdrawal transactions.
- To manage and track loans issued to customers.
- To ensure data security and integrity throughout the system.

4. Functional Requirements

1. User Registration and Login
2. Create and Manage Bank Accounts
3. Deposit Money
4. Withdraw Money
5. Loan Application and Processing
6. View Account and Loan Status
7. Logout Functionality

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5. Technologies Used

- Frontend: HTML/CSS, JavaScript
- Backend: PHP/Python/Node.js
- Database: MySQL/PostgreSQL
- Optional: Frameworks like Django, Laravel, or Express.js

6. Target Users

Bank customers and bank employees who manage daily transactions and records.

7. Benefits

- Automation of routine banking processes
- Improved user experience and accessibility
- Reduced paperwork and errors
- Efficient loan management and record keeping