■ Bank Management System

The **Bank Management System (BMS)** is a software application designed to manage the day-to-day operations of a bank efficiently. It automates core banking functions such as **account creation, transaction management, loan handling, and customer record maintenance**, reducing manual effort and errors. This system provides a **secure and user-friendly interface** for both bank staff and customers. It helps bank employees manage customer data, deposit and withdrawal transactions, balance inquiries, loan records, and fund transfers in an organized way.

■ Features

- ■ Customer Management – Add, update, and manage customer details.
- ■ Account Management – Open, update, and close accounts (savings/current).
- ■ Transaction Handling – Deposit, withdraw, transfer funds, and check balances.
- ■ Loan Management – Apply, approve, and manage loans with EMI calculations.
- ■ Authentication & Security – Role-based access for staff and customers.
- ■ Reports & Statements – Generate account statements and transaction history.
- ■ Interest Calculation – Automated savings and loan interest computation.

■■ Tech Stack (Example)

- Frontend: HTML, CSS, JavaScript (or any framework like React)
- Backend: Python / Java / PHP / Node.js
- Database: MySQL / PostgreSQL / SQLite

■ Benefits

- ■ Automated banking processes
- ■ Enhanced security
- ■ Faster transactions
- ■ Easy data retrieval
- ■ Scalable and customizable

■ License

This project is licensed under the MIT License – feel free to use and modify it.

■■■ *Developed as a sample project for learning and demonstration purposes.*