***BANK MANAGEMENT SYSTEM***

***Customer Management:***

Manage customer information, including personal details, contact information, and identification.

Track customer accounts, transactions, and activity.

***Account Management:***

Support various types of accounts, such as savings, checking, fixed deposits, and loans.

Enable account creation, modification, and deletion.

***Transaction Processing:***

Handle deposit and withdrawal transactions.

Support fund transfers between accounts.

Process loan applications and disbursements.

***Interest Calculation:***

Calculate and accrue interest on savings and fixed deposit accounts.

Provide options for simple and compound interest calculations.

***Account Statements:***

Generate account statements for customers on request.

***Report Generation:***

Generate various reports for bank management, including financial reports, transaction logs, and account summaries.

***Security and Access Control:***

Implement robust security measures to protect customer data and transactions.

Define user roles and access permissions for bank employees.

Monitor and log all system activities for auditing purposes.

Create Pins for all accounts and implement features like password reset, account lock/unlock

***Loan Management:***

Handle loan applications, approvals, and rejections.

Calculate loan interest

Track loan repayments and generate loan statements.

***SMS and Email Notifications:***

Send account alerts and transaction notifications to customers via SMS or email.

***Backup and Data Recovery:***

Implement backup and disaster recovery mechanisms to safeguard data.

***Audit Trails:***

Maintain detailed audit trails for all system activities and transactions.