# LOAN MANAGEMENT SYSTEM

## Planning

- Loan Application Form
- Review Procedures
- Loan Approving Criteria
- Credit Risk Planning
- Loan Servicing Policies and Procedures
- Developing strategies for dealing with delinquent accounts
- Reporting and Analytics

## Analysis

- Reviewing credit reports, income statements, tax returns, and other financial data
- Analyzing repayment, delinquency, and default rates
- Evaluating the cost of funds, the credit risk of borrowers, and market conditions
- Analyzing the efficiency of collections processes and the accuracy of delinquency reporting
- Reduction of risk by diversifying the portfolio, and the adequacy of loan loss reserves

## Design

- Efficient and user-friendly for borrowers
- Assess the creditworthiness of borrowers and manage credit risk effectively
- Manage loan servicing processes
- Manage collections processes effectively to minimize the risk of loan defaults
- Track loan performance and identify trends

## Implementation and Testing

- Involves programming in a variety of different languages, such as Java, Python, or C++
- Testing scenarios, running automated tests, and conducting manual tests
- Performance and Security check
- Involves combining the components of the system and verifying that they work together correctly

## Deployment

- Communicating to Stakeholders
- Installing software and updating databases to support the new system
- Transferring files and configuring servers
- Setting up user accounts, configuring security settings, and customizing the system to meet business requirements
- Verifying that data has been imported correctly, and testing the system under normal and high load conditions
- Providing training materials, conducting training sessions, and providing ongoing support to ensure that users are comfortable using the system