Class Diagram
Banking Management System

Employee Structure

ID
Name
Role
Password

Admin

Add new Employee
Modify Employee Data
Manage Roles
Change Password

Employee

Add Customer
View Loans
Processs Loans
Customer Transactions
Modify Customer Details
Change Password

Server

Create Socket
Bind Socket
Listen for Clients
Authenticate User

Client

Connect to Server
Login to the Account

Redirect to Respective Operations

Bank Role

Loan

Loan ID
Customer ID
Assigned to
Loan Status
Loan Amount

Manager

Loan Assignment
Review Feedback
Activate/Deactivate account
Change Password

Customer Structure

ID
Name
Account Number
Password

Customer

View Balance
Deposit
Withdraw
Transfer
Apply for Loan
Loan Status
Transaction History
Feedback
Change Password

Feedback

Customer ID
Description

Transaction

Customer ID
Amount
Description
Date