**J2EE Case Study**

**Subject – Advance Java Programming**

**Bank Application**

**Problem Statement**

Write a UI based web application to create a Bank System, which maintains the details of individual customers. Each entry of Bank customer would contain an Account Number, Name and Account Balance that will be accepted from user.

The primary functionality of this system would be as follows:

• Login as an Administrator.

* Create/add a new customer account in Bank System
* Search the Customer Details by account number. Display the record if found.
* Modify the Customer Details by account number in Bank System.
* Balance inquiry for a particular account.
* Close (Delete) the Customer Account from Banks System.
* Display all customer details.

• Login as a Customer.

* Deposit the money in customer’s own account. Display updated record.
* Transfer money from customer’s own account to other customer’s account.
* Withdraw the money from customer’ own account. Display updated record.
* Check account balance.
* Print mini-statement on browser (Last 5 transaction details)
* Change password.

Note that methods should communicate error conditions via user defined exceptions.

Feel free to add your own classes and methods if required.

Use mysql/oracle/postgresql database to store tables of necessary classes.

Use Layered Architecture and MVC Design pattern in your implementation.