**Payment Wallet Application System**

**PROBLEM STATEMENT:**

**1.1OBJECTIVE:**

Development of an Payment Wallet Application for XYZ Bank.

**1.2ABSTRACT OF THE PROJECT:**

This project is aimed at developing an online Payment Wallet Application System for XYZ Bank. This is a web based application that can be accessed over the web. This system can be used by the customers to park their money in the wallet. This is an integrated system that contains both the user component and the Admin component. Application should allow customers to check the balance, deposit money etc.

**1.3Functional components of the project:**

The main functionalities of the system is that the customer can access this web Application.

Customer should be able to

* Create a bank account
* Check the Balance
* Deposit the money
* Withdraw money
* Transfer fund
* Print the Transactions*.*

**1.4****LAYERED ARCHITECTURE:**

The layered architecture used in this application programming consists of following packages, classes and methods described below.

Package:

* com.capgemini.bankapp.ui

Classename:

* CustomerMenu()

Package:

* Com.capgemini.bankapp.bean

Classname:

* AccountDetails()

Package:

* Com.capgemini.bankapp.service

Classename:

* BankAppService()

Methods:

* Public void createAccount(AccountDetails details)
* Public double showBalance()
* Public double withdraw Amount(double amount)
* Public double depositAmount(double amount)
* Public void fundTransfer(int acc\_num1, int acc\_num2)

Classname:

* Validation()

Methods:

* Public boolean validateUsername(String username)
* Public boolean validateLastname(String lastname)
* Public boolean validateEmailId(String email id)
* Public boolean validatePhonenumber(int phonenumber)
* Public boolean validateAddress(String address)

Package:

* Com.capgemini.bankapp.dao

Classname:

* BankAppDao()

Methods:

* Public void createAccount(AccountDetails details)
* Public double showBalance()
* Public double withdrawAmount(double amount)
* Public double depositAmount(double amount)
* Public void fundTransfer(int acc\_num1,int acc\_num2)