Parallel Project Documentation (Deepak\_152630)

PAYMENT WALLET SYSTEM

# Problem Statement

## Objective

Development of online payment wallet system of XYZ bank.

## Abstract of the project

This project is aimed at developing an online payment wallet system. This system can be used to create payment wallet application for XYZ bank. Customers will be able to deposit their money in the wallet, check the balance, withdraw money, print transactions and can do fund transfer.

## Functional components of the project

Following is a list of functionalities of the system.

1. Customer should be able to:
   1. Create payment wallet.
   2. Deposit money.
   3. Check the balance.
   4. Withdraw money.
   5. Do Fund transfer.
   6. Print transactions.

## CLASSES AND DEPENDENCIES

Following is a list of packages, classes and their dependency.

* **Bean package**

It contains

* AccountDetails.java class

(This includes all the attributes of consumer)

* **UI package**

It contains

* Client.java class

(This includes methods that displays the menu to consumer and call appropriate method)

* **Service package**

It contains

* IAccountService.java Interface
* AccountService.java class

(This includes methods which calls the class of dao class where the logic is implemented)

* AccountDataValidation.java class
* **DAO package**

It contains

* IAccountServiceDAO.java Interface
* AccountServiceDAO.java class

(This includes methods which contains logic to do operations like add money show balance etc.)

* **Exception package**

It contains

* AccountNotCreatedException.java class

(This class is used to handle Exceptions that disrupts the normal flow of the program’s instructions)

* **Test package**

It uses Junit framework and well written test code to check the authenticity of code.