Parallel Project Documentation (DEVANSHU GUPTA)

Capgemini

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.

Customer should be able to:

* 1. Create payment wallet.
  2. Deposit money.
  3. Check the balance.
  4. Withdraw money.
  5. Print transactions.
  6. Do Fund transfer.

## Layered Architecture:

* com.capg.project.bean

It contains:

* AccountDetails.java
* com.capg.project.service

It contains:

* AccountService.java
* IAccountService. java
* AccountValidation.java
* com.capg.project.dao  
  It contains:
* AccountDAO.java
* IAccountDAO.java
* com.capg.project.ui

It contains:

* Client.java
* com.capg.project.test
* WalletTest.java

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

* com.capg.project.exception

It contains

* PaymentWalletException.java class

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

Classes:

1. AccountDetails.java

customerName : String

age : Int

dob : LocalDate

gender : String

customerEmail : String

phoneNumber : String

accountNo : String

username : String

password : String  
balance : double

1. AccountDAO.java

createAccount()

showBalance()

deposit()

transactions()

transfer()

withdraw()

1. AccountService.java

createAccount()

showBalance()

deposit()

transactions()

transfer()

withdraw()

1. Client.java

public static void main(String[] args) {}