# Payment Wallet Application

# Problem Statement :

1. To create payment wallet application for XYZ bank.
2. Customers will be able to park their money in the wallet.
3. Application should allow customers to check the balance, deposit money etc.

## Abstract :

Application describes concept, design and current implementation of the payment wallet application. Payment wallet is an application providing to subscribers the possibility to perform various transaction.

# Functional Components of the Project:

1. Create Account
2. Show balance
3. Deposit
4. Withdraw
5. Fund transfer
6. Print Transaction

# Implementation:-

Project Name: BankApp

# Packages and classes:

com.capgemini.bankapp.bean

|  |
| --- |
| AccountDetails |
| -fullName: String  - password: String  -phoneNumber : Long  - aadharNumber : Long  - age : Integer  -gender: String  - emailID: String  - accountNumber: Long  - transID: Integer  - amount: Double  -balance: Double |
| Generate appropriate getters and setters along with overridden string |

com.capgemini.bankapp.ui

class AccountMain { }

com.capgemini.bankapp.service

# Interface:

IAccountService

# Class:

Accountservice (implements the interface methods)

AccountDataValidate { }

Methods :

boolean validatePhoneNumber (String phoneNumber)

boolean validateAadharNumber(String aadharNumber)

# com.capgemini.bankapp.dao

# Interface:

IAccountDAO

# Class:

AccountDAO (implements the interface methods)

|  |
| --- |
| IAccountService/IAccountDAO |
| **boolean** testLogin(**long** accountNumber,String password);  **boolean** addAccountDetails(AccountDetails account);  **double** showBalance();  **boolean** deposit(**double** amount);  **boolean** withdraw(**double** amount);  **boolean** printTransaction();  **boolean** fundTransfer(**long** transAccountNumber,**double** amount); |

com.capgemini.bankapp.exception

Required exception classes are created.

com.capgemini.bankapp.test

Junit test cases are created.