Payment Wallet Application

Introduction :

This project is about payment wallet application for XYZ bank which allows the customers to park their money in the wallet. It will also allow customers to create account, check their balance, withdraw money, Fund transfer and Print Transaction.

This project is developed by using Layered Architecture which consists of following packages, interfaces and classes:

* com.capg.walletapp.bean
* WalletApplication
* com.capg.walletapp.ui
* Client
* com.capg.walletapp.service
* IWalletApplicationService(Interface)
* WalletApplicationService
* ApplicationDataValidation
* com.capg.walletapp.dao
* IWalletApplicationDao(Interface)
* WalletApplicationDao
* com.capg.walletapp.exception
* NoTransFoundException
* com.capg.walletapp.test
* ApplicationDataValidationTest

Design methods and attributes :

1. Bean Class :

|  |
| --- |
| Class WalletApplication |
| -customerName : String  -email : String  -age: int  -accNum: long  -contact: String  -username: String  -password: String  -date: LocalDate  -long: transID |
| +Appropriate Getters and Setters & toString methods |

1. Service and DAO Interface :

|  |
| --- |
| Interface IWalletApplicationService/Dao |
| +createAcc();  +deposit();  +showBal();  +withdraw();  +fundTransfer();  +printTransaction(); |

1. Service and DAO Class:

|  |
| --- |
| Class WalletApplicationService/Dao |
| Implementation for above abstract methods; |

1. Test Class :

Test class contains all the test methods and their implementation using JUnit.

1. Exception class:

In exception package we will create all the possible user defined exception classes.