Payment Wallet Application

Introduction:

XYZ bank provides a payment wallet application. With this application, the customers will be able to park their money in their wallet. It also allows the customers to create account, show balance, deposit, withdraw, transfer funds and print the transactions.

The Layered Architecture of payment wallet application consists of following packages:

* com.capgemini.paymentapp.bean
* WalletApplicationData
* com.capgemini.paymentapp.sevice
* IWalletApplicationService(Interface)
* WalletApplicationService
* WalletApplicationDataValidate
* com.capgemini.paymentapp.dao
* IWalletApplicationDao(Interface)
* WalletApplicationDao
* com.capgemini.paymentapp.ui
* WalletApplicationUi
* com.capgemini.paymentapp.test
* WalletApplicationDataValidateTest
* com.capgemini.paymentapp.exceptions
* InsufficientBalanceException

Classes and Interfaces:

**com.capgemini.paymentapp.bean**

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| WalletApplication  -firstName: String  -lastName: String  -gender: String  -contact: String  -email: String  -age: int  -date: LocalDate  -accNo: long  -userName: String  -password: String  -transId:Long  Appropriate getter and setter methods |

**com.capgemini.paymentapp.service**

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| IWalletApplicationService  +createAccount()  +showBalance()  +deposit()  +withdraw()  +fundTranfer()  +printTransaction()  WalletApplicationService  Implement all methods of IWalletApplicationService Interface |

**com.capgemini.paymentapp.dao**

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| IWalletApplicationDao  +createAccount()  +showBalance()  +deposit()  +withdraw()  +fundTranfer()  +printTransaction() |

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| WalletApplicationDao  Implement all methods of WalletApplicationDao Interface |

**com.capgemini.paymentapp.test**

This class contains all the test methods using JUnit test cases.

**com.capgemini.paymentapp.exceptions**

This exception class contains all the user-defined exceptions.