**PaymentWalletApplication**

**Documentation**

**Introduction**:

The payment wallet application project is used by XYZ bank and it helps the customer to park their money in wallet. It will also allow the customer to create account, check the balance, with draw money, fund transfer and print transaction.

**Layered Architecture:**

The layered architecture used in this application program consists of following packages:

* com.capgemini.walletapp.bean
* WalletAppDetails
* com.capgemini.walletapp.service
* WalletAppService
* IWalletAppService(Interface)
* WalletValidation
* com.capgemini.walletapp.ui
* WalletClient
* com.capgemini.walletapp.dao
* WalletAppDao
* IWalletAppDao(Interface)
* com.capgemini.walletapp.test
* WalletAppTest
* com.capgemini.walletapp.exception
* InsufficientBalanceException

**Classes and Interfaces:**

1. **WalletAppDetails:**

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| WalletAppDetails |
| -String firstName  -String lastName  -String gender  -long accNo  -String mobileNo  -int age  -LocalDate date  -Sting email  -String username  -String password  -double amount |
| +All setters and getters and toString function |

1. **WalletAppDao:**

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| IWalletAppDao |
| +createAccount()  +showBalance()  +deposit()  +withdraw()  +fundTransfer()  +printTransaction() |

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| WalletAppDao |
| Implements all methods of IWalletAppDao |

1. **WalletAppService**

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| IWalletAppService |
| +createAccount()  +showBalance()  +deposit()  +withdraw()  +fundTransfer()  +printTransaction() |

|  |
| --- |
| WalletAppService |
| Implements all methods of IWalletAppService Interface |

Test Class:

The test class contains all the set of test methods and their implementation using JUnit.

Exception Class:

The exception class contains all user defined exceptions.