**PAYMENT WALLET APPLICATION**

**Objective:**

To create payment wallet application for a bank

**Description of project:**

The aim of this project is develop a payment wallet where the customers can park their money. This e-Wallet allows the customers to check the balance and deposit money.

**Modules of the project:**

This Payment Wallet need to provide following functionalities to the customers for an easy and fast transactions.

* Create account
* Show balance
* Deposit
* Withdraw
* Fund transfer
* Print transactions

**Implementation of project:**

To implement this project it is easy to go for layered architecture where we need to create different packages. The classes and methods from one package can be imported to another package. The packages are as follows:

* Bean package
* Data Access Object package
* Service package
* Exception handling package
* JUnit test package
* User interface

**Bean package:**

It consists of bean/pojo class where all the attributes are declared.

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| Wallet Application entities |
| -String First name  -String Last name  -String gender  -Long account number  -Int age  -LocalDate date  -String email  -String username  -String password  -Double amount  +All setters and getters to all the entities  To String function is overwritten |

**Data Access Object package:**

It consists of implementation of all the methods.

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

**Service Package:**

It returns methods to DAO class

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

**User Interface Package:**

It is basically a layer for the presentation and it consists of main function. It asks user to enter all the details. Execution starts from this layer.

**Exception Handling Package:**

This is used to handle the exception. We use this for the proper termination of program.

**JUnit Test Package:**

This package consists of JUnit test class and data validation class.