

EAZYPAY

-WALLET HELP TO TRANSFER FUND

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Objective

EazyPay is created to meet the needs of online payment system, with 2 actors:

Customer: Create a account, Login, Add Money to wallet account, Add Money to Bank account, Withdraw Money, Money Transfer, Print Transactions.

System : Register new user, Login with credentials, add balance to wallet, Fund transfer / Bill payment, Deposit excess balance to bank.

Technology Stack

1. Presentation Layer:

- NodeJS 12.16.1 (Javascript Runtime Environment)
- Angular CLI 9.0.6 (framework to develop web apps)
- VSCode 1.44.2 (to develop front end)

2. Business Layer:

- Java 8 (base programming language)
- Postman 5.5.5 (for running RESTful service)
- Spring framework (for creating webservices)
- Spring Boot 2..2.6.RELEASE (auto configuring)

3. Persistence Layer:

- Hibernate 5.4.12.Final (JPA implementation)
- Spring Data 2..2.6.RELEASE (performing repository ops)
- Oracle 11g(database storage)

4. DevOps:

- Maven 3.6.3 (Build & manage project)

5. Hardware and Software Requirements:

Windows 10, RAM 2GB, I.E 7+ or
Google Chrome, Memory Space: 500MB.

WalletPay-Services

- o **Registration:** Register a new user for wallet.
- o **Login:** Login as a user in wallet.
- o **Add Balace:** Add money in the wallet.
- o **Add Money in Bank:** Add money from the wallet to bank.
- o **Transfer Money:** Transfer money from wallet to the other customer of the wallet.
- o **Check Balance:** Check available balance in the wallet.
- o **Show Transactions:** See the recent transactions done from the wallet.
- o **Logout:** Logout from the wallet if logged in.

Scope of the Project

- o Design and implementation of digital payment service as Wallet application.
- o A user can create account in the wallet and can login as a user and can logout.
- o All the mentioned WalletPay services can be carried out in the wallet with the help of Http requests.
- o The user can able to perform the mentioned operations.
- o There will be a homepage indicating wallet Login and Sign Up.

Outside the scope of the Project

- o User can add money from wallet account to his/her bank account.
- o User can mention the purpose of money transfer in the form of caption.
- o The footer is added which indicates copyright.

Future Work

- Social Media Integration
- Link the multiple bank accounts to the User wallet.
- Transactions should be done from bank account
- Add money using debit card, credit card, net banking facility.



Any Questions ...

Thank You