

OnlinePaymentDiscoveryServer  
Port: 8761

**Wallet MicroService: Port 8081**  
/wallet/getCustomers (For Admin)  
/wallet/getBalance  
/wallet/changePassword  
/wallet/addMoney  
/wallet/depositMoney  
/wallet/fundTransfer  
/wallet/sessionTerminated

**Transaction MicroService: Port 8082**  
/allTransactions  
/transactionsByDate  
/transactionsByType  
/transactionsByAccNo

**bankAccount MicroService: Port 8085**  
/viewAccounts  
/addAccount  
/removeAccount

**CustomerProject  
MicroService(Registration): Port 8080**  
/userRegistration

**BillPayment MicroService: Port 8083**  
/viewBills  
/addBills

**BeneficiaryDetails MicroService: Port 8084**  
/getAllDetails  
/addDetails  
/removeDetails  
/getDetail

# Database Design

Table name	Columns
Wallet	@Id walletId, balance
Customer	@Id customerId, mobileNo, password, name, @Fk wallet
BankAccount	@Id accNo, IFSCCode, bankName,balance, @Fk wallet
Transaction	@Id transactionId, transactionType, transactionDate, amount, description, @Fk BankAccount, @Fk wallet
BillPayment	@Id billId, billType, amount,paymentDate, @Fk BankAccount, @Fk wallet
BeneficiaryDetails	@Id beneficiaryId, beneficiaryName, mobile, @Fk wallet
CustomerResponseToken	@Id Token

# Starting the project

Create a customer “Admin” with some password. He is granted access to see all customers.

Design is such that at, at a given time only one customer can authenticate itself and the jwtoken is stored for that user in the database and is removed once the token expires or customer terminates the session.

Database login url: `spring.datasource.url=jdbc:postgresql://localhost:5432/OnlinePayment`

Home Page of the application: <http://localhost:8081/swagger-ui.html>