**FINS Order-Payment Services**

The application is compose of 3 Spring Boot Applications namely:

1. Eureka Server – responsible for starting up Eureka Server for Service Registration
2. Order Service – accepts orders for products
3. Payment Service – accepts payment of products ordered

Run each service starting with the Eureka server using the command mvn spring-boot:run.

Request Mappings:

1. Order Service
2. /info: displays information about the service
3. /order/products : list all available products (id, title, description, price)

Method: GET

Content-Type: application/x-www-form-urlencoded

1. /order/products/{userid}/purchase: accepts an array of products for

purchase/payment. Makes the call to the payment service.

Method: POST

Content-Type: application/x-www-form-urlencoded

Example form data:

productPurchase=[{"id": "1","title": "Black Watch Strap","description": "Leather Black Watch Strap","price": 1.25,"quantity":2}]

1. /test: this will run a test on mapping b and c above.
2. Payment Service
3. /info: displays information about the service
4. /payment/{userid}/pay: accepts the total amount and checks if the user has enough E Wallet Amount. Returns ACCEPTED or NOT ACCEPTED status of the payment. Debits the user’s E Wallet Amount in case the product purchase is ACCEPTED.

Method: POST

Content-Type: application/x-www-form-urlencoded

Ex form data:

totalAmount=100.50

1. /test: this will test mapping b above