MS LAB FINAL STEPS

Template Used: 2 services - Customer and Hotel for Restaurant
Link: https://drive.google.com/file/d/1Tg9MtVjOSje-eAXZ-4jqEshFBL5oUfqe/view?usp=sharing

Steps:

1. Create the main directory (MD), name it whatever you want (eg. Restaurant)
2. Copy the discovery-server and gateway-services folders as it is into MD
3. *gateway-services -> src -> main -> resources ->application.yml* : check the server port number and change the gateway id values i.e. customer-service and hotel
4. Go to https://start.spring.io/ : create two diff services (Java 8; Maven; 2.6.3; Jar; Dependencies: MySQL Driver, Spring Data JPA, Spring Web, Eureka Discovery Client)
5. Copy the above services' folders (S1, S2) into MD
6. Copy the controller, model, repository and services folder (NOT Application.java) from *Customer -> src -> main -> java -> com -> example -> Customer* and *Hotel -> src -> main -> java -> com -> example -> Hotel* into the respective S1 and S2 folders (same path)
7. Copy the application properties from Customer and Hotel into S1 and S2 directly - make sure DB name is correct. Change spring.application.name to the same as in step 3.
8. Change all Customer and Hotel occurrences in controller, model, repository and services to S1 and S2 - modify whatever to your requirement
9. **Tip!** Customer -> src -> main -> java -> com -> example -> Customer -> model -> Item.java : for getters and setters (Ctrl+Shift+P)
10. Create DB in phpMyAdmin : has to be same as the one in application.properties
11. **To run:** open each of the 4 folders in MD (discovery-server, gateway-services, S1, and S2) and run two commands in each - first run discovery-server, then S1 and S2, then gateway-services
    chmod 777 mvnw
    ./mvnw spring-boot:run
12. Go to localhost:3000 : Eureka
13. localhost:3081/hotel/getAllItems : get all items
14. **To insert**: go to postman -> Put -> type the link localhost:3081/hotel/createItem -> Body, raw, JSON -> {a:1, b:2, c:3} -> send
15. **To update**: postman -> Post -> localhost:3081/hotel/updateItem/(id to update)