

Steps to run Shopforhome Project:

Backend:

- 1) First you need to import all microservices maven project folders onto the eclipse.
- 2) Update all the projects after importing to the eclipse.
- 3) Go to Backend folder and there you can find database.sql file which contains sql commands for creating the required tables in order to run this project.
- 4) Open that database.sql file with mysql workbench and run it. (All the tables and predefined product details will be stored into our database).
- 5) In our project, we are having 4 microservices (Discount, Product, Sales, Eureka server). In each microservice you need to change the mysql username and password according to your machine. For changing these details you need to open the application.properties file of java resource folders of each microservice.
- 6) Make sure you are not running any other applications on port numbers which are given below.

Ports: 8080, 8181, 8282, 8761, 4200

- 7) Now run the eureka server and then run the microservices one by one.

Note : If you face any problems like data not fetching on client side please go to eclipse and restart the spring boot application.

Front end:

- 1) For better visibility, import the front end part to Visual studio code
- 2) Run ng serve command on the terminal
- 3) When you run ng serve command in the terminal. The server will be started at port 4200.
- 4) Open <http://localhost:4200>
- 5) In order to login into the website make sure the backend is running.(At the middle if you face any problems please restart that particular microservice application in the eclipse again).
- 6) For admin, the logins are default.

Username: admin

Password: admin

Important things:

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|-----------------------|-------------|
| Eureka Server | - port:8761 |
| Product Microservice | - port:8282 |
| Discount Microservice | - port:8080 |
| Sales Microservice | - port:8181 |