e-shopping-app

backend 🡪 spring boot with micro service

frontend 🡪 angular application

type of user or actors : admin, customer etc.

admin : SignIn no SignUp for admin (only one user )

emailid : [admin@gmail.com](mailto:admin@gmail.com)

password : admin@123

admin dashboard

product -🡪 Add Product, view Product, Delete Product and update product information

view all order details.

this information we can store in db or while running spring boot we can create admin account.

Customer : SignIn as well as SignUp functionality

Customer dashboard

Product 🡪 View all product

Orders 🡪Customer can place the order for one product or many products through cart.

View only its own order details.

Created folder with name as capstone-projects;

Then inside this created folder frontend(angular) and backend(spring-boot)

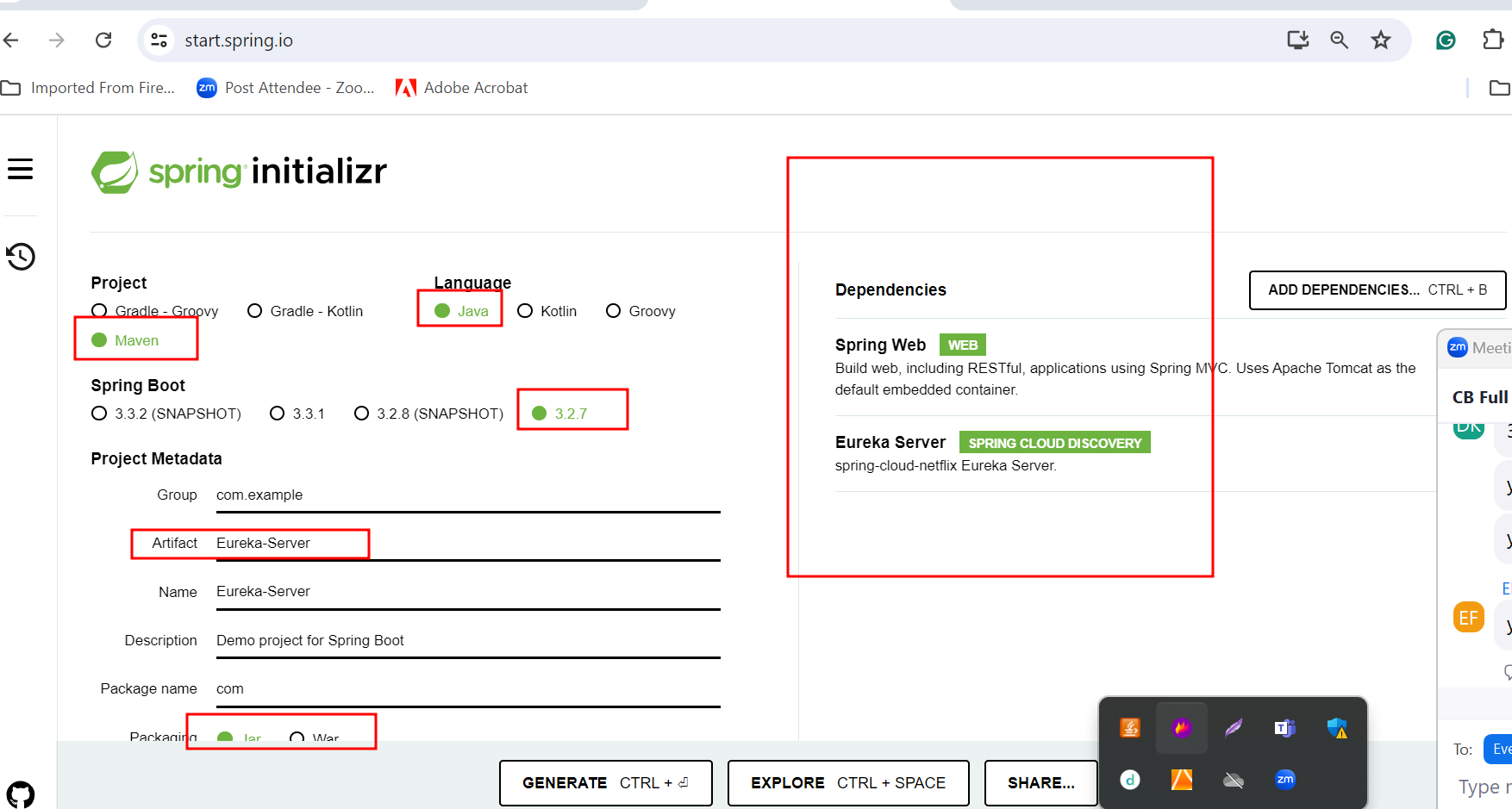
<https://start.spring.io/>

Backend folder

1. Eureka Server

Starter 🡪 Web Starter

Starter 🡪Eureka Starter



2nd project : login-app-micro-service

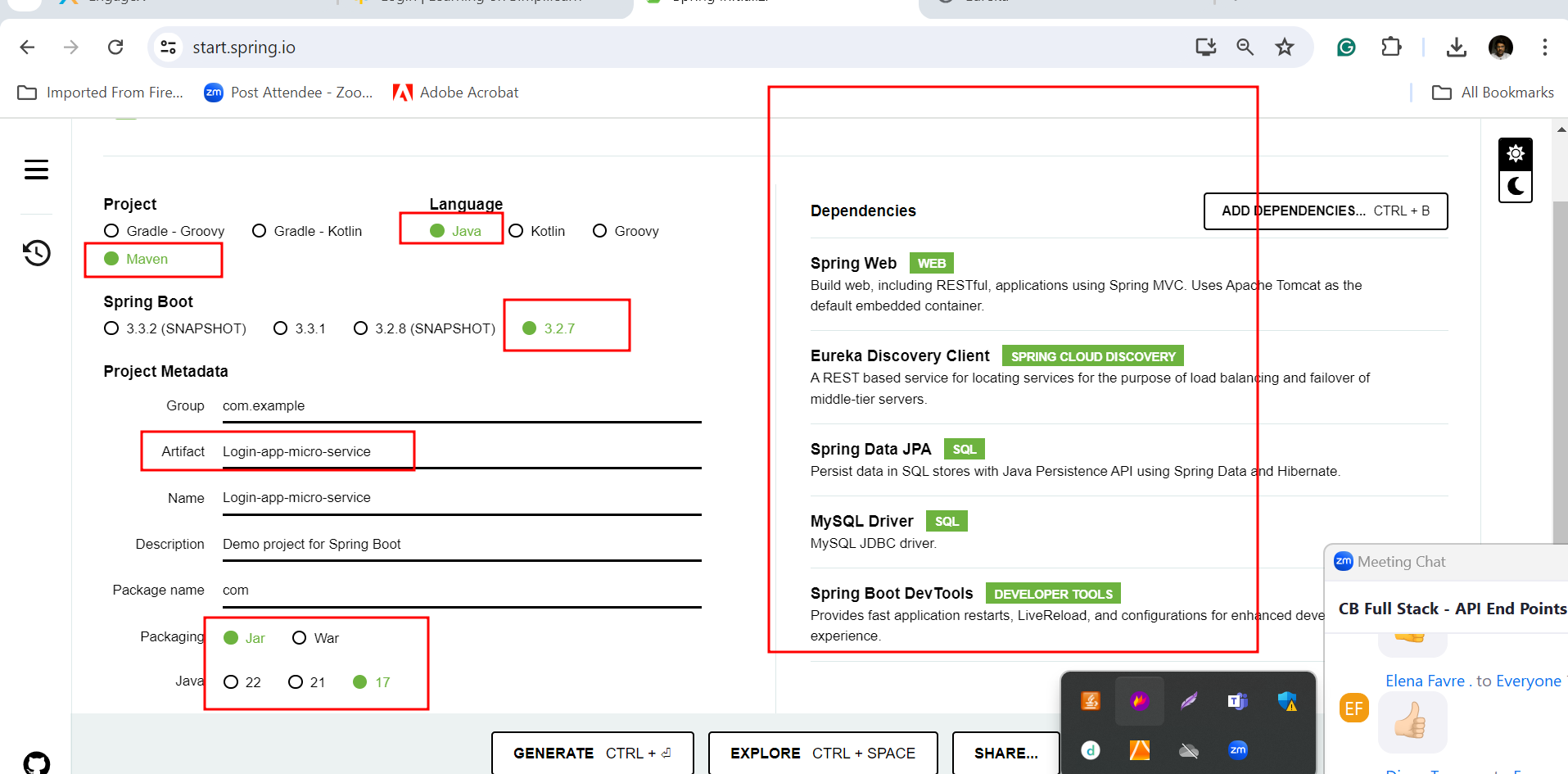
Starter -🡪 Web Starter

Starter 🡪Jpa Starter

Dependency 🡪MySQL

Starter 🡪 devtools

Starter 🡪Eureka Client



First check version of ng

Then uninstall the your machine ng using below command

npm uninstall -g @angular/cli

Then install

npm install -g @angular/cli@16.0.1

ng version

creating angular project using ng command

ng new shopping-frontend-app

or

npx @angular/cli@16.0.1 new shopping-frontend-app

do you want routing 🡪Yes

styling css 🡪 Yes

cd shopping-frontend-app

ng serve -o it open on default browser with port number <http://localhost:4200>

ng g c login login component create

ng g c signup signup component create

ng g c customerdashboard

ng g c admindashboard

ng g class login this command create normal typescript class which help to map the json data. This class map to entity class in backend technologies.

ng g s login this command create angular service class.

http.get(“URL”)

http.post(“URL”,jsonData)

http.put(“URL”,jsonData)

http.delete(“url”)

HttpClient all http method return type of Observable.

To consume that data we need to use subscribe.

This method take 3 parameter as callback.

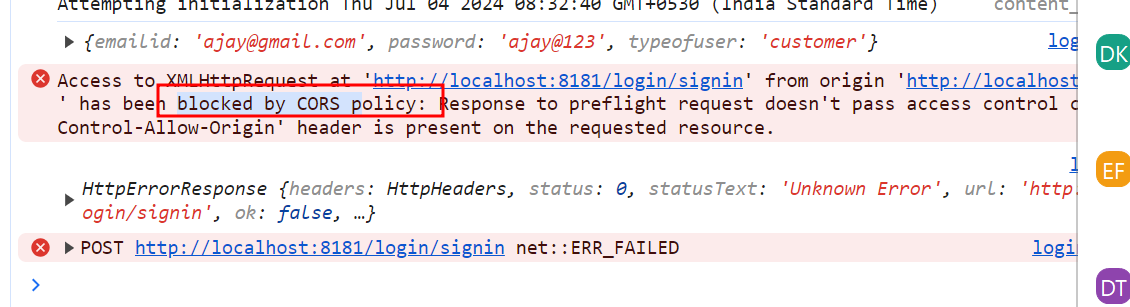
1st parameter is next : which help to load the data one by one.

2nd parameter is error : if any error generate at beginning or middle or last this method called.

3rd parameter is complete : after loaded all information if there is no error then this parameter

By default all http method return type json consider.

Get called.



Frontend technology running on web server with port number 4200

Backend technology running on tomcat server with port number 8181

CORS policy : Cross Origin Resource Sharing

To enable in java or any other technologies we were using xml configuration or properties configuration etc.

AJAX