INTERVIEWPANEL

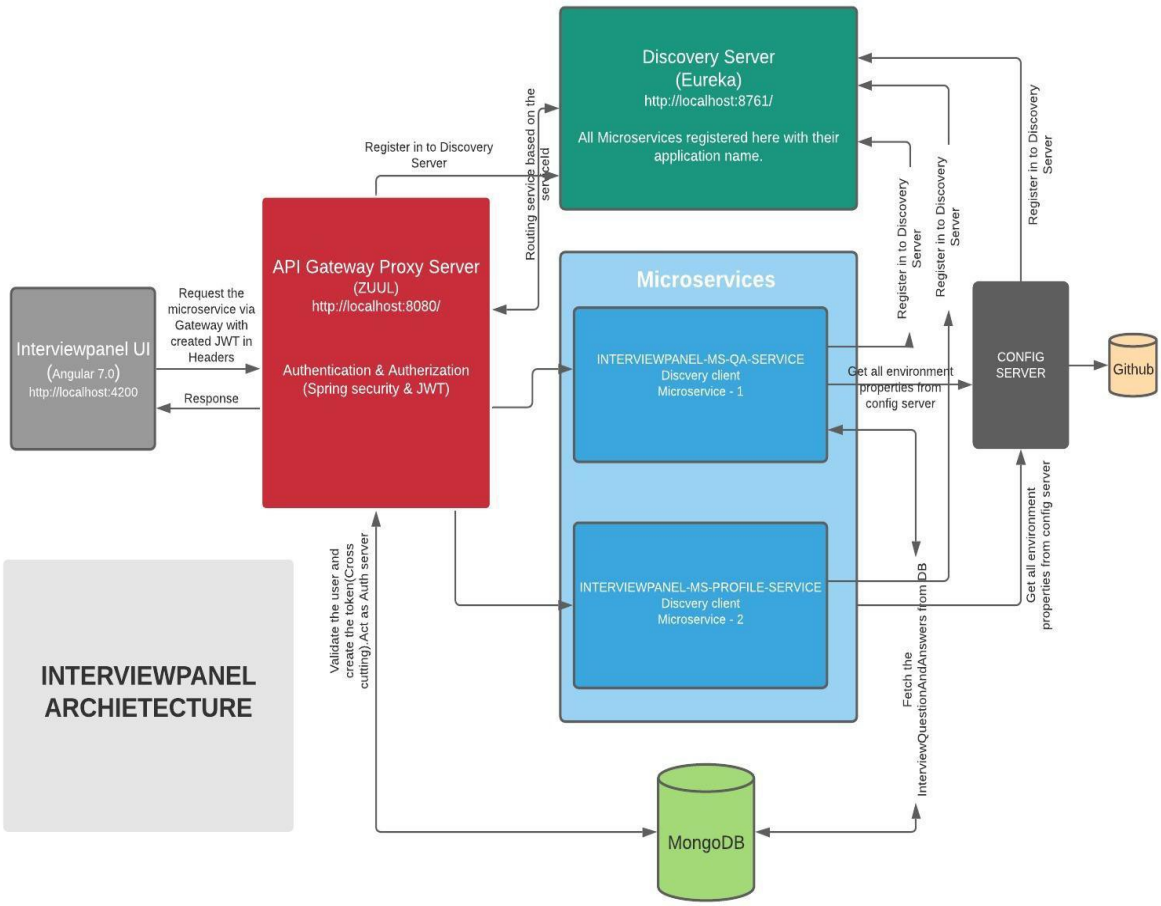


Fig: Interviewpanel - Architecture-Diagram

Project Local setup :

Frontend Development:

Git Repository:

> https://github.com/karpomkarpipom/interviewpanel-ui

Development Software and Tool:

> IDE - Visual Studio Code
> Angular **7.0**, Node.js, Angular CLI, https://www.geeksforgeeks.org/angular-7-installation/

Backend Development:

Git Repository:
> Discovery-server : https://github.com/karpomkarpipom/interviewpanel-discovery-server
> Config-server: https://github.com/karpomkarpipom/interviewpanel-config-server.git
> Gateway-server : https://github.com/karpomkarpipom/interviewpanel-api-gateway-server
> Question and Answer Service: https://github.com/karpomkarpipom/interviewpanel-ms-questionandanswer-service

Development Software and Tool:

> IDE – STS or IDEA IntelliJ (I am using Version: 3.9.12.RELEASE)
> JDK 1.8
> Mongo db (Any latest version) installed and running in the port of 27017
> MongoDB Compass Community (GUI)
> Restclient: Postman or Insomnia

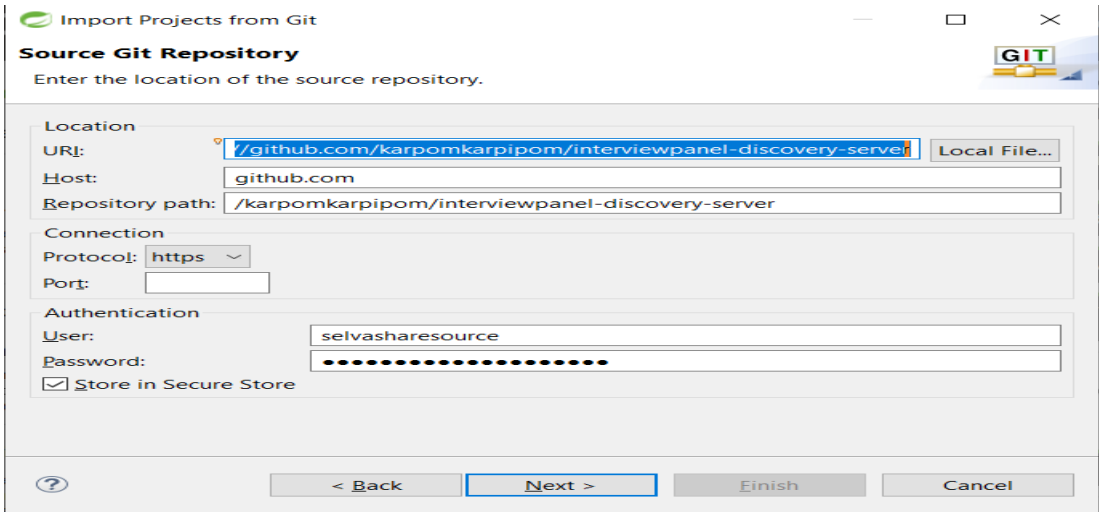
** If you are running application non internet then go to configserver application.yml and change to native instead of git uri. Because it will always fetch the config property from git hub.*

Backend set steps:

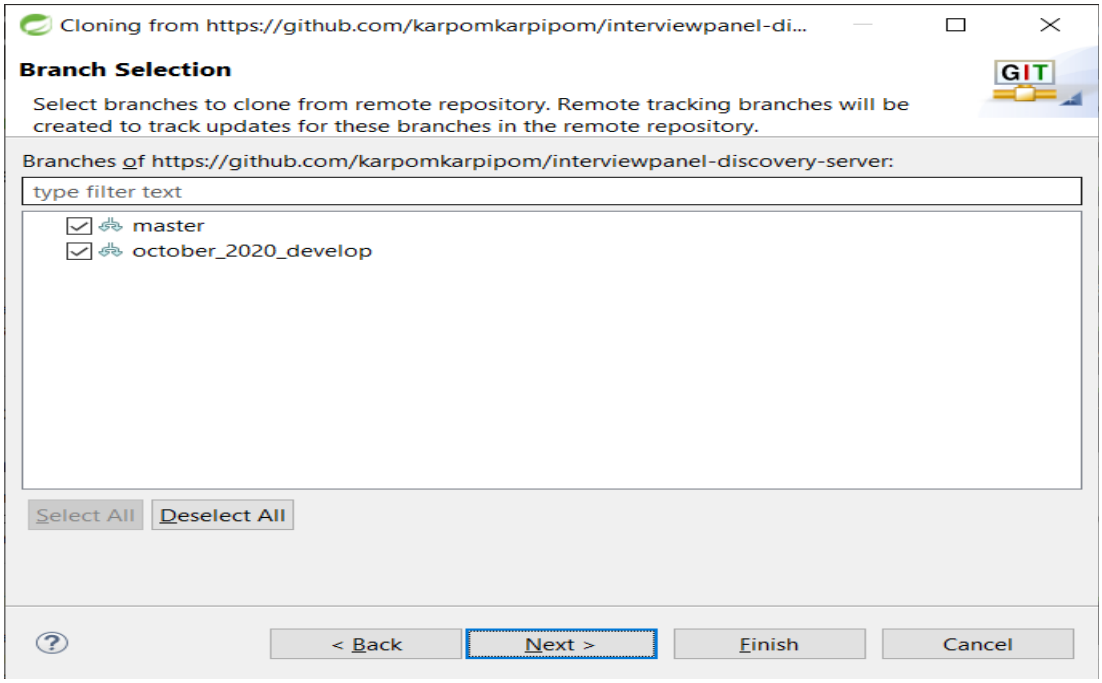
> Must follow the this below steps

> First run Eureka server
> Second Config server
>Third Gateway-server
> Fourth Micro service – (interviewpanel-ms-qa-service)

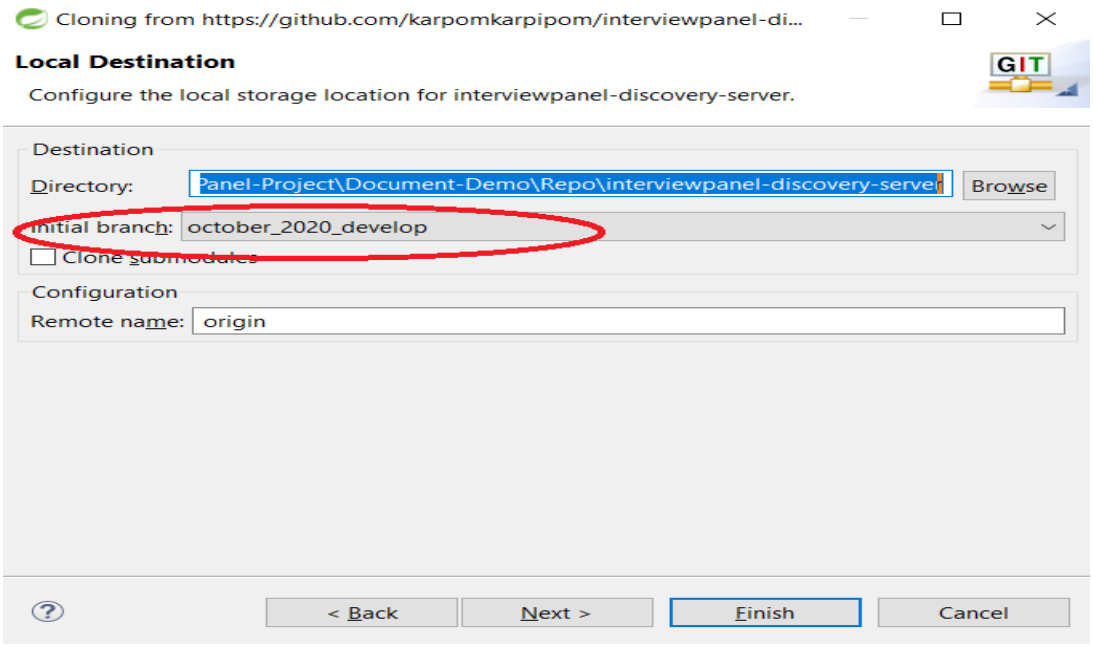
STEP 1 > File> import > Git > Projects from Git > Clone URI
> In URI Place https://github.com/karpomkarpipom/interviewpanel-discovery-server
> **User**:selvasharesource **password**: selvasharesource@789



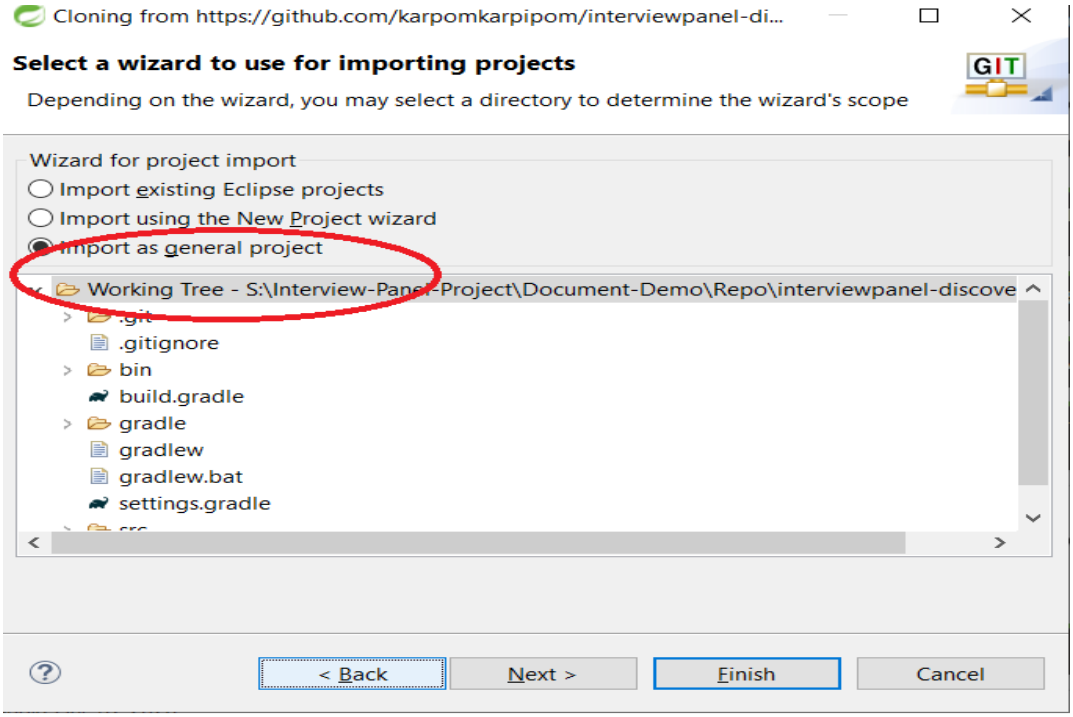
STEP 2 > select next



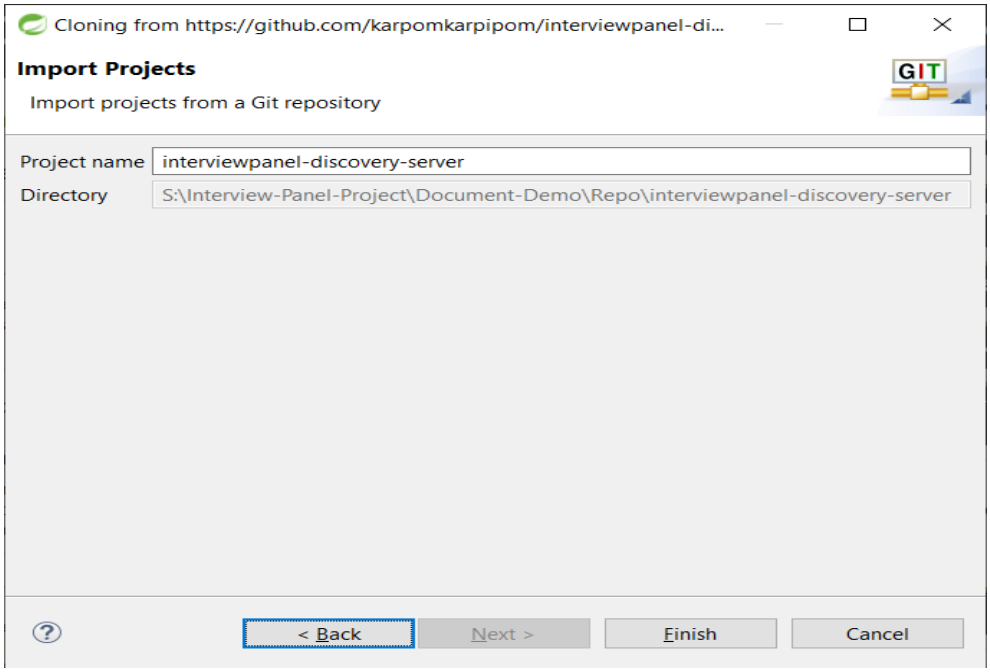
STEP 3 > Select your local directory and initial branch as **october_2020_develop**



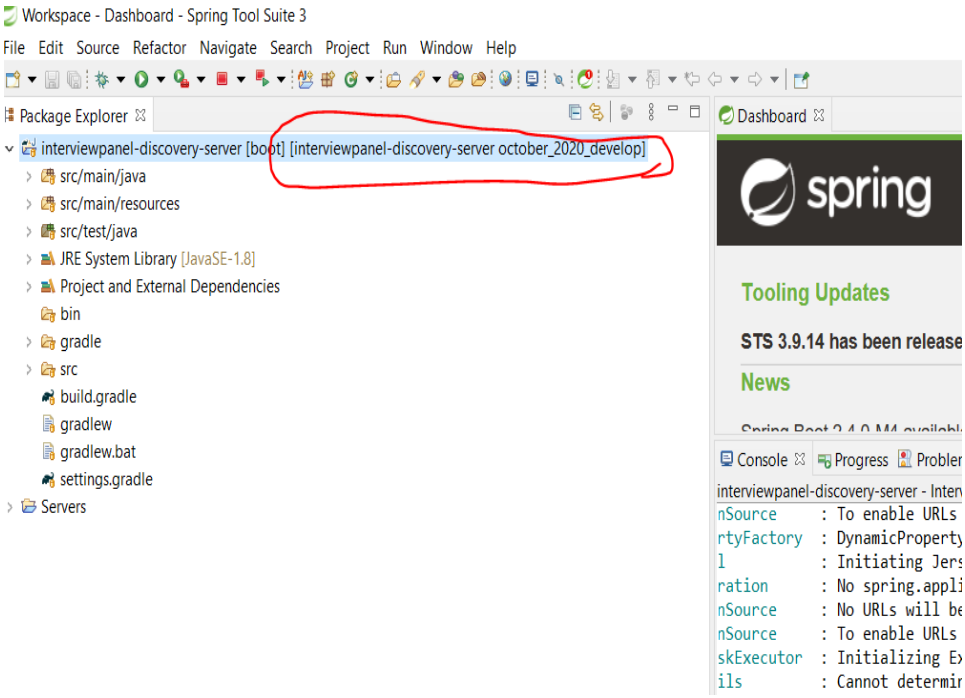
STEP 4> Select import as general project



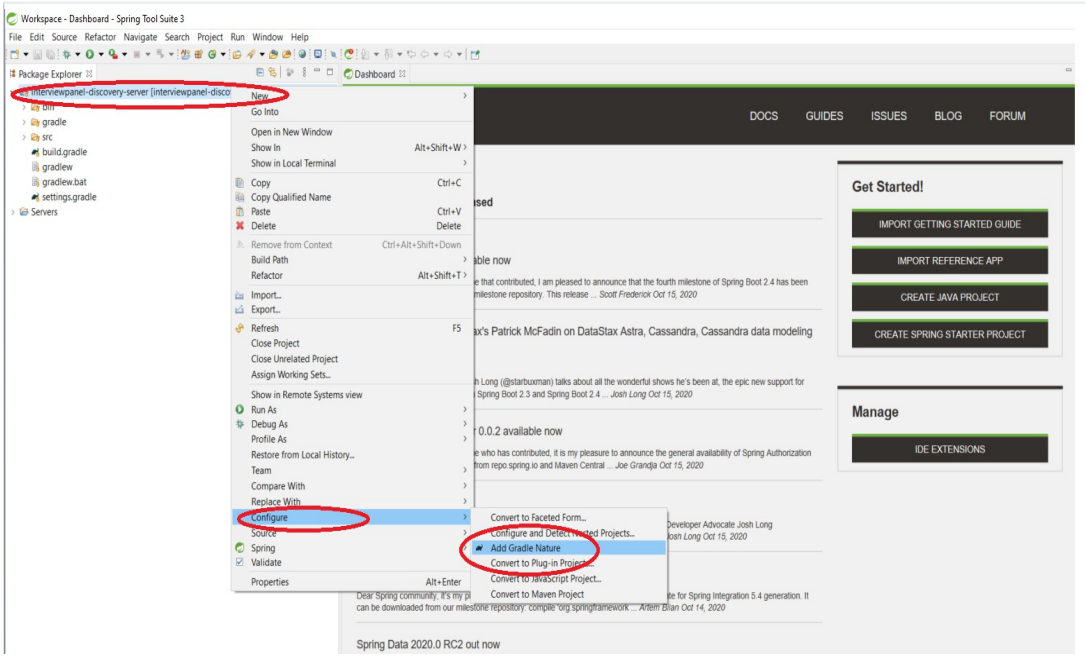
STEP 5 > Finish



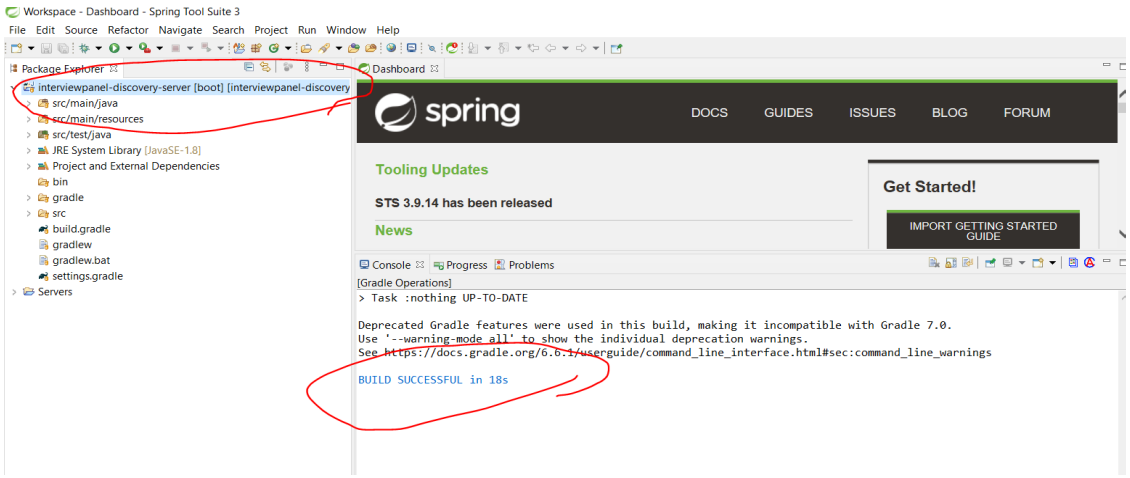
STEP 6 > Make sure remote branch october_2020_develop



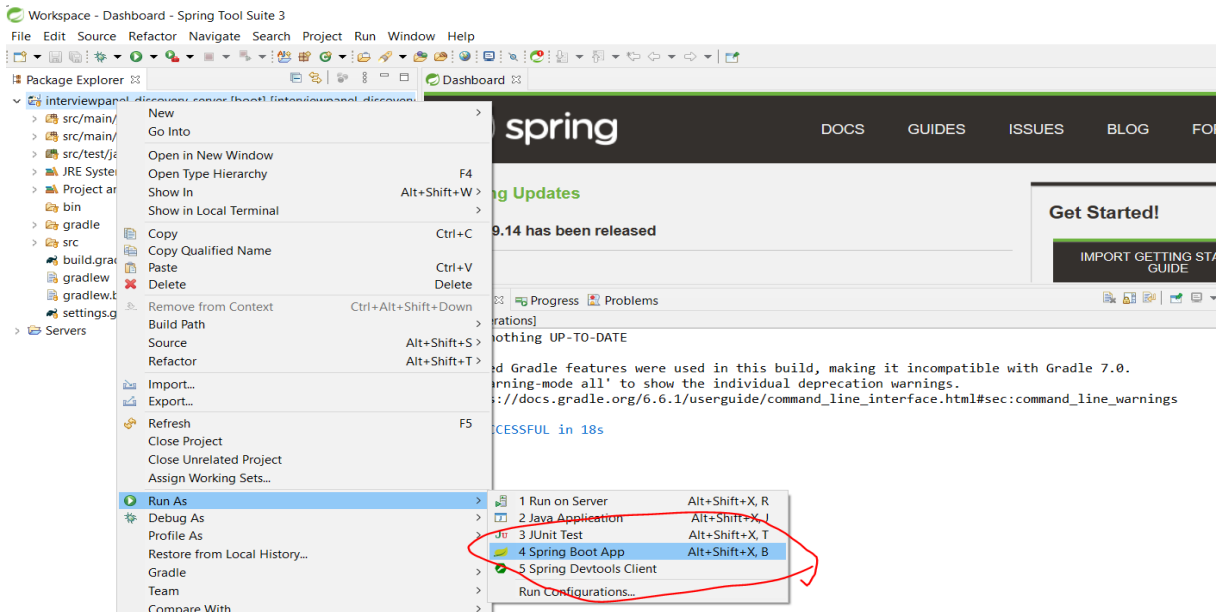
STEP 7> Right click > Configure > Add Gradle Nature



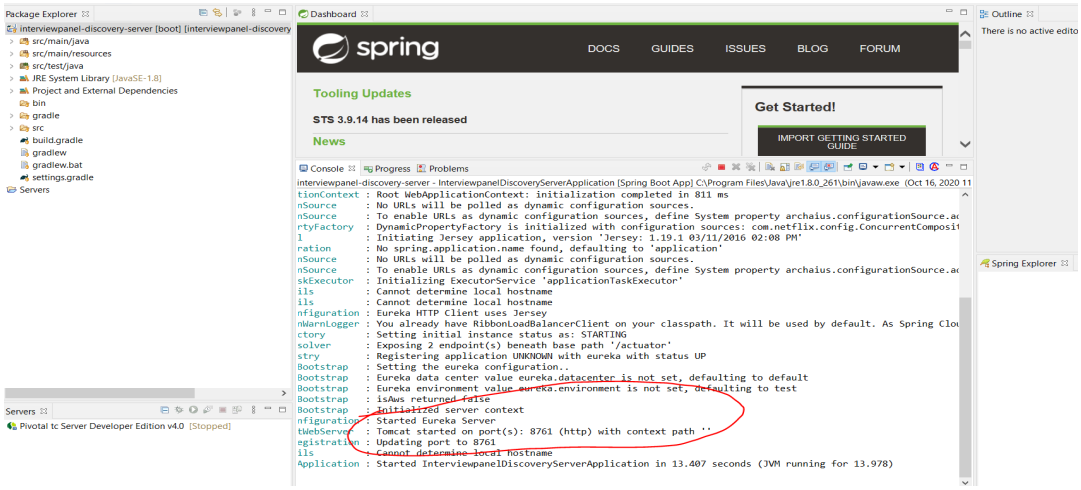
STEP 8 > After success build you will see the screen



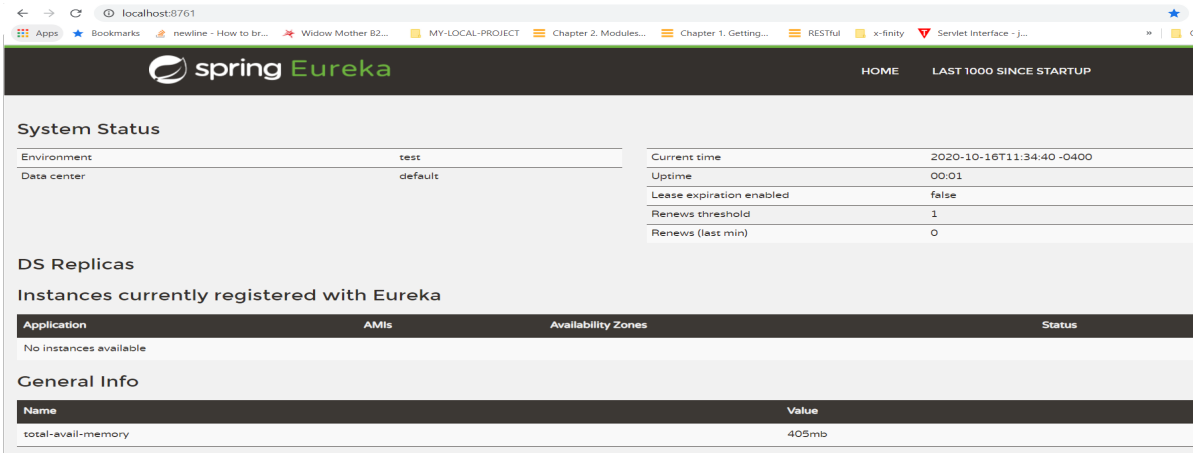
STEP 9 > Rightclick on the project> Run As > Spring Boot App



> Eureka Server started successfully!



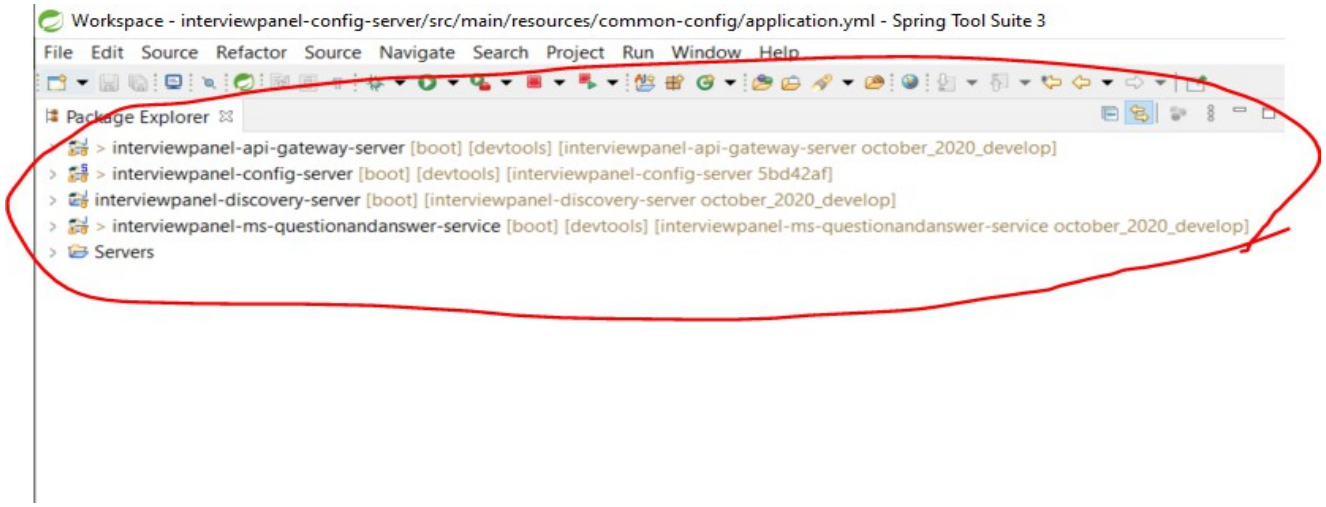
> Now you can access http://localhost:8761/



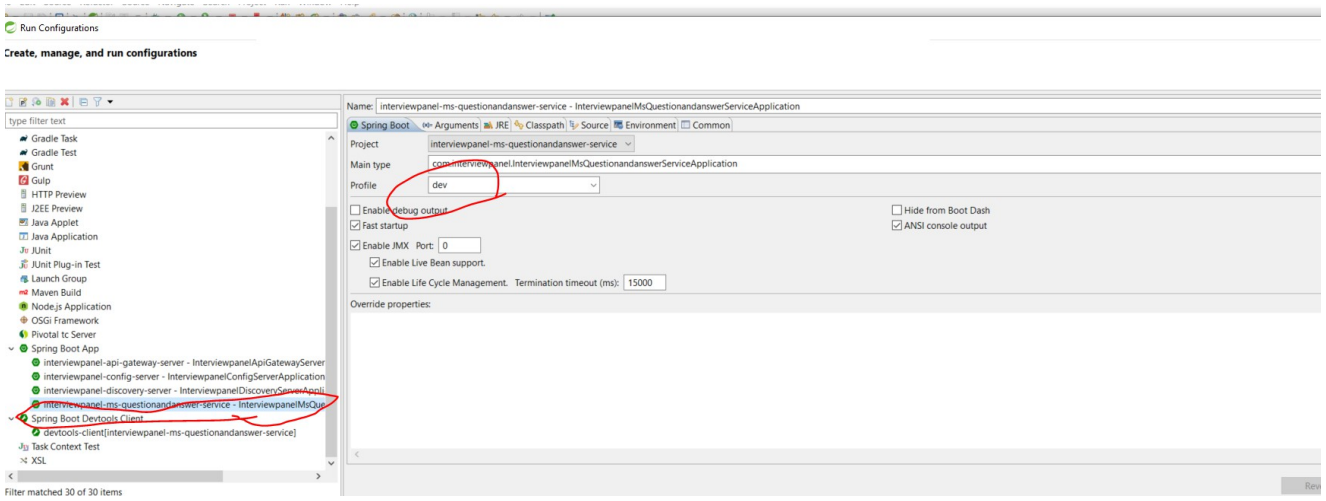
Follow the **above 9 steps** for other three services (Config, Gateway and Microservice) till Run them successful

> Must follow the this below steps

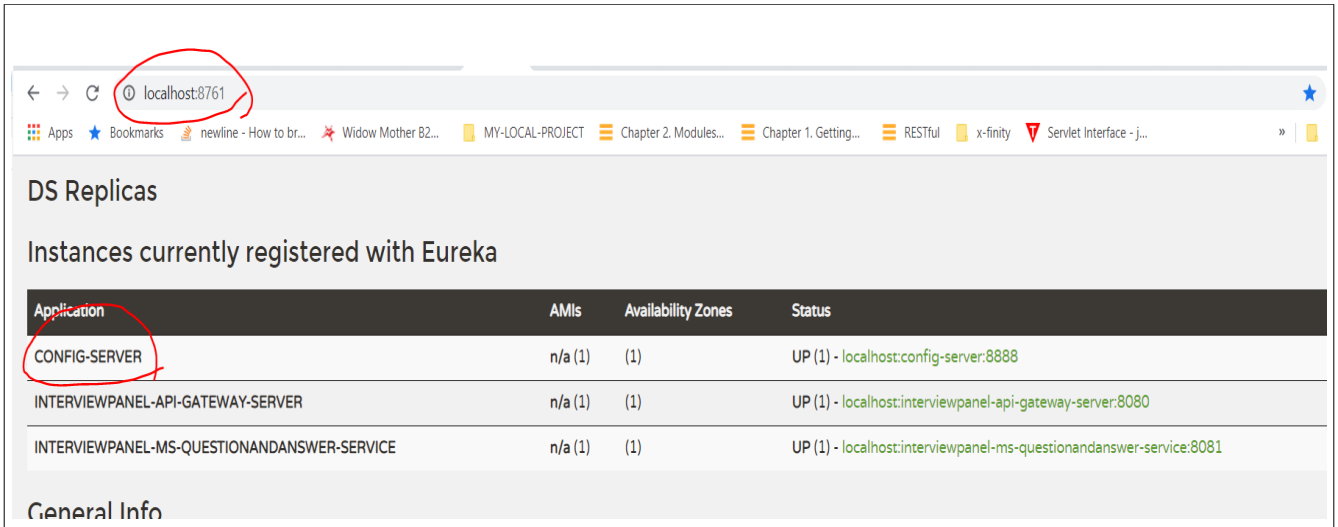
> First run Eureka server
> Second run Config server
>Third run Gateway-server
> Fourth run Micro service – (interviewpanel-ms-qa-service)



Run the interviewpanel-ms-questionandanswer-service by Profile based : below run the service by "dev"/"local"/"int"/"qa"/"prod" -profile



> If all services are up and running then you will see the below screen in http://localhost:8761/ Eureka server:



Checking Backend service working by Restclient - POSTMAN

API Gateway URL : http://localhost:8080/

First Signup the user : http://localhost:8080/api/signup

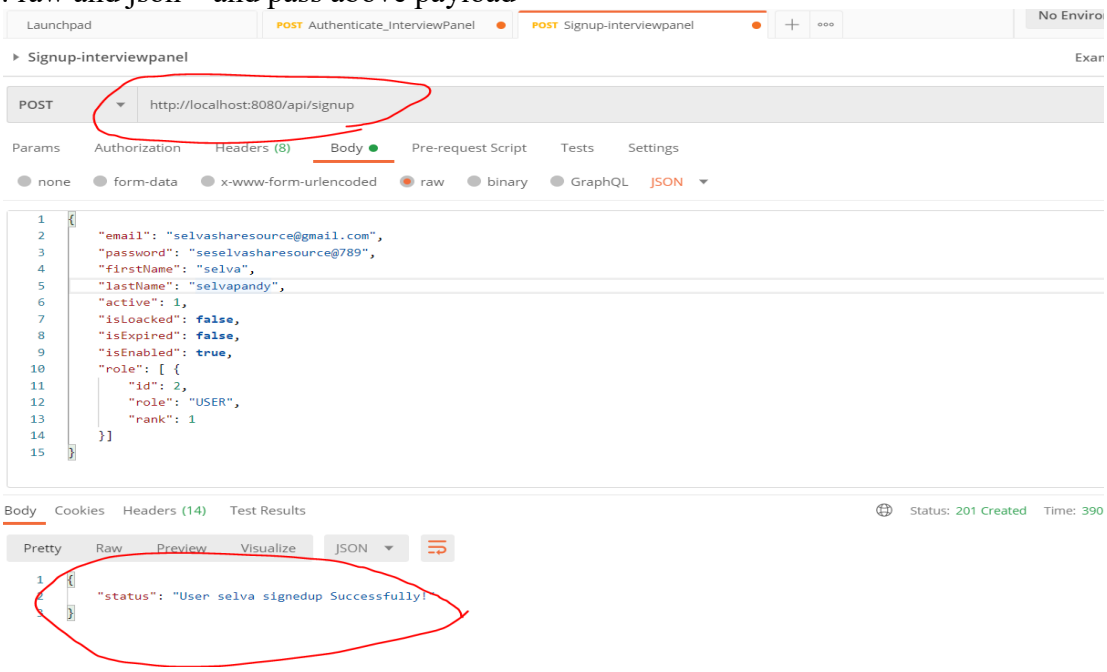
Below is the sample Payload, Create with your email and password

Payload:


```
{
  "email": "selvasharesource@gmail.com",
  "password": "seselvasharesource@789",
  "firstName": "selva",
  "lastName": "selvapandy",
  "active": 1,
  "isLoacked": false,
```

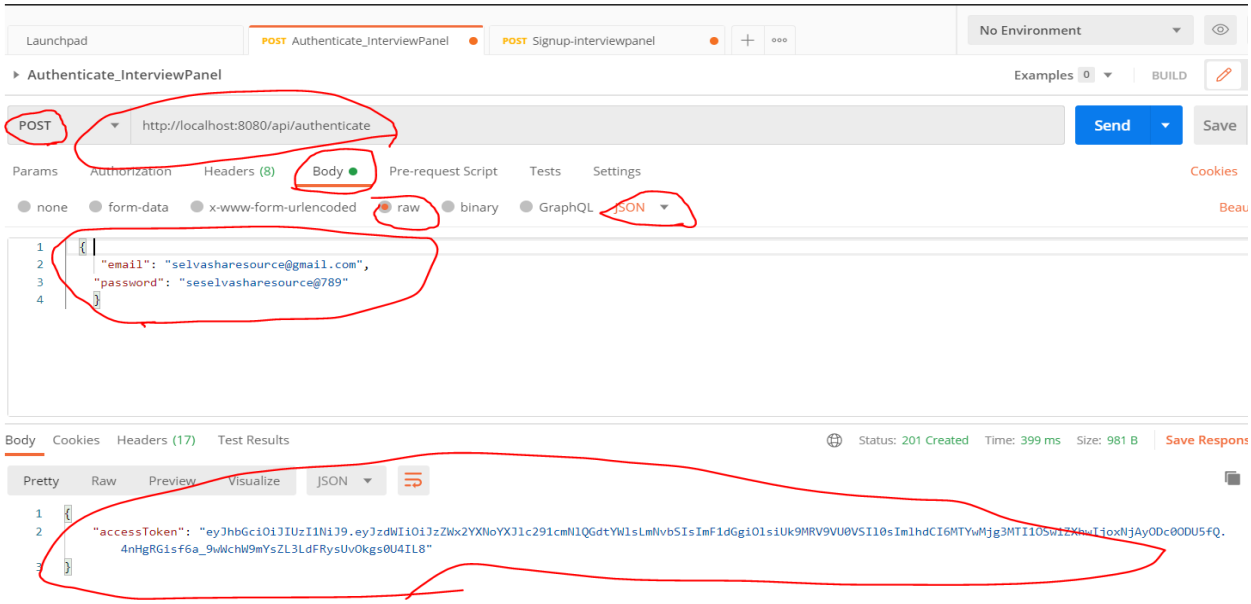
```
  "isExpired": false,
  "isEnabled": true,
  "role": [ {
    "id": 2,
    "role": "USER",
    "rank": 1
  }]
}
```

Choose : raw and json – and pass above payload



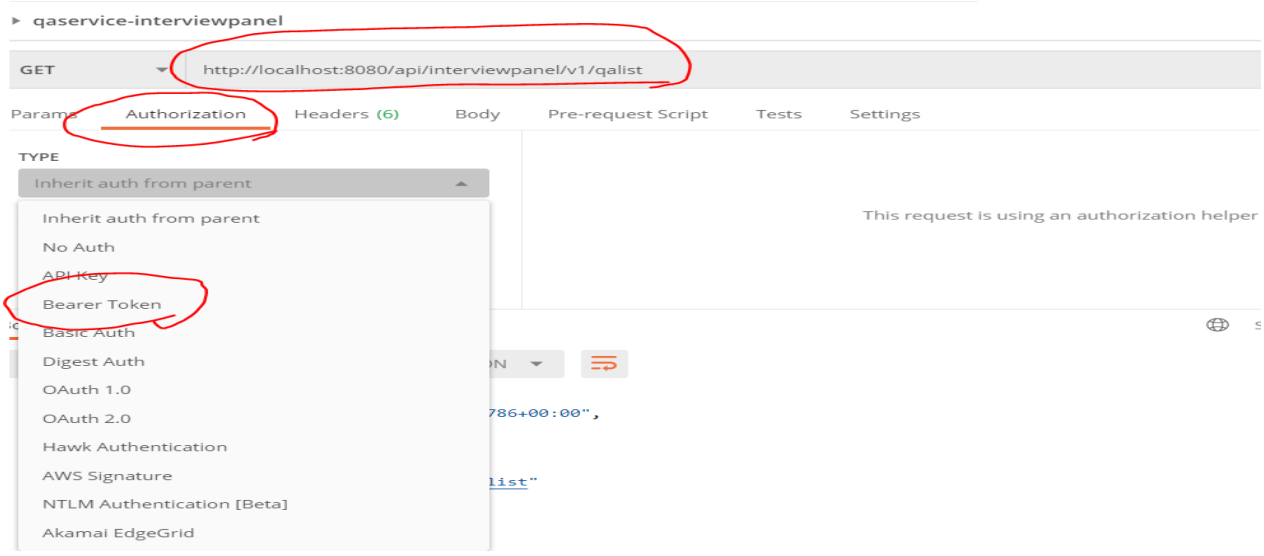
Step 2 : Call authenticate end point to get token: http://localhost:8080/api/authenticate with payload to call the Microservice

```
{
  "email": "selvasharesource@gmail.com",
 "password": "seselvasharesource@789"
 }
```

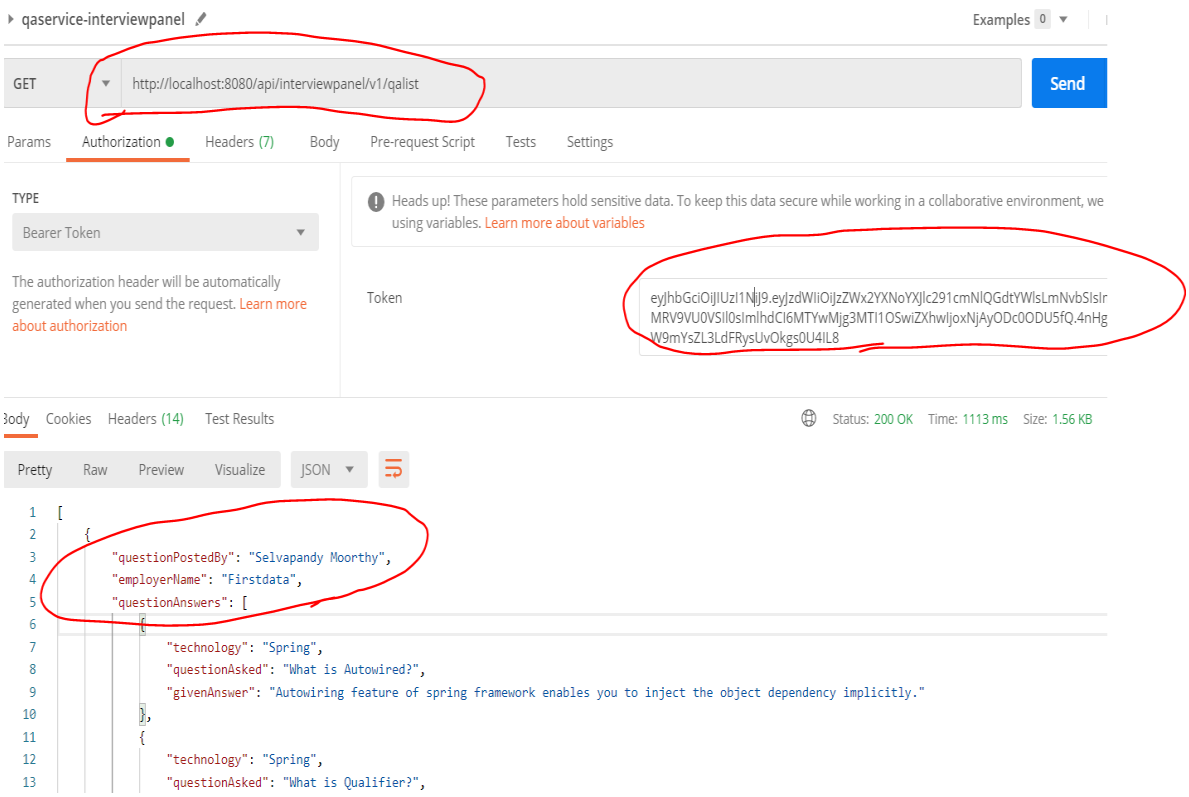


Step 3: Call qa service by passing the Bearer token http://localhost:8080/api/interviewpanel/v1/qalist

Select the Bearer token:



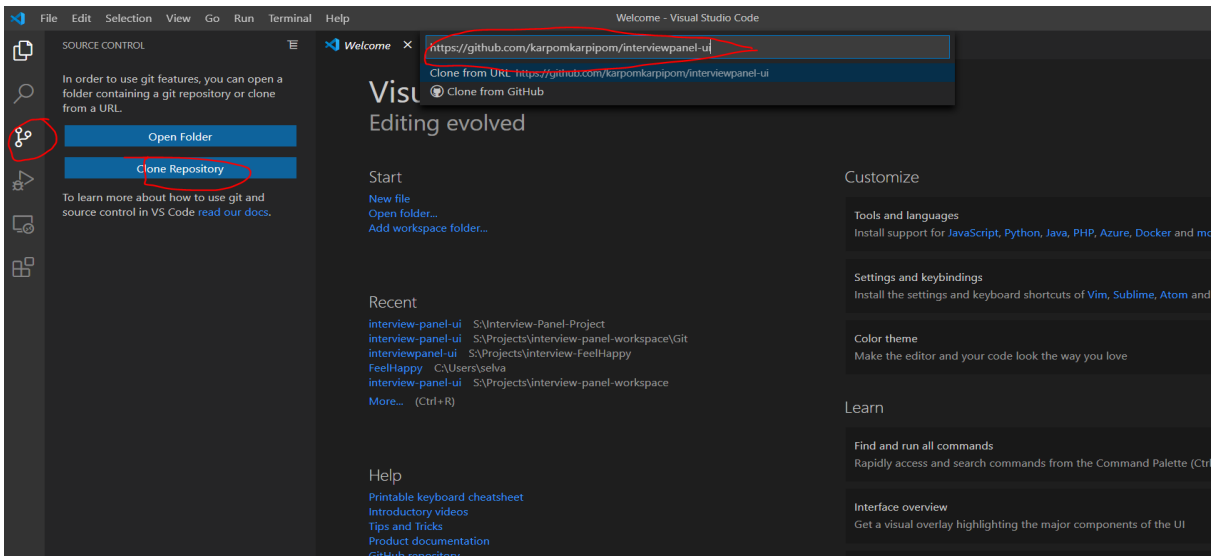
Successfully retrieved the data



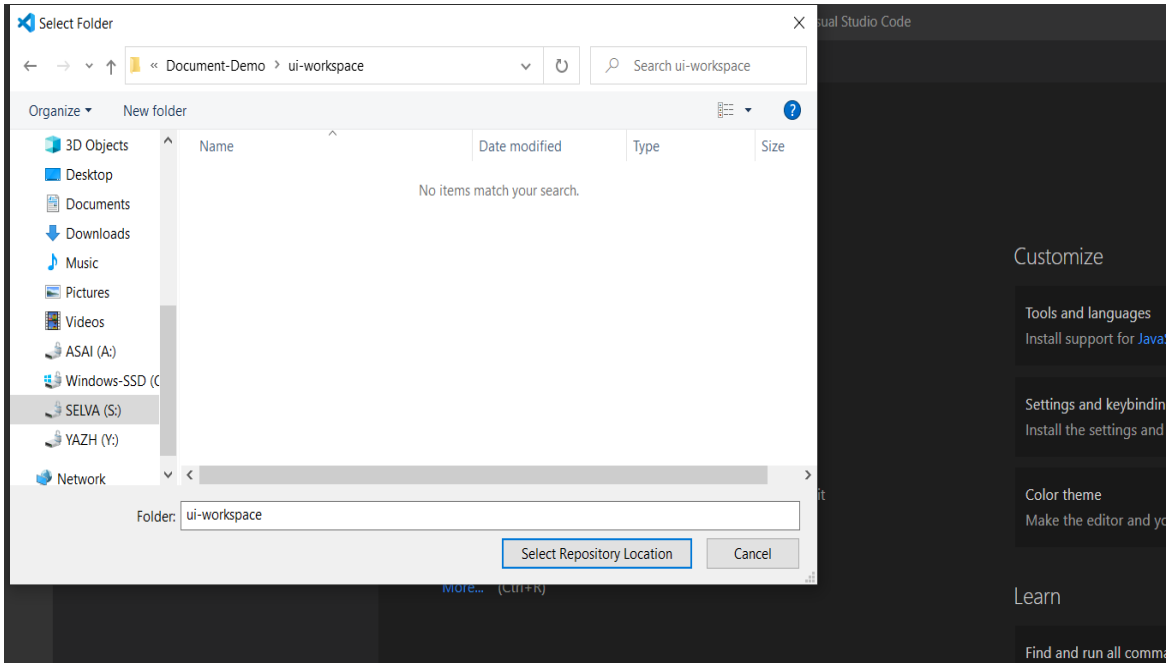
----------Backend Successful done!----------

Frontend Setup :

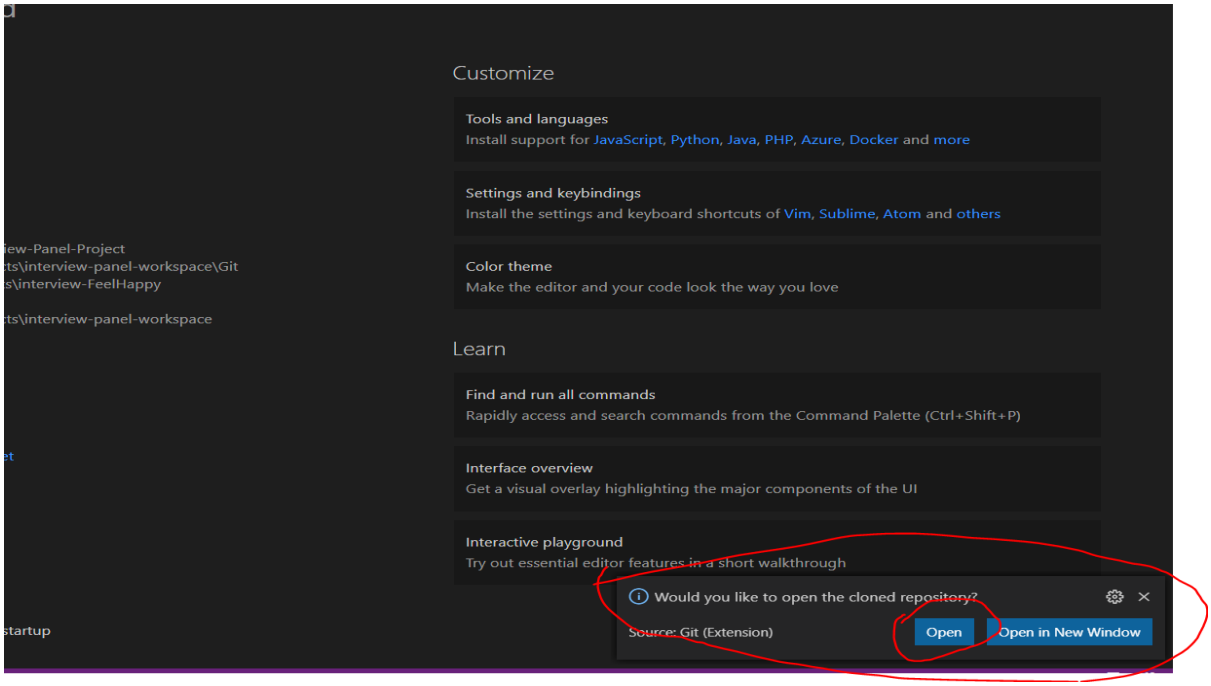
Step 1> Visual Studio Code



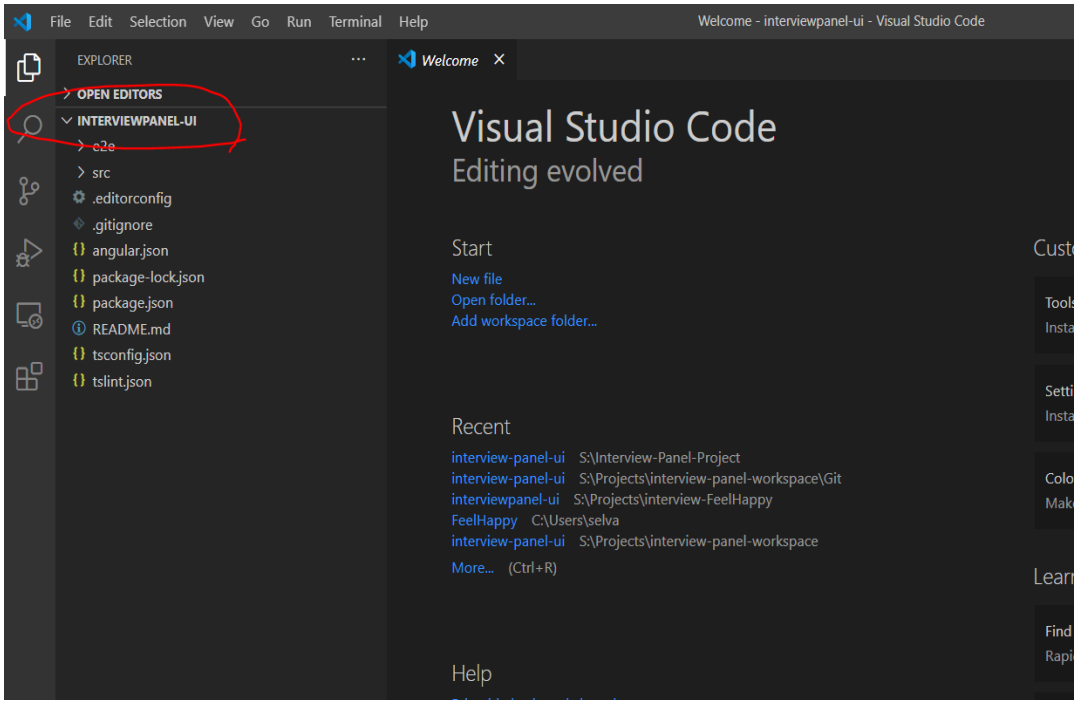
Step 2 > select some local folder



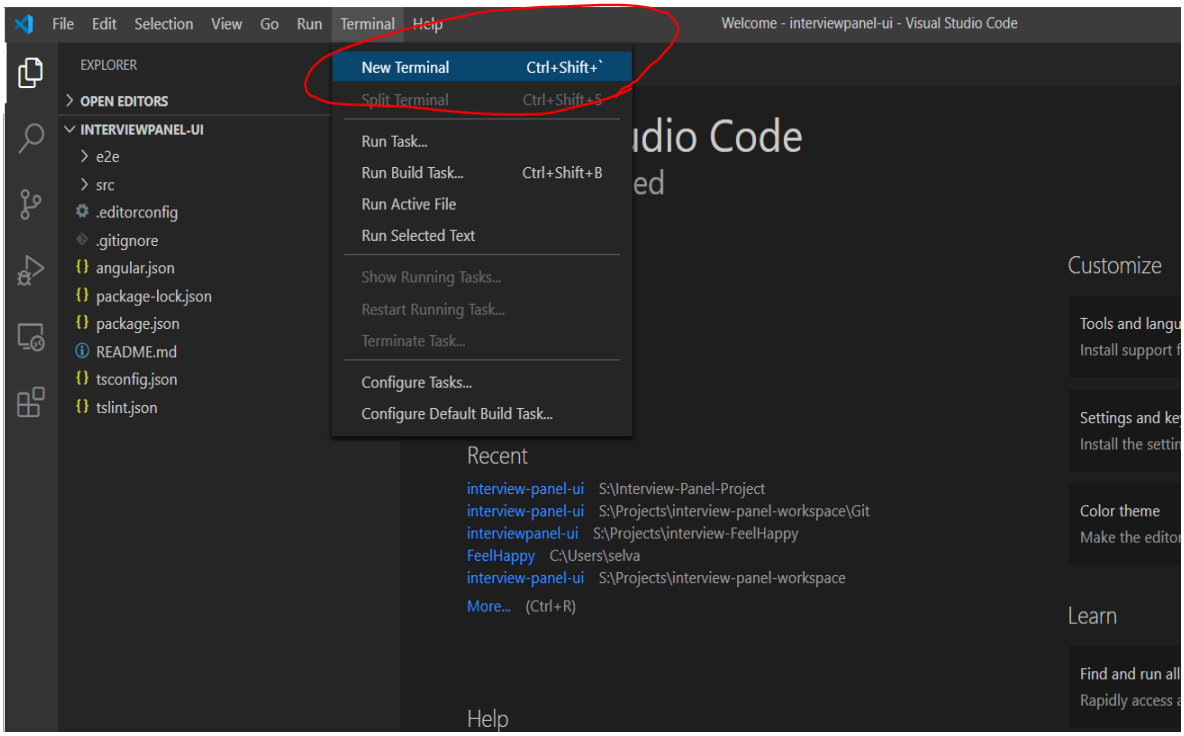
Step 3 > Open



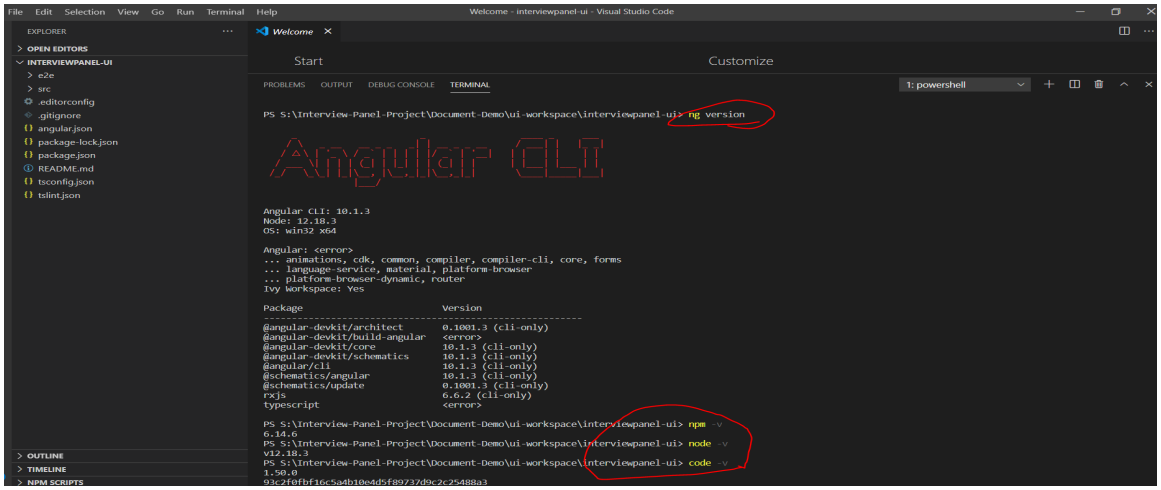
Step 3 > you can see the project structure



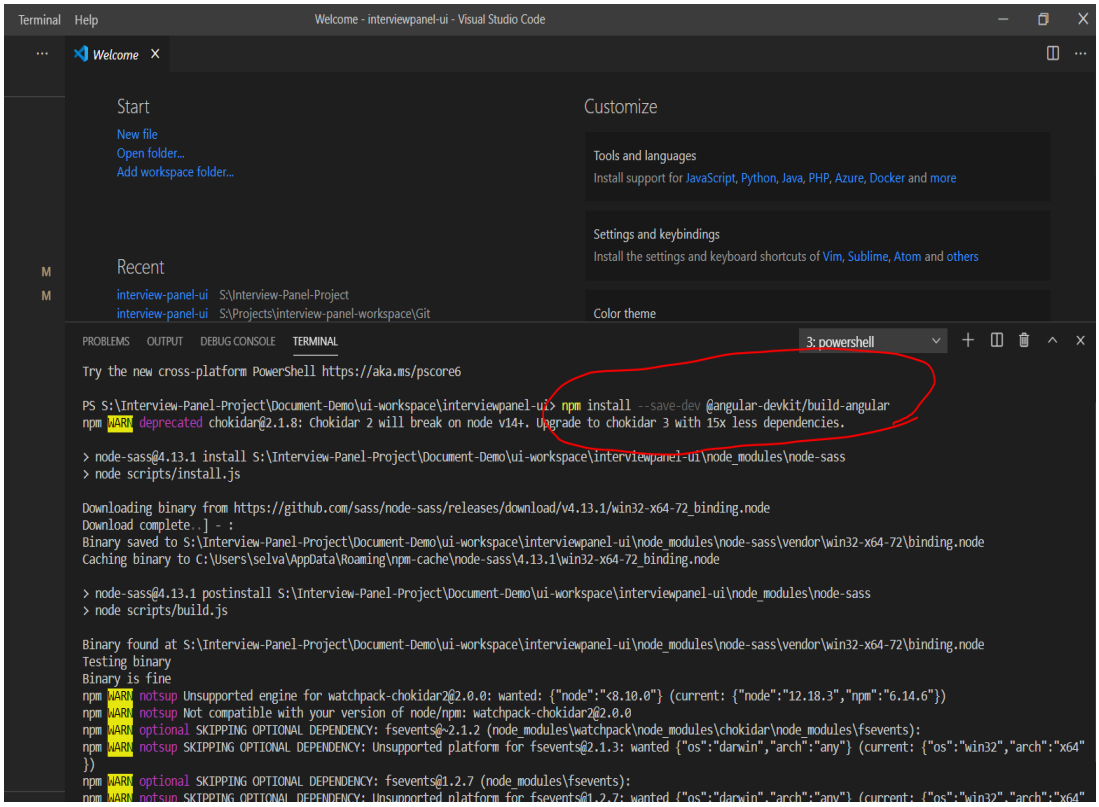
> Open new terminal



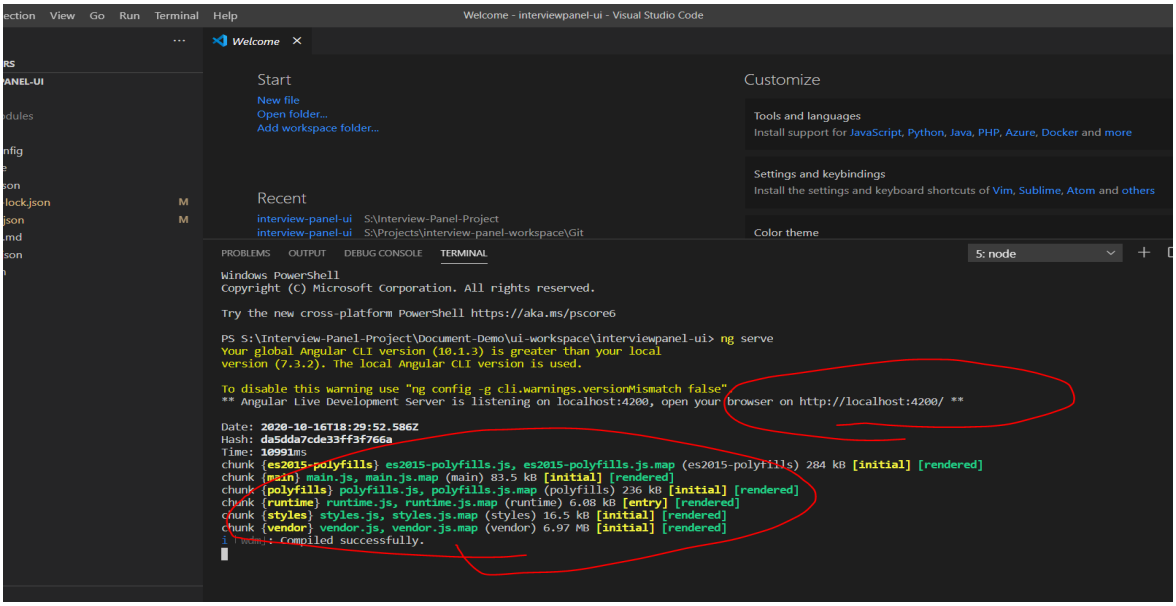
> Check all you have installed the version if not please follow the link Angular 7.0 setup



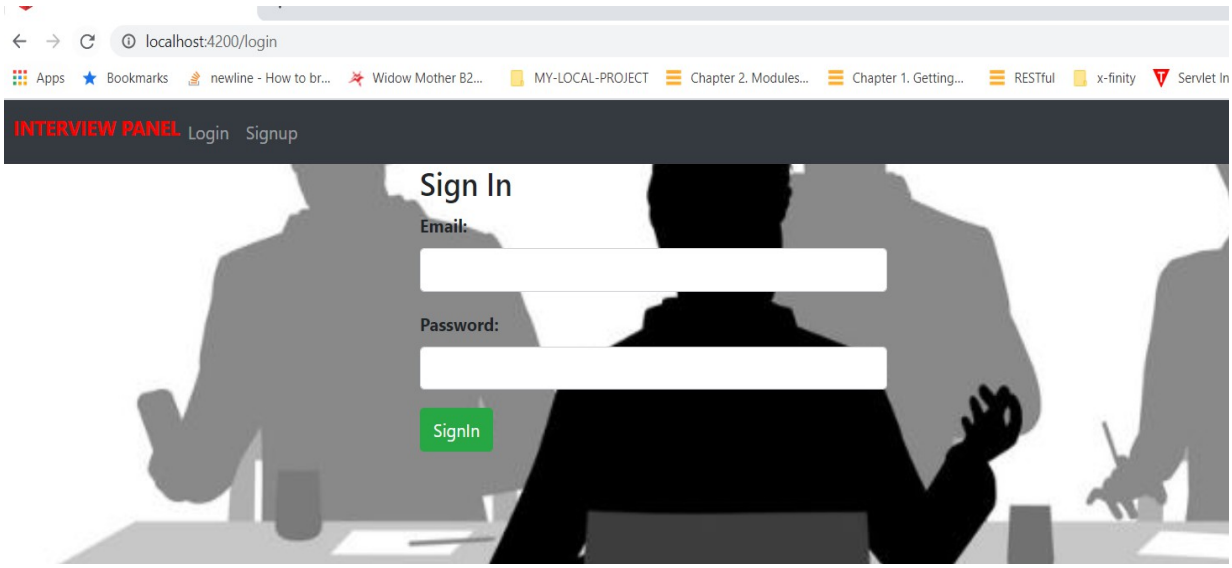
Must run this command: `npm install --save-dev @angular-devkit/build-angular`



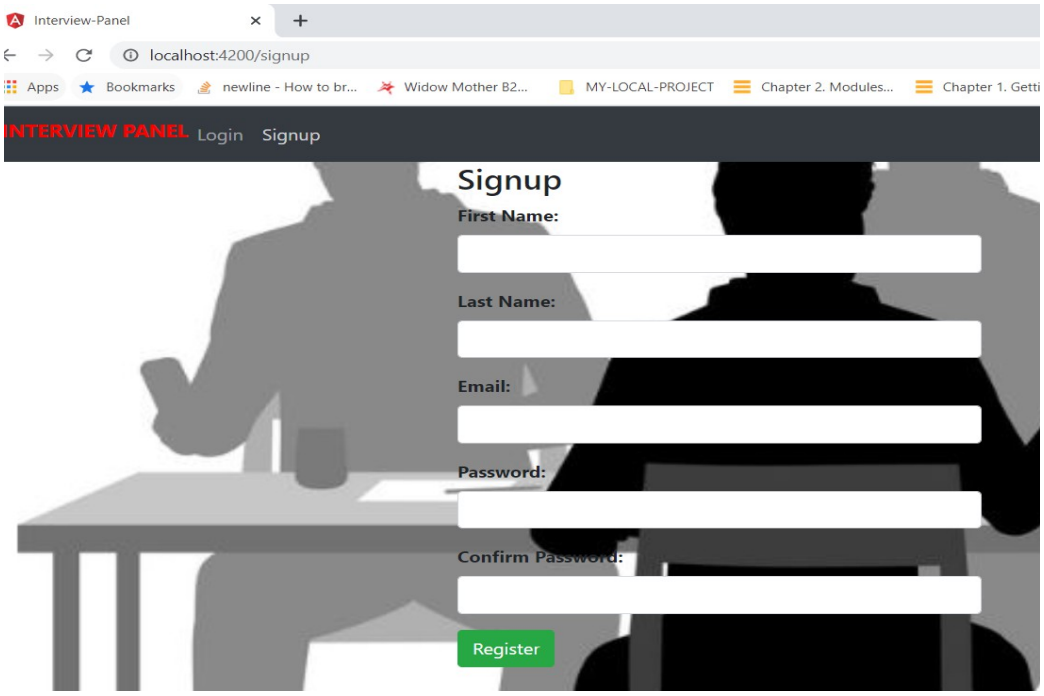
> Compiled and Run Successfully in 4200 port : http://localhost:4200/



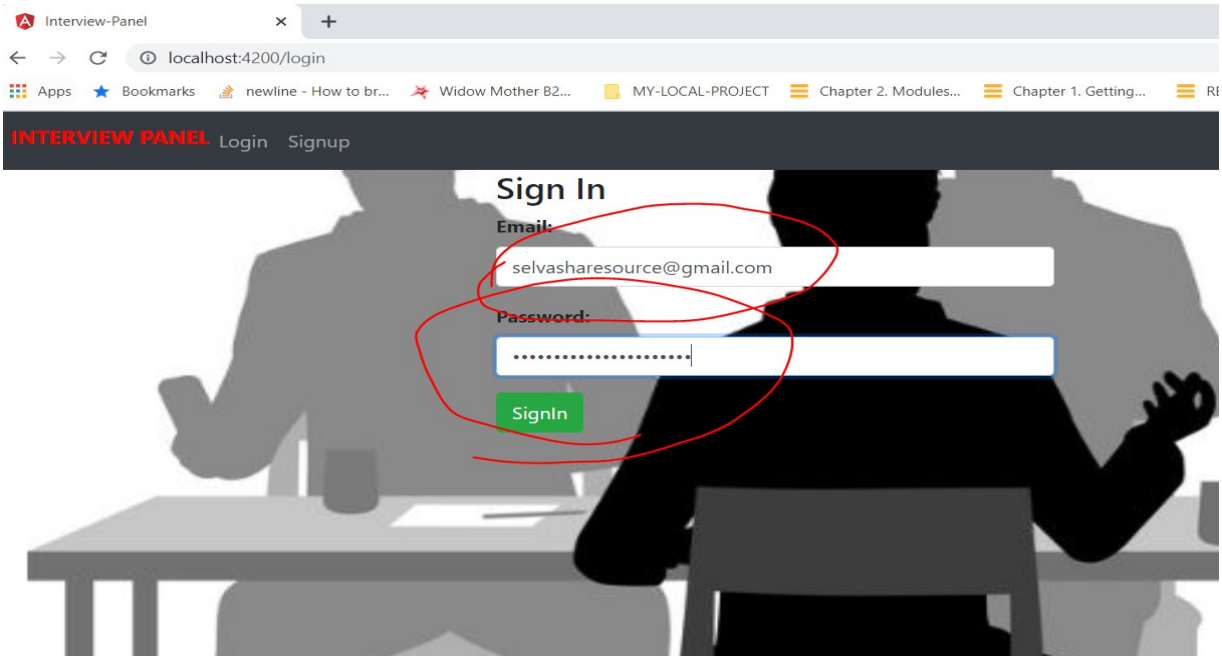
Application run successfully:



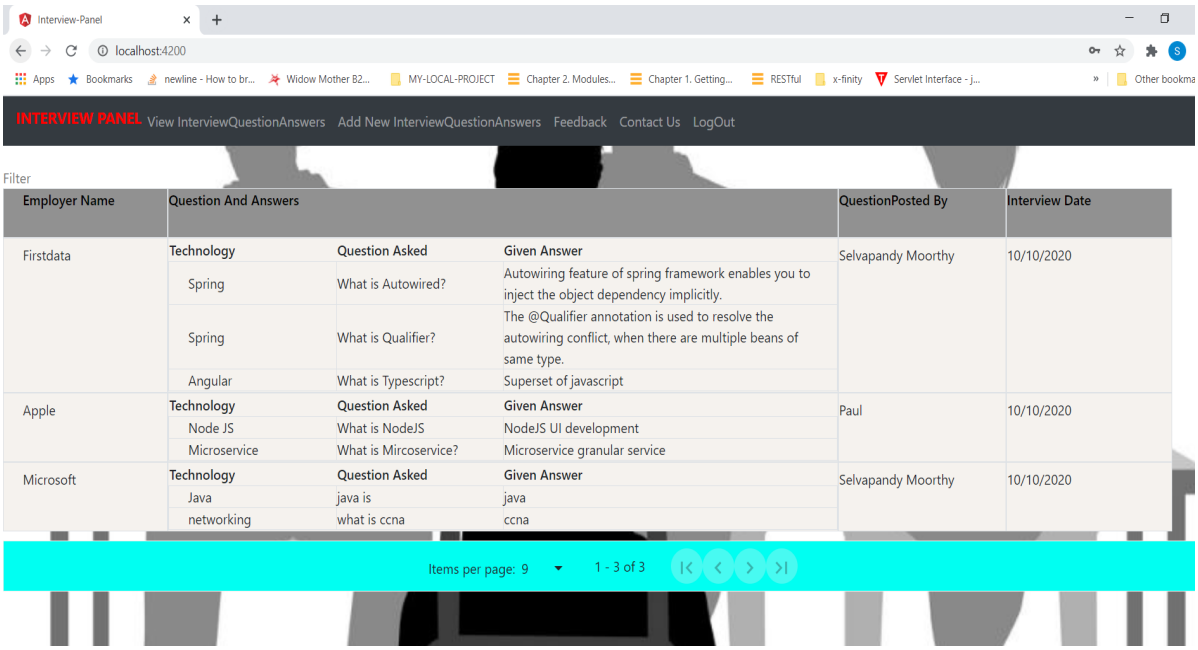
Signup : with new user

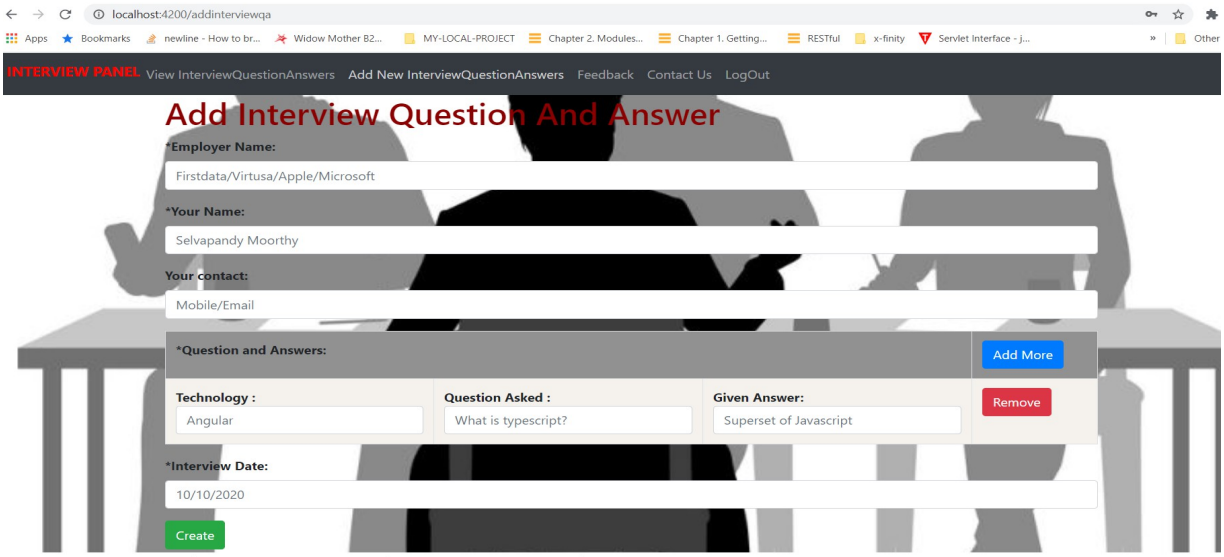


SignIn:



Successfull page:



Employer Name	Question And Answers			QuestionPosted By	Interview Date
Firstdata	Technology	Question Asked	Given Answer	Selvapandy Moorthy	10/10/2020
	Spring	What is Autowired?	Autowiring feature of spring framework enables you to inject the object dependency implicitly.		
	Spring	What is Qualifier?	The @Qualifier annotation is used to resolve the autowiring conflict, when there are multiple beans of same type.		
	Angular	What is Typescript?	Superset of javascript		
Apple	Technology	Question Asked	Given Answer	Paul	10/10/2020
	Node JS	What is NodeJS	NodeJS UI development		
	Microservice	What is Mircoservice?	Microservice granular service		
Microsoft	Technology	Question Asked	Given Answer	Selvapandy Moorthy	10/10/2020
	Java	java is	java		
	networking	what is ccna	ccna		

Add Interview Question and Answer Page: