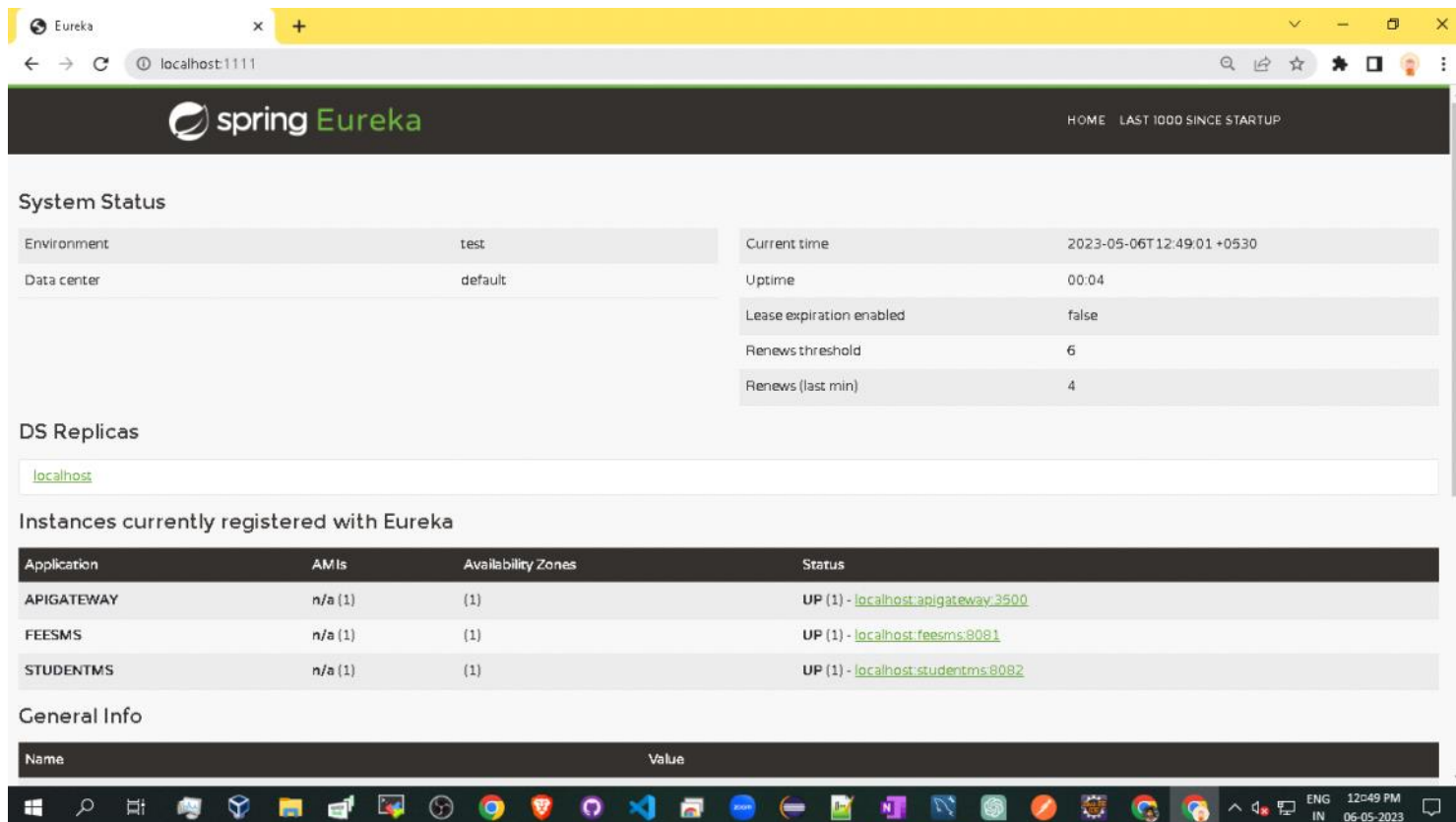
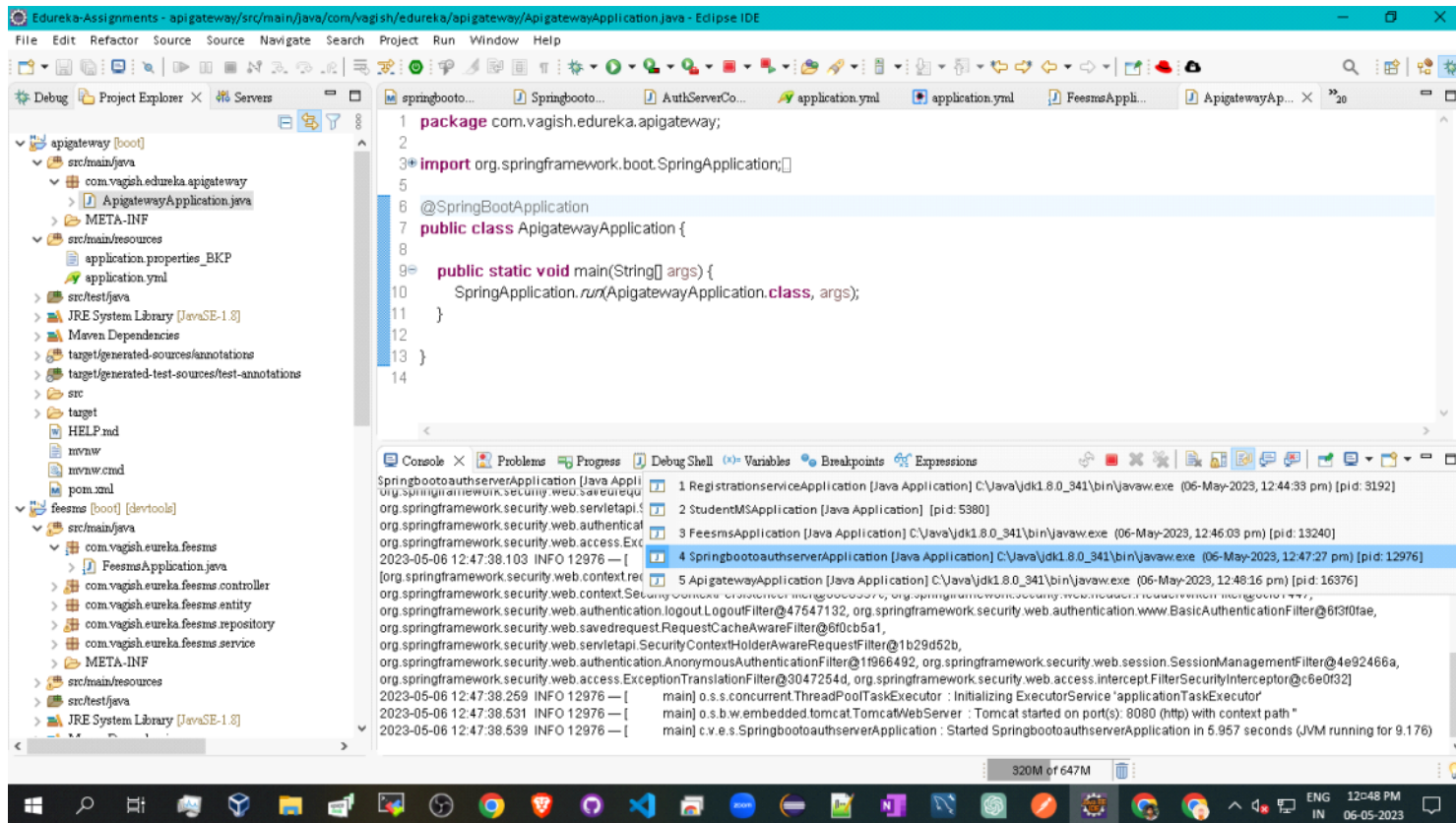


Assignment6



application.yml

```
1 server:
2   port: 3500
3
4 eureka:
5   client:
6     serviceUrl:
7       defaultZone: http://localhost:1111/eureka/
8   instance:
9     appname: apigateway
10
11 spring:
12   main:
13     web-application-type: reactive
14   application:
15     name: apigateway
16   security:
17     oauth2:
18       resourceserver:
19         opaquetoken:
20           introspection-uri: http://localhost:8080/oauth/check_token
21           client-id: testclientid
22           client-secret: test123
23
24 cloud:
25   gateway:
26     routes:
27       - id: studentmodule
28         uri: "http://localhost:8082/students"
29         predicates:
30           - "Path=/students/**"
31       - id: usermodule
32         uri: "http://localhost:6700/users/health"
33         predicates:
34           - "Path=/users/**"
35       - id: feesmodule
36         uri: "http://localhost:8081/fees"
37         predicates:
38           - "Path=/fees/**"
```

YAML Ain't Markup Language length: 866 lines: 37 Ln: 6 Col: 16 Pos: 61 Windows (CR LF) UTF-8 INS

MySQL Workbench

Query 1

```
51
52 • INSERT INTO oauth_client_details (client_id, client_secret, scope, authorized_grant_types, web_server_redirect_uri, authorities, access_token_validity, refresh_token_validity, addit
53   VALUES ('fooClientId', '$2a$10$dU7YfINNNhB2xDzC1o1Vmp./5HT/3zx1XLuzsQmqOnSHUUEfQnPj4u', 'foo,read,write', 'password,client_credentials,refresh_token', null, null, 3600, null, t
54
55 • INSERT INTO oauth_client_details (client_id, client_secret, scope, authorized_grant_types, web_server_redirect_uri, authorities, access_token_validity, refresh_token_validity, addit
56   VALUES ('testclientid', '$2a$10$dU7YfINNNhB2xDzC1o1Vmp./5HT/3zx1XLuzsQmqOnSHUUEfQnPj4u', 'foo,read,write', 'password,client_credentials,refresh_token', null, null, 36000, 36000, null
57
58
59 • select * from oauth_client_details;
```

Result Grid

client_id	resource_ids	client_secret	scope	authorized_grant_types	web_server_redirect_uri	authorities	access_token_validity	refresh_token_validity	additional_information
fooClientId	NULL	\$2a\$10\$dU7YfINNNhB2xDzC1o1Vmp./5HT/3zx1XL...	foo,read,write	password,client_credentials,refresh_token	NULL	NULL	3600	NULL	NULL
testclientid	NULL	\$2a\$10\$dU7YfINNNhB2xDzC1o1Vmp./5HT/3zx1XL...	foo,read,write	password,client_credentials,refresh_token	NULL	NULL	36000	36000	NULL

Output

#	Time	Action	Message	Duration / Fetch
✓ 1	12:50:58	use vag_edureka_db	0 row(s) affected	0.000 sec
✓ 2	12:51:02	select * from oauth_client_details LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec

Eureka

Student List

localhost:3500/students

Student List

Students

Id	Student Name	Fees ID	Action	Update Name
5	Vagish	11	Delete Student	<div>Update NameUpdate</div> <div>0Update</div>
12	Vag2	10	Delete Student	<div>Update NameUpdate</div> <div>0Update</div>

Add new Student

Fee List

ID

Search

Eureka

Single Student Details by ID

localhost:3500/students/single/5

Single Student Details by ID

Id	Student Name	Fees ID	Action
5	Vagish	11	Delete Student

Student List

Fee List

Eureka x Student List x +

localhost:3500/fees

Fees List

Fees

Fees ID	Student ID	Amount	Action	Update Amount
10	12	1000	Delete Fees	<input type="text" value="0"/> Update Amount <input type="text" value="0"/> Update Student ID
11	5	200	Delete Fees	<input type="text" value="0"/> Update Amount <input type="text" value="0"/> Update Student ID

Add new Fees

Student List

ID

Search

Eureka x Single Fees Details by ID x +

localhost:3500/fees/single/10

Single Fees Details by ID

Id	Student ID	Amount	Action
10	12	1000	Delete Fees

Fees List

Student List

localhost:3500/fees

Uploaded PDF with consolidated Screenshots to create OAuth Server:8080, API Gateway:3500, Student MS:8082, Eureka Registry Service:1111 and FEES MS: 8081 to perform all the mentioned Tasks.

Also, all the related Maven Codes, result

Screenshot PDF is saved on GIT Repo:

<https://github.com/Vagish619/Edureka-Microservices.git>

Branch Name:

Assignments_And_Projects