Assignment6

Screenshot 1 — Notepad++ editing application.yml:
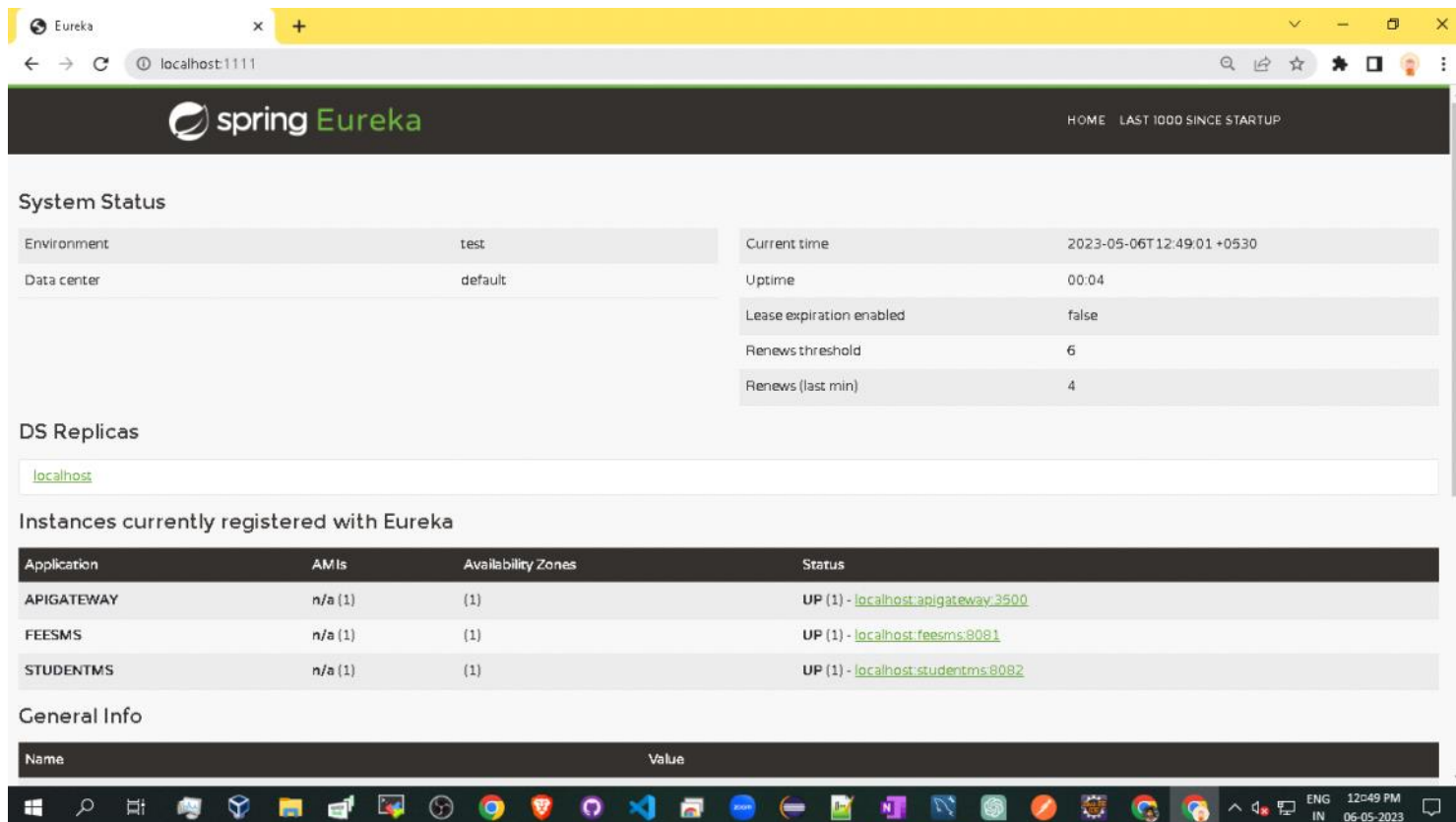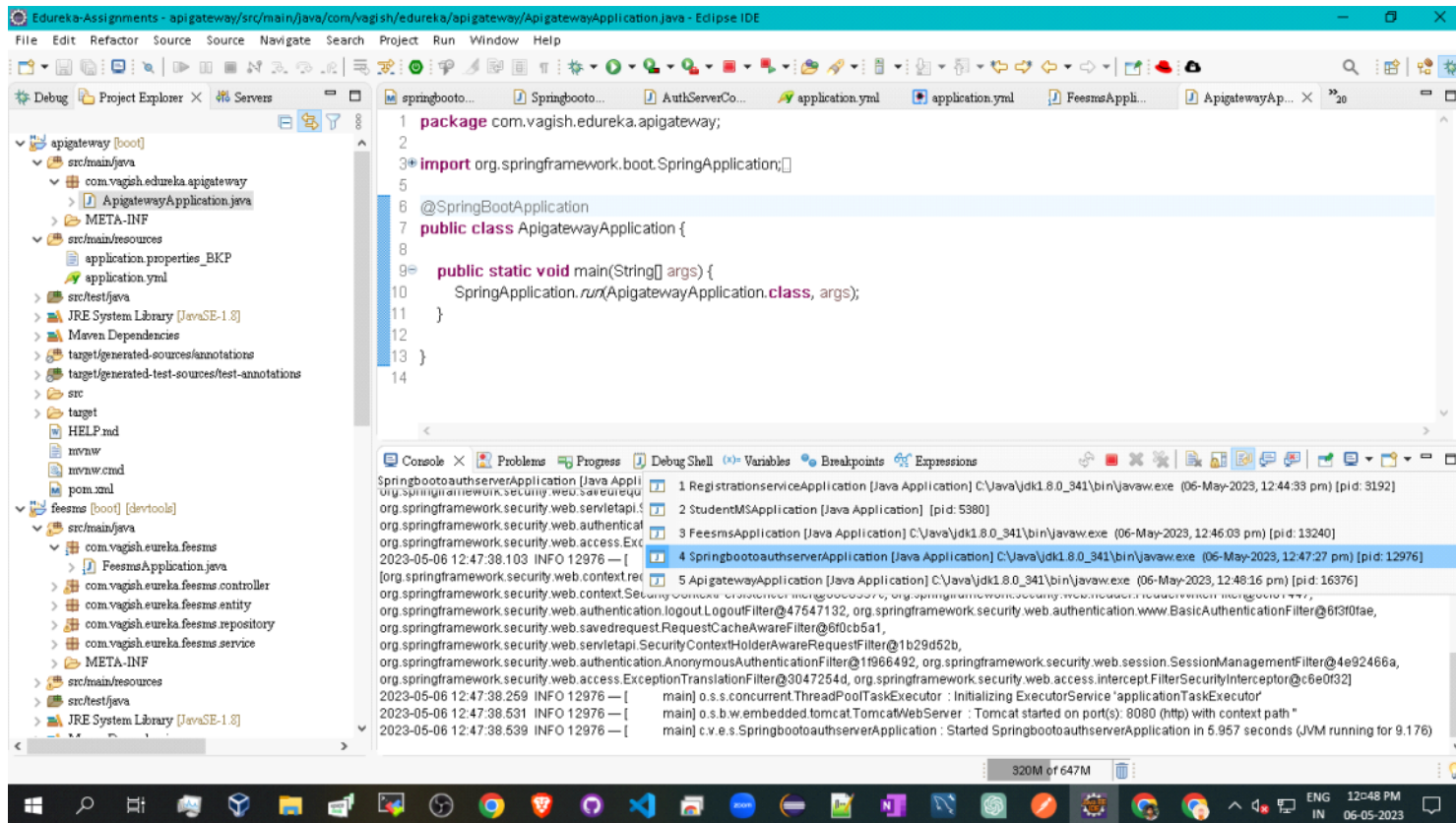
```yaml
server:
  port: 3500

eureka:
  client:
    serviceUrl:
      defaultZone: http://localhost:1111/eureka/
  instance:
    appname: apigateway
spring:
  main:
    web-application-type: reactive
  application:
    name: apigateway
  security:
    oauth2:
      resourceserver:
        opaquetoken:
          introspection-uri: http://localhost:8080/oauth/check_token
          client-id: testclientid
          client-secret: test123
  cloud:
    gateway:
      routes:
      - id: studentmodule
        uri: "http://localhost:8082/students"
        predicates:
        - "Path=/students/**"
#      - id: usermodule
#        uri: "http://localhost:6700/users/health"
#        predicates:
#        - "Path=/users/**"
      - id: feesmodule
        uri: "http://localhost:8081/fees"
        predicates:
        - "Path=/fees/**"
```

Screenshot 2 — MySQL Workbench:

```sql
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
VALUES ('fooClientId', '$2a$10$dU7YfiNNhBZxDzC1o1Vmp./5HT/3zxlXLuzsQmqOn5HUUEfQnPj4u', 'foo,read,write', 'password,client_credentials,refresh_token', null, null, 3600, null, null, t

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
VALUES ("testclientid", "$2a$10$dU7YfiNNhBZxDzC1o1Vmp./5HT/3zxlXLuzsQmqOn5HUUEfQnPj4u", "foo,read,write", "password,client_credentials,refresh_token", null, null, 36000, 36000, null

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$10$dU7YfiNNhBZxDzC1o1Vmp./5HT/3zxlXL...	foo,read,write	password,client_credentials,refresh_token	NULL	NULL	3600	NULL	NULL
testclientid	NULL	$2a$10$dU7YfiNNhBZxDzC1o1Vmp./5HT/3zxlXL...	foo,read,write	password,client_credentials,refresh_token	NULL	NULL	36000	36000	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Action 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

Student List

Students

Id	Student Name	Fees ID	Action	Update Name		
5	Vagish	11	Delete Student	Update Name	Update	
				0	Update	
12	Vag2	10	Delete Student	Update Name	Update	
				0	Update	

Add new Student

Fee List

ID

Search

Single Student Details by ID

Id	Student Name	Fees ID	Action
5	Vagish	11	Delete Student

Student List

Fee List

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