Assignment 3   Chathushi Jayarathna

Module No:	1	IU No:	3	Exercise No.	3

Lab Assessment Statement	**Assignment 3 – Implement O Auth Integration for SignUp**
	Referring to Assignment-1's Project Scenario,
	The scope of this assignment is to implement O Auth Integration for SignUp using Facebook for 'XYZ Cars Pte Ltd'.
	These are the steps provided to build an API.
	1. Create developers Account on Facebook
	2. Create New Application for using social integration.
	3. Implement Social login using Facebook in XYZ cars Portal.
	4. Use created App Id and App Secret in Application.
	5. Login using Facebook.
	Provide the source code of developed application.
	Provide screen capture of final result pages for API testing.
Technical Environment	- Spring Boot, Facebook API Integration
Guidelines	-
Duration	120 mins

1. Create developers Account on Facebook

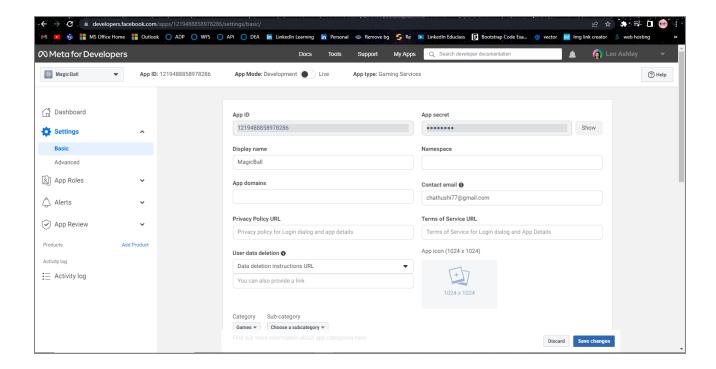   **Step1**: Go to https://developers.facebook.com/

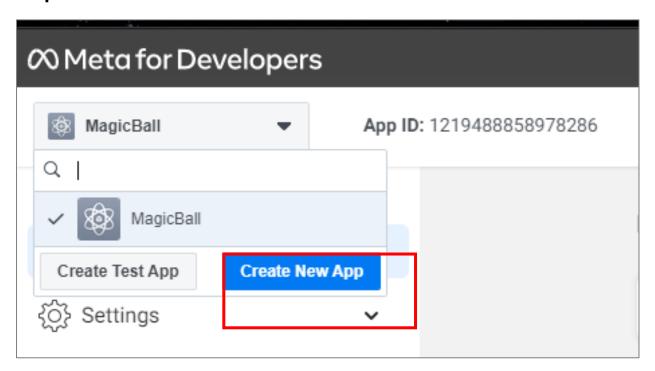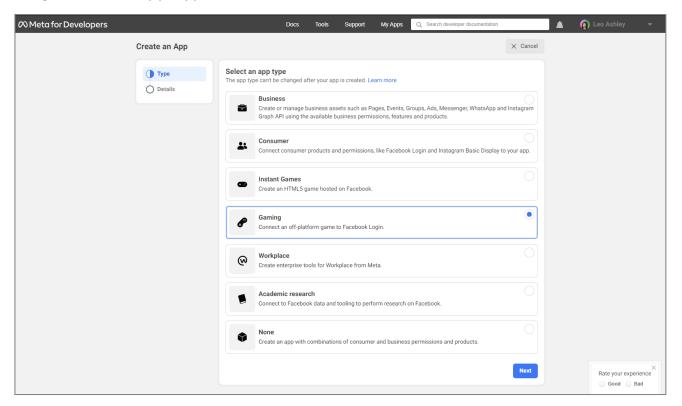   **Step 2:** Create Account (Fill the form and click sign Up)
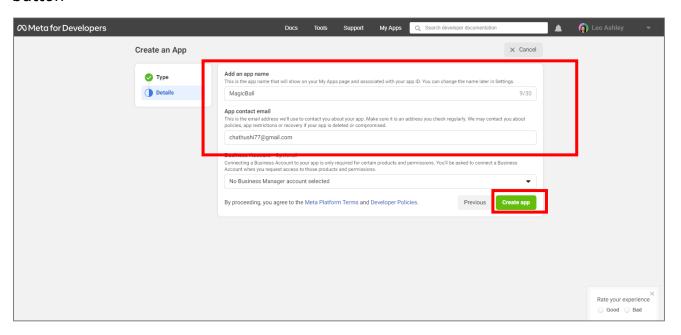
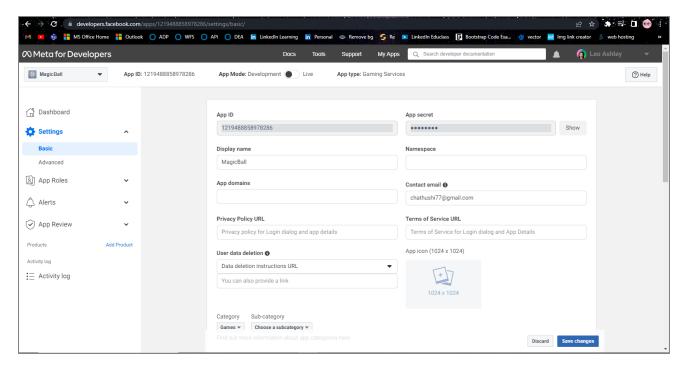2. Create New Application for using social integration.

Step 1:

Step 3: Select App Type

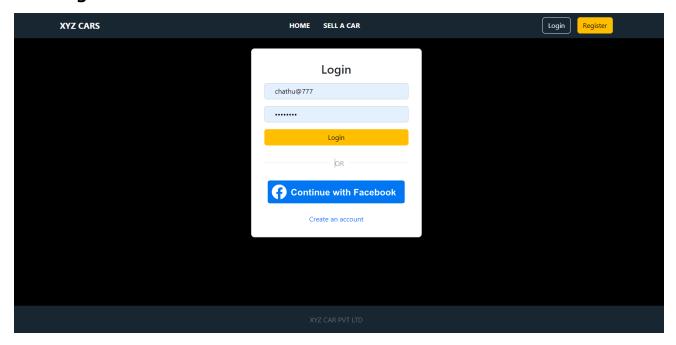**Step 4:** Give the App name and Contact Email Address and Click create app button

3. Implement Social login using Facebook in XYZ cars Portal.
4. Use created App Id and App Secret in Application.

Application.yml

```yaml
spring:
  datasource:
    url: jdbc:mysql://localhost:3306/api_a3
    username: root
    password: divergent77

  jpa:
    show-sql: true
    hibernate:
      ddl-auto: update
    properties:
      hibernate:
        dialect: org.hibernate.dialect.MySQL8Dialect
security:
  oauth2:
    client:
      registration:
        facebook:
          clientId: 1219488858978286
          clientSecret: 9c441a98569ee27c56afe4cea96ad827
          redirectUri: http://localhost:8080/oauth2/callback/facebook
          scope:
            - email
            - public_profile
      provider:
        facebook:
          authorizationUri: https://www.facebook.com/v3.0/dialog/oauth
          tokenUri: https://graph.facebook.com/v3.0/oauth/access_token
          userInfoUri: https://graph.facebook.com/v3.0/me?fields=id,name,email,picture.width(250).height(250)

app:
  auth:
    tokenSecret: 9A95527AD6356DCDC6F7556D5411A
    tokenExpirationMsec: 86400000
  oauth2:
    authorizedRedirectUris:
      - http://localhost:3000/oauth2/redirect
```

5. Login Using Facebook

Login

Facebook Logged Account

(After logging in with Facebook email and password, you can see the user profile as below)

Assignment 3.zip