

CLOUD SECURITY & MANAGEMENT LAB

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Batch:B7

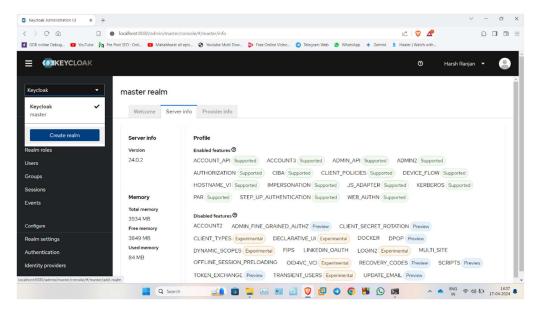
SUBMISSION TO:

Ms. Avita Katal

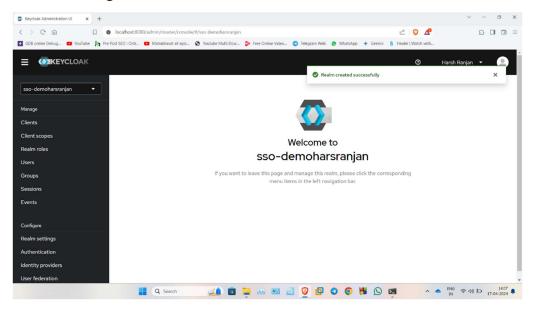
Experiment 7 b) Implementing Single Sign-On (SSO) with Keycloak

STEP 1: To Create a signle signon with Keycloak ,open keycloak portal and login to admin portal

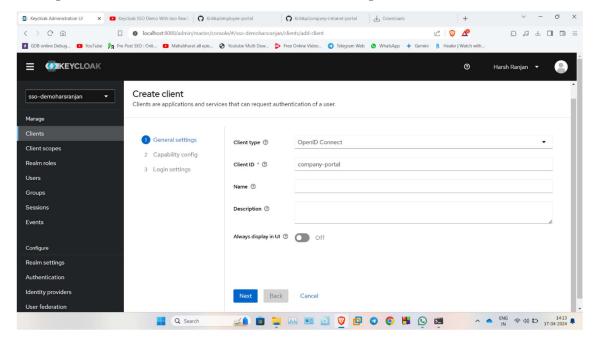
STEP 2: Create on create realm.



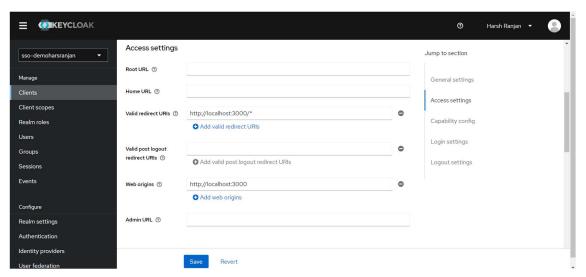
STEP 3: Assign the name and finish creation of realm.



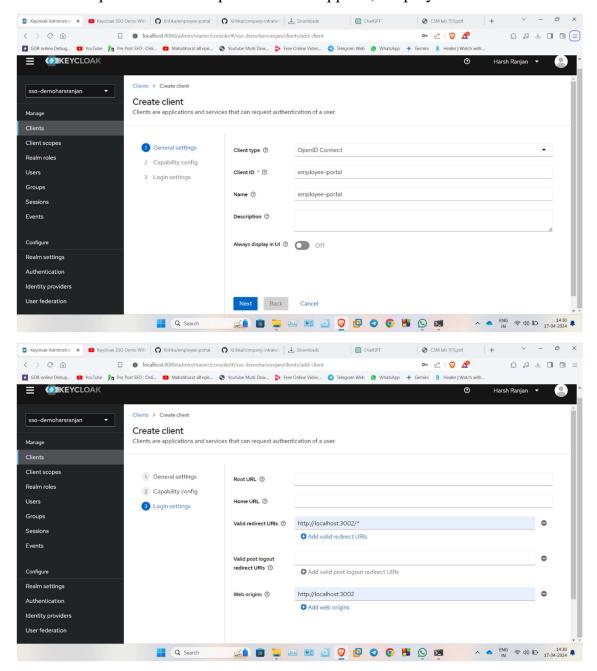
STEP 4: Go to Client tab and create on create new client and select client type as "OpenID Connect" and name the client ID and per need and click on next.



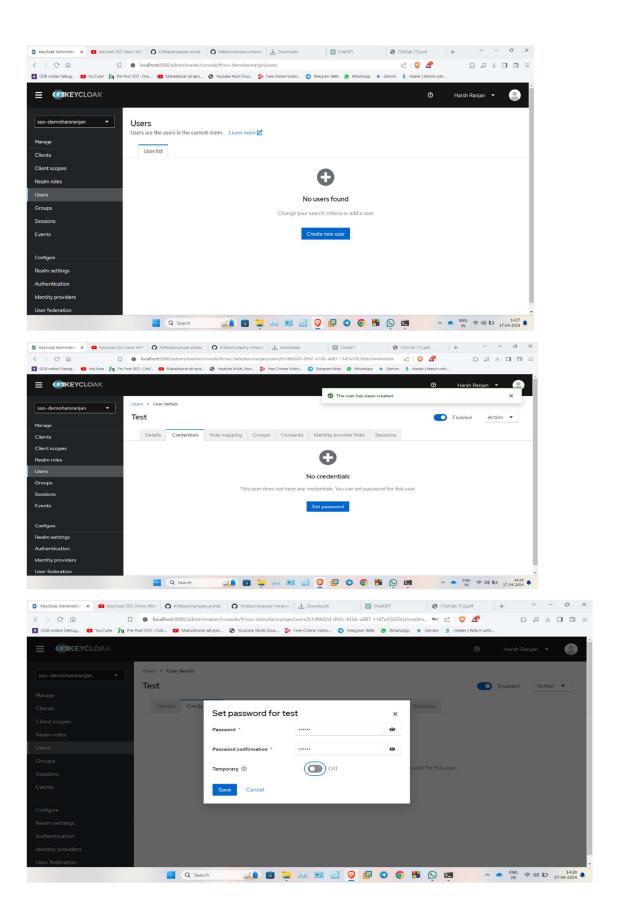
STEP 5: In Valid redirect URLs tab & in weborigins, enter the url of the first app as company portal in my example.



STEP 6: Repeat the same steps for Second app i.e., Employee Portal



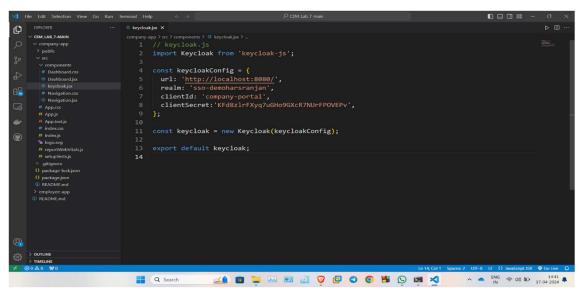
STEP 7: After this go to users tab and create a user named "test" and assing a password for that user to login



STEP 8: Now Open your applications, or import from any two react apps from github as I have done:

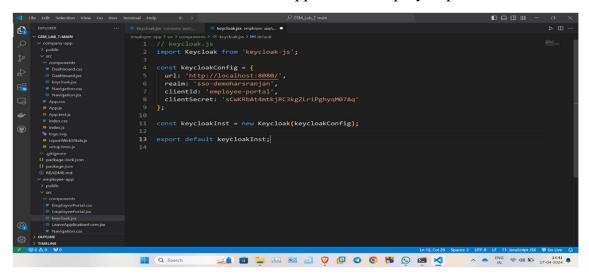
https://github.com/Hexton09/CSM Lab 7

STEP 9: In the First application Company-portal edit src/keycloak.jsx file with the following



- For the URL put your keycloak link, by default it will be http://localhost:8080/'
- \bullet Realm give whatever realm name you've given , here its sso-demo.
- ClientId- give whatever ClientID you've given , here its company-portal

STEP 10: Do the same for the Second Application Employee-portal



- For the URL put your keycloak link , by default it will be http://localhost:8080/'
- Realm give whatever realm name you've given , here its sso-demo.
- ClientId- give whatever ClientID you've given , here its employee-portal

STEP 11: After configuring both the application, run them both will ask to signin. So, login with the information of user that we have created as "test"

