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Application name: Plasma Donor App

GitHub link: https://github.com/sofiya0707/PlasmaApp.git

Demo Video Link:
https://drive.google.com/file/d/1IsXOYHq0hIrf4S2w3fqXcHLbQhZqEnFX/view?usp=sharing

Description:

In Plasma donor app is created for users who needs issue plasma requests.

For which user needs to register in the app.

User supposed to login through credentials.

After logging in user can request for plasma.

To complete this task following steps have been performed.

1.Setting up application environment.

a. Install python

b. Install pip

c. Install flask

d. Install ibm db

2.Implementing web application

a. Created python code

b. updated host name, port number, uid, password

c. Downloaded ssl digital certificate

d. Created IBM cloud database

e. Created tables

f. Given column names, data type

g. Executed code with python app.py

h. Tested our code on localhost:8080/login

3.Uploading source code on GitHub

a. logged in to own GitHub

b. Then created repository of our code

c. Taken link of our GitHub repository

4.Deploy the app on OpenShift red-hat dedicated

a. Under the developer tab go to Add →Import from Git→ Pasted GitHub link→Create

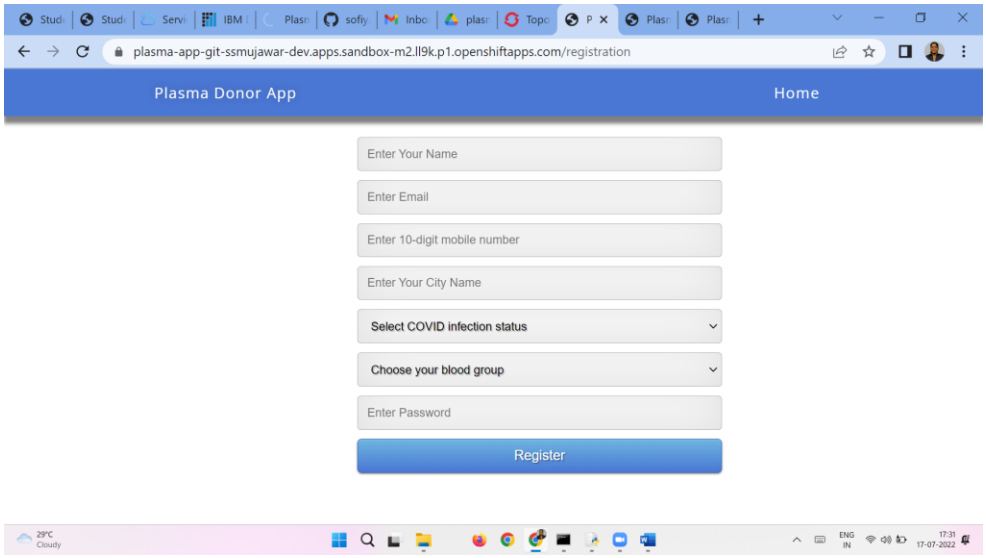
b. Go to topology in which we can check the status of building the app

c. One the build completed we van open the URL

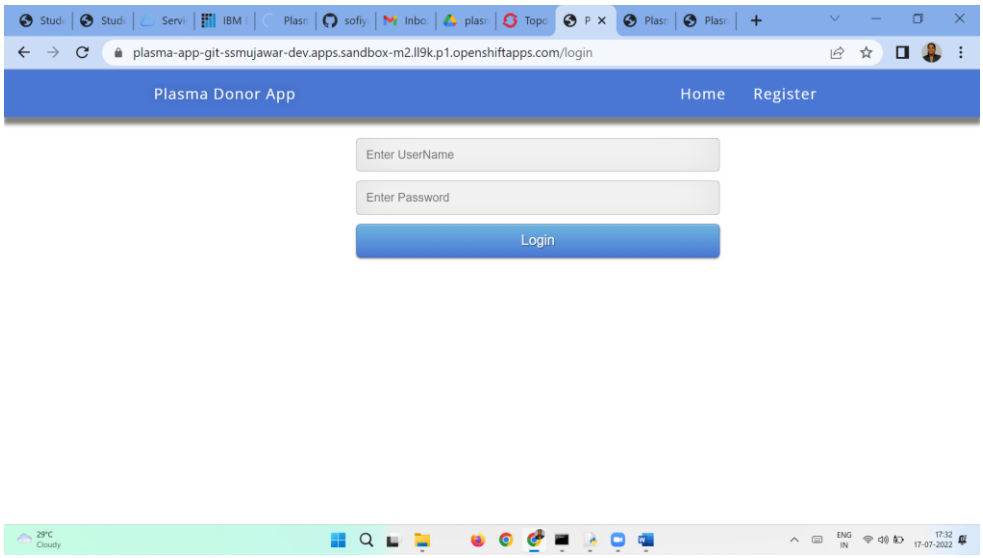
d. Our app is running successfully.

Screenshots:

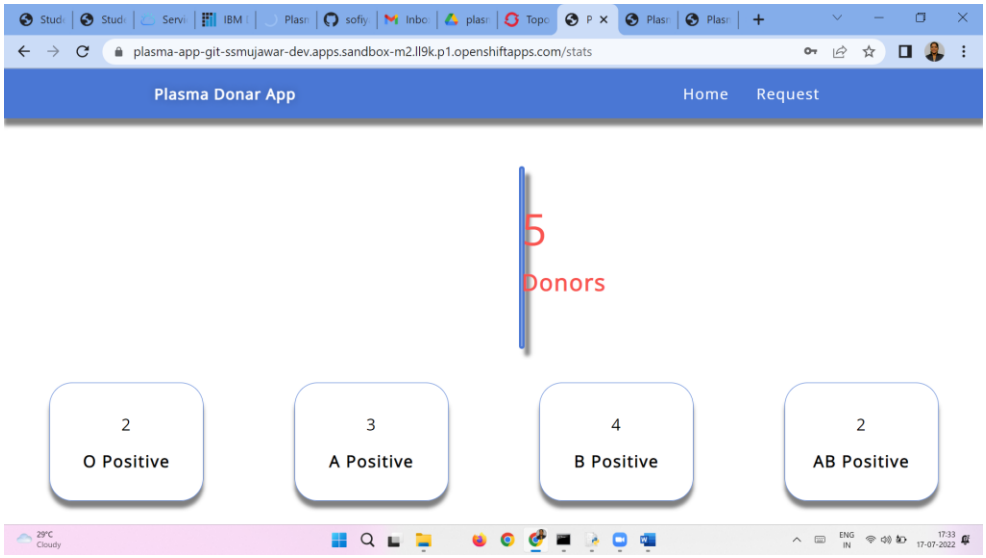
Registration page:



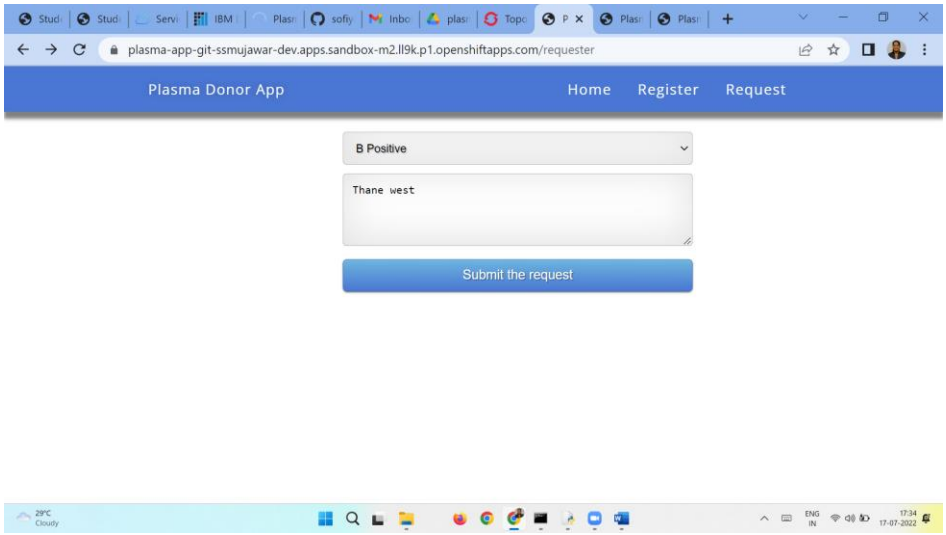
Login page:



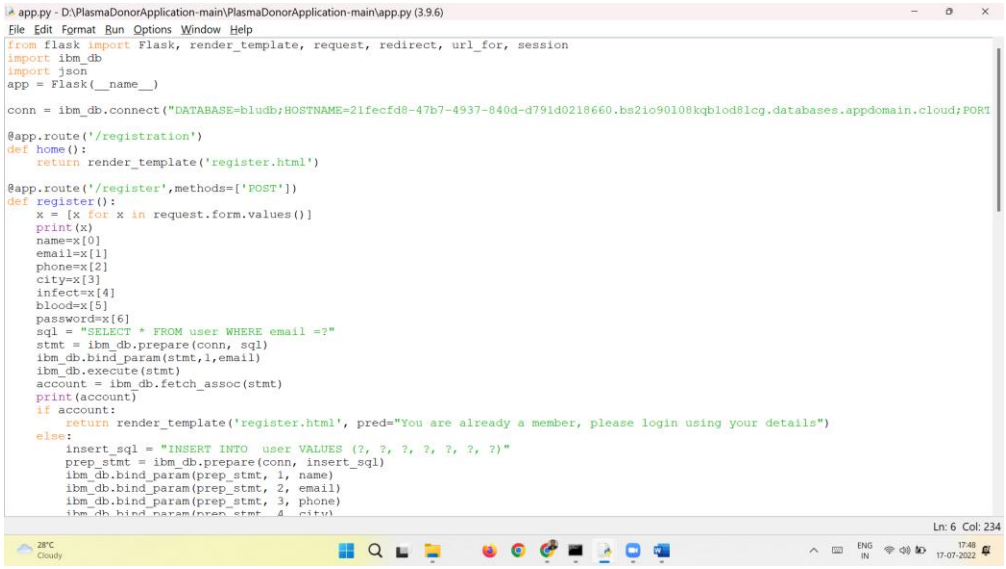
User login:



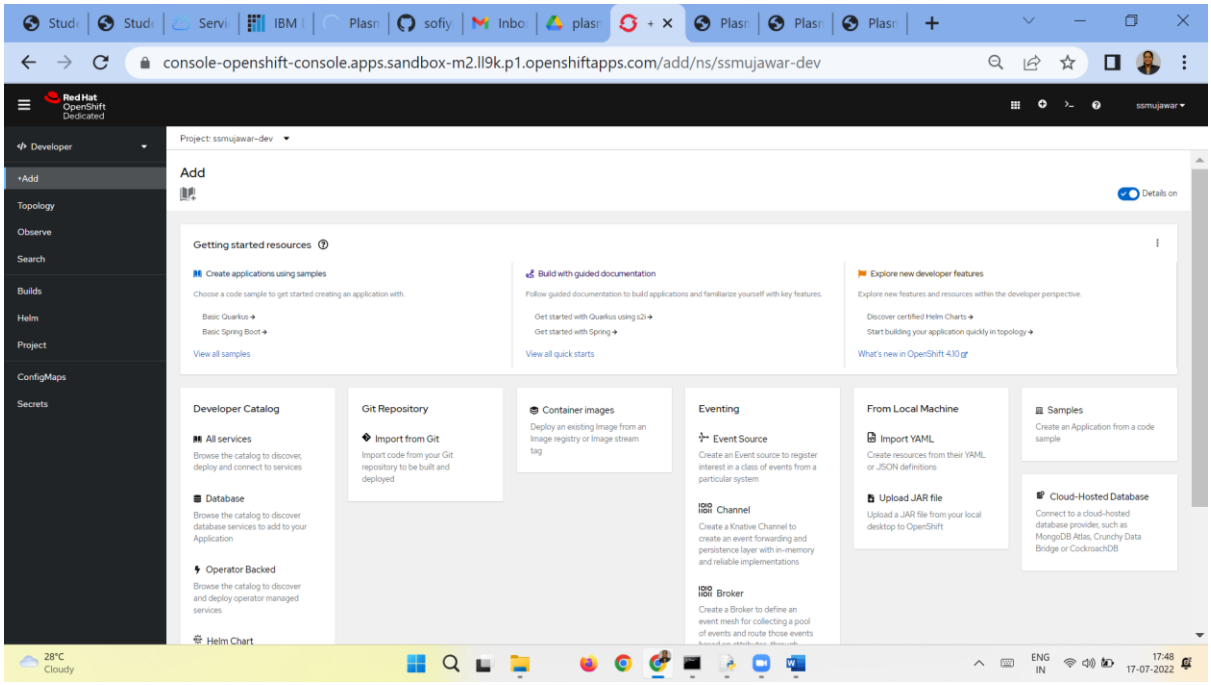
User requests on plasma:



Code:



To add repository



Deployment status