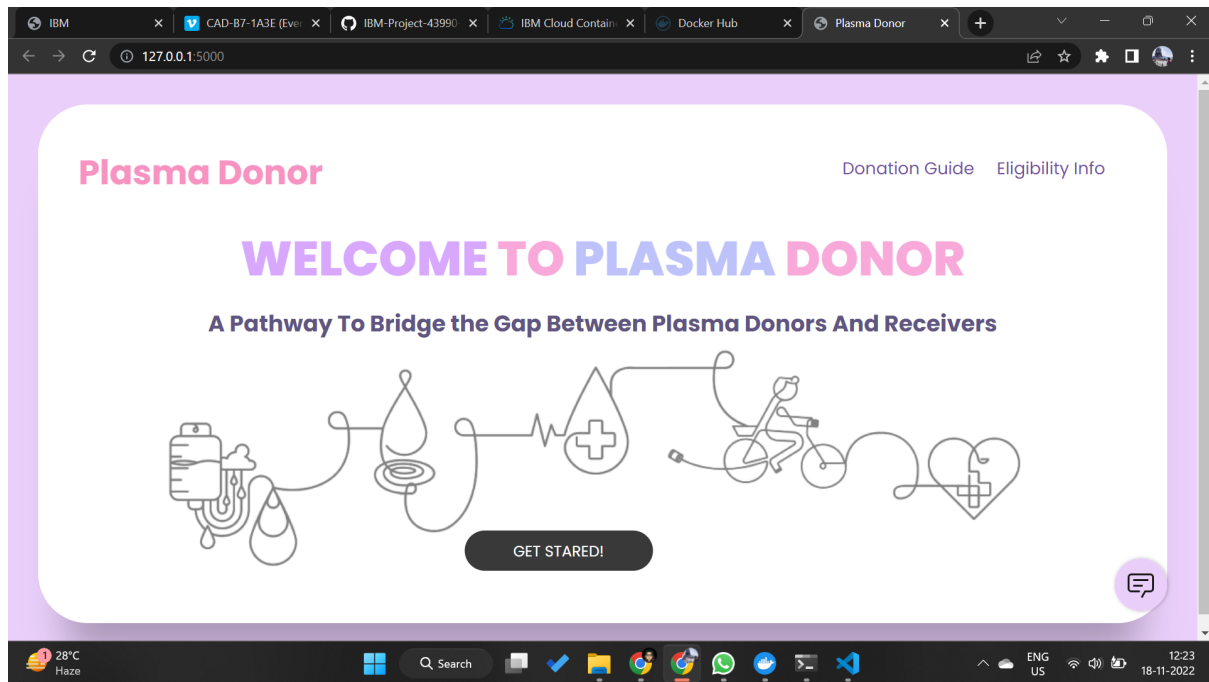


PROJECT DEVELOPMENT PHASE

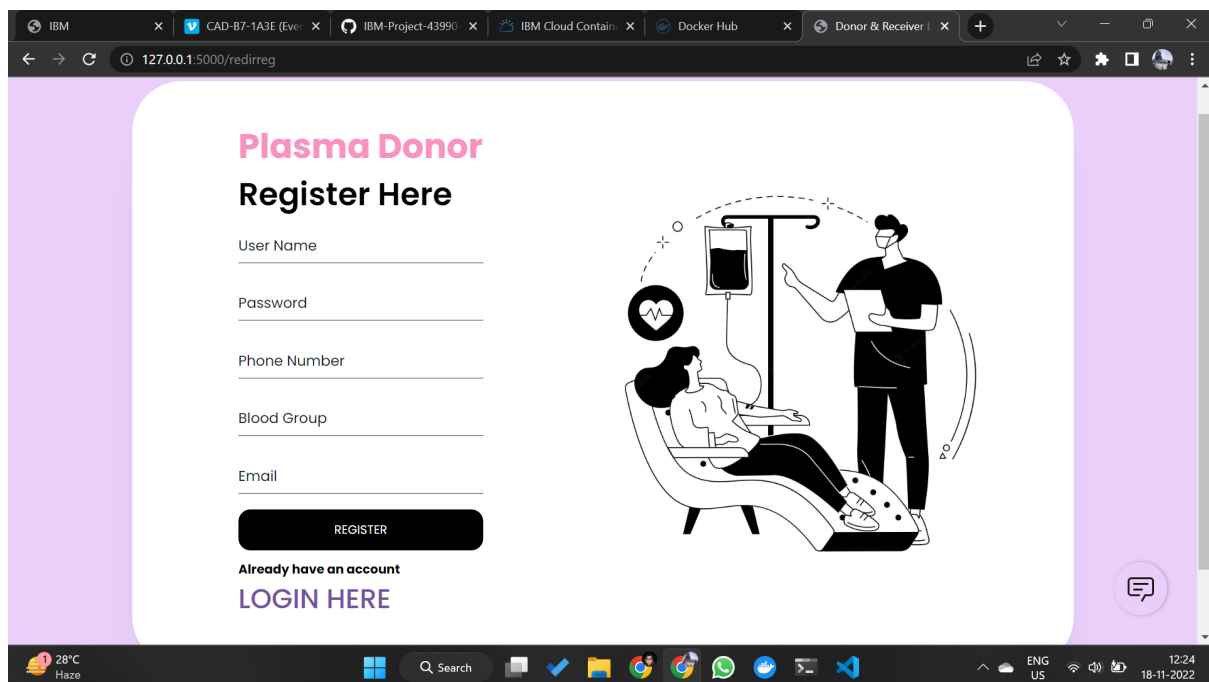
SPRINT 4

Team ID	PNT2022TMID17803
Project Name	Plasma Donor Application
Team Members	Abhirami S S, Charu Nethra S, Kishore Kumar K, Dinesh Kumar C

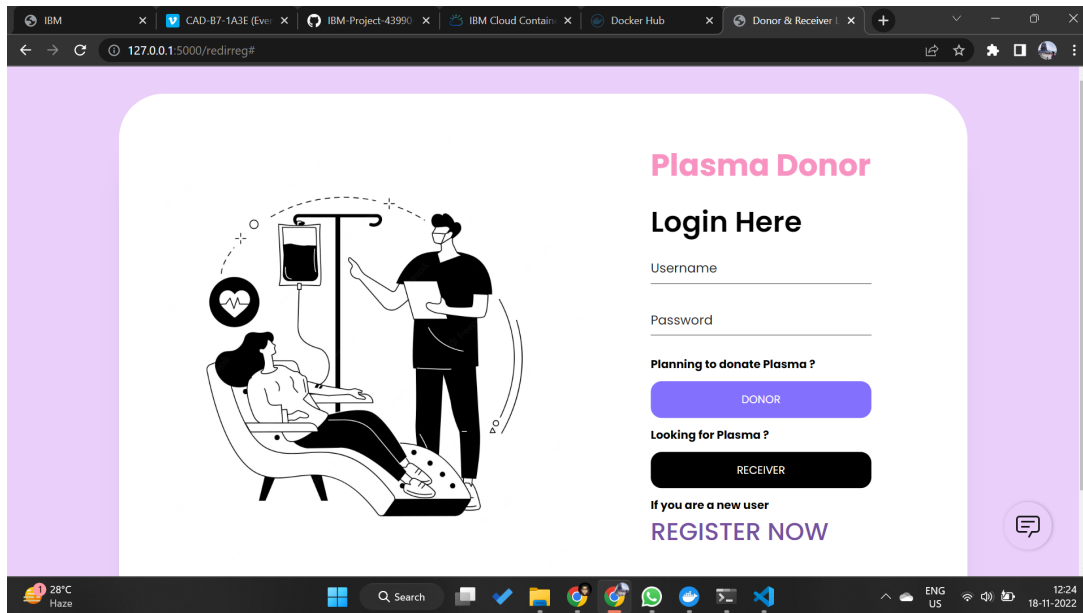
Application Landing Page:



New User Registration:



Donor & Receiver Logins:



The screenshot shows a web browser window with the URL `127.0.0.1:5000/redirect#`. The page has a light purple background. On the left, there is an illustration of a person lying in a chair being attended to by a healthcare worker. On the right, the text "Plasma Donor Login Here" is displayed. Below this, there are input fields for "Username" and "Password". There are two buttons: a purple "DONOR" button and a black "RECEIVER" button. At the bottom, it says "If you are a new user REGISTER NOW". The Windows taskbar at the bottom shows the date as 18-11-2022 and time as 12:24.

Plasma Donor Login Here

Username

Password

Planning to donate Plasma ?

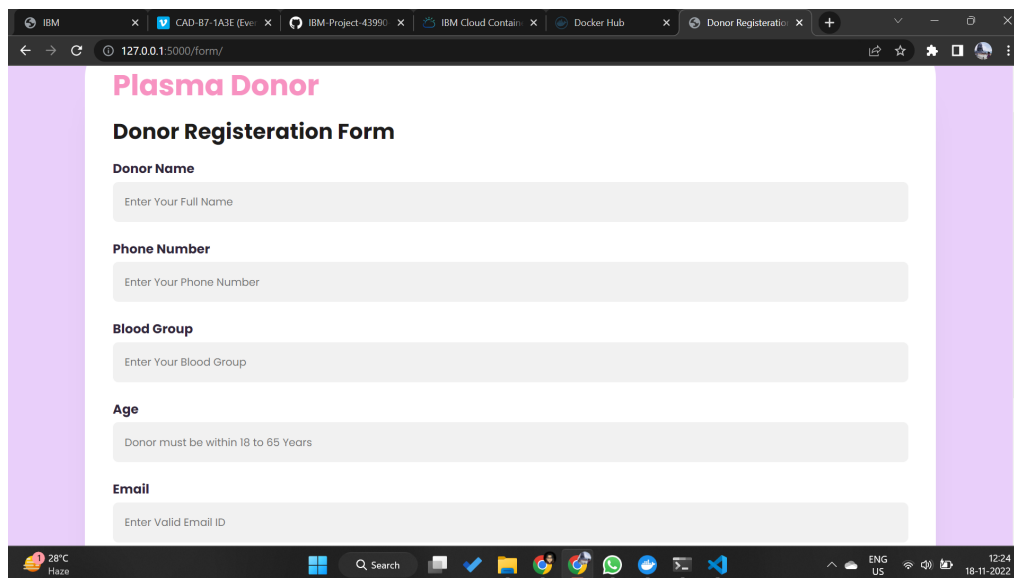
[DONOR](#)

Looking for Plasma ?

[RECEIVER](#)

If you are a new user [REGISTER NOW](#)

Donor Information Collection form:



The screenshot shows a web browser window with the URL `127.0.0.1:5000/form/`. The page has a light purple background. The title "Plasma Donor Donor Registration Form" is at the top. Below the title, there are several input fields: "Donor Name" (with placeholder "Enter Your Full Name"), "Phone Number" (with placeholder "Enter Your Phone Number"), "Blood Group" (with placeholder "Enter Your Blood Group"), "Age" (with placeholder "Donor must be within 18 to 65 Years"), and "Email" (with placeholder "Enter Valid Email ID"). The Windows taskbar at the bottom shows the date as 18-11-2022 and time as 12:24.

Plasma Donor Donor Registration Form

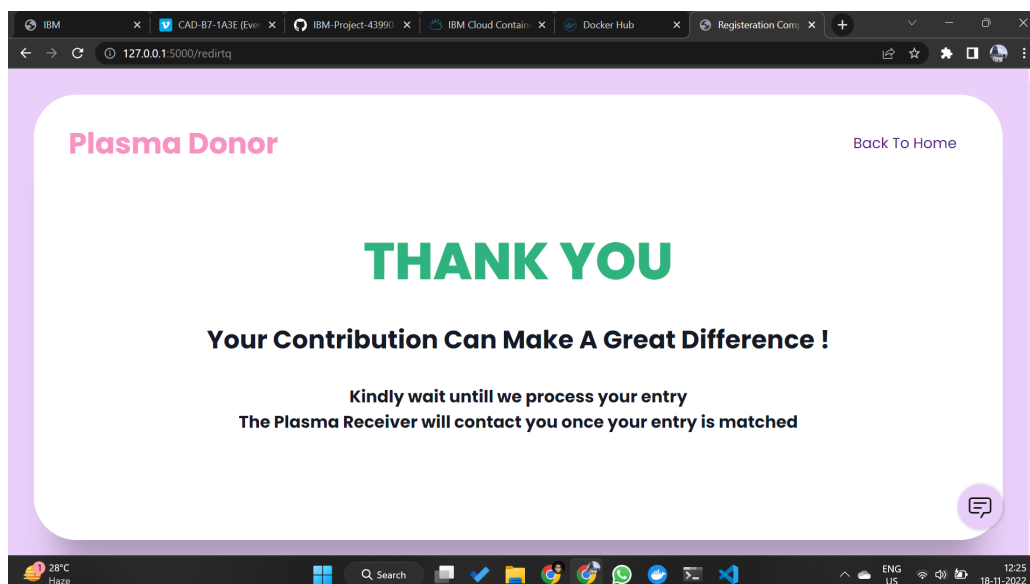
Donor Name

Phone Number

Blood Group

Age

Email



The screenshot shows a web browser window with the URL `127.0.0.1:5000/redirect#`. The page has a light purple background. At the top left, it says "Plasma Donor" and at the top right, "Back To Home". In the center, the text "THANK YOU" is displayed in large green letters. Below this, it says "Your Contribution Can Make A Great Difference !". Further down, it says "Kindly wait until we process your entry" and "The Plasma Receiver will contact you once your entry is matched". The Windows taskbar at the bottom shows the date as 18-11-2022 and time as 12:25.

Plasma Donor [Back To Home](#)

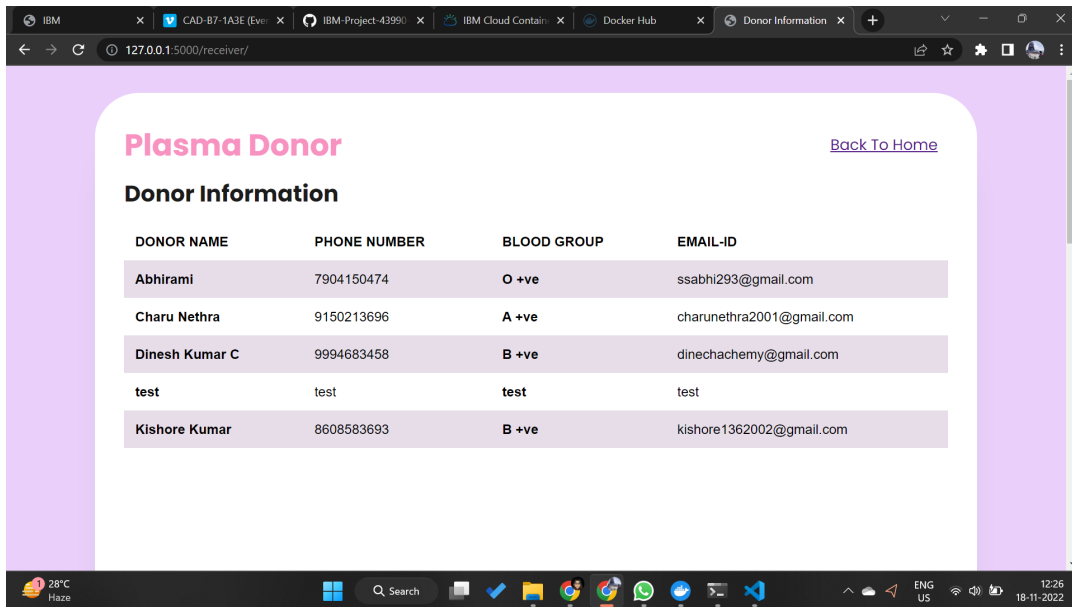
THANK YOU

Your Contribution Can Make A Great Difference !

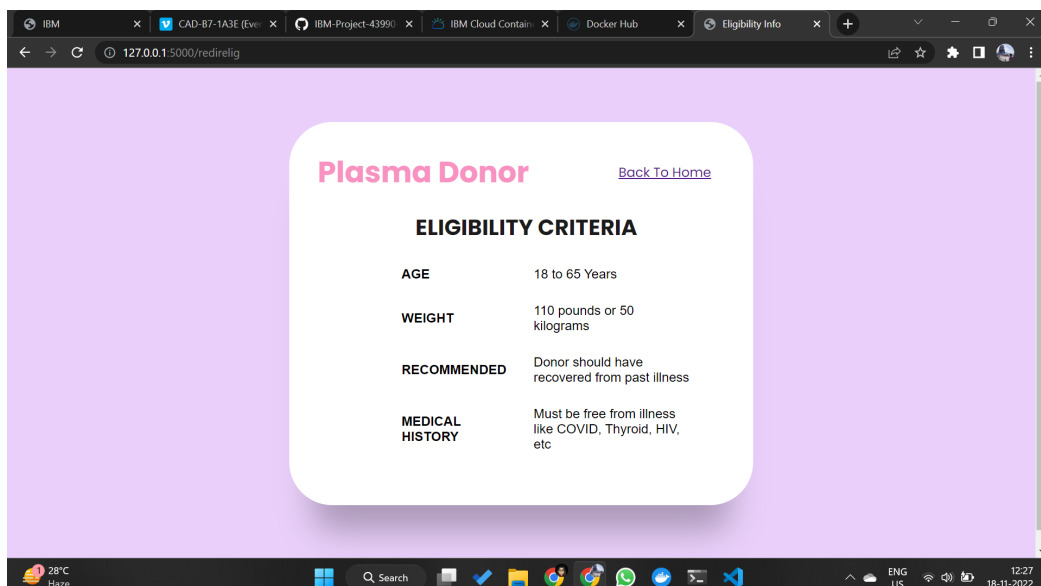
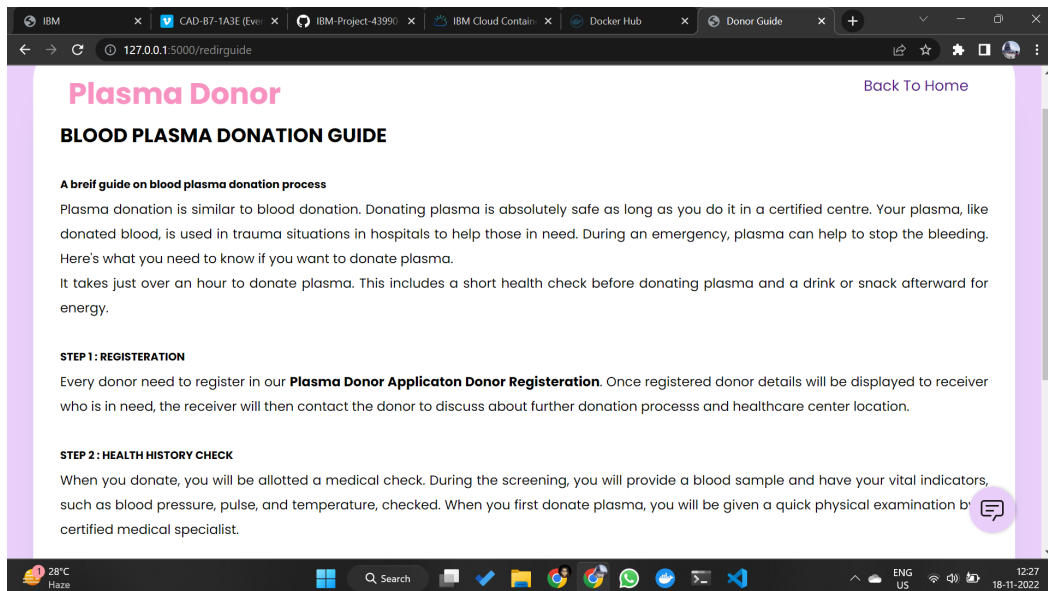
Kindly wait until we process your entry

The Plasma Receiver will contact you once your entry is matched

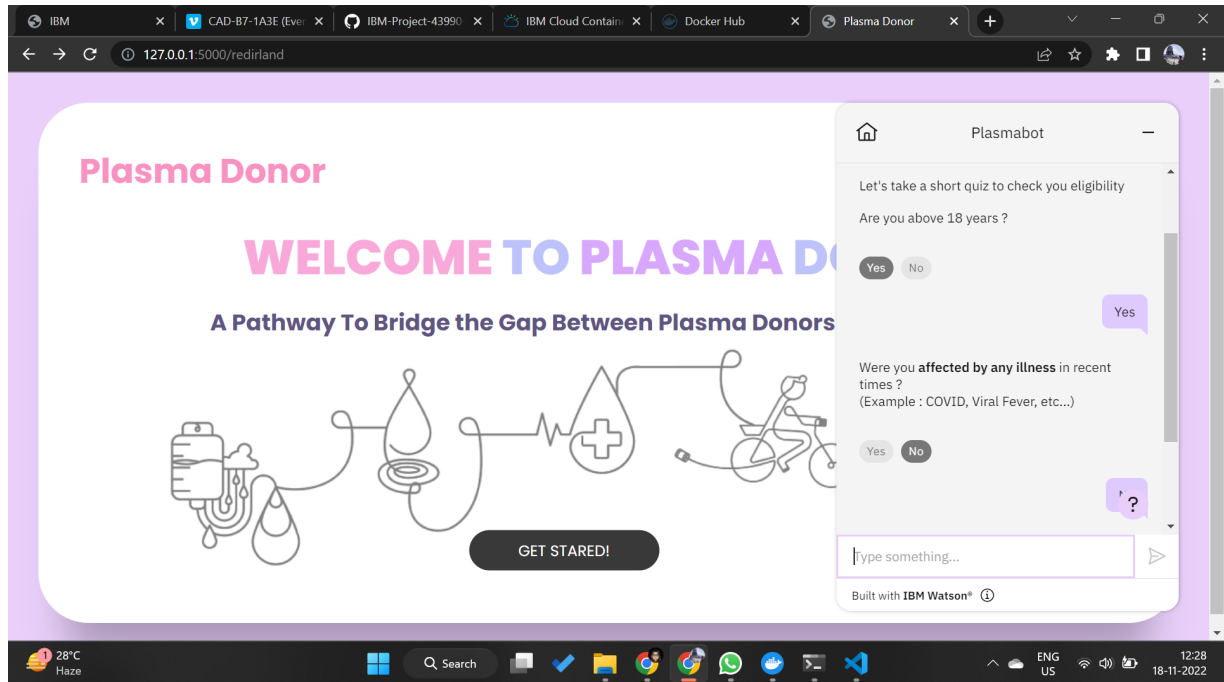
Displaying Donor Details To Receiver:



Mini Blog-Guides For Donors:



Plasma Bot:

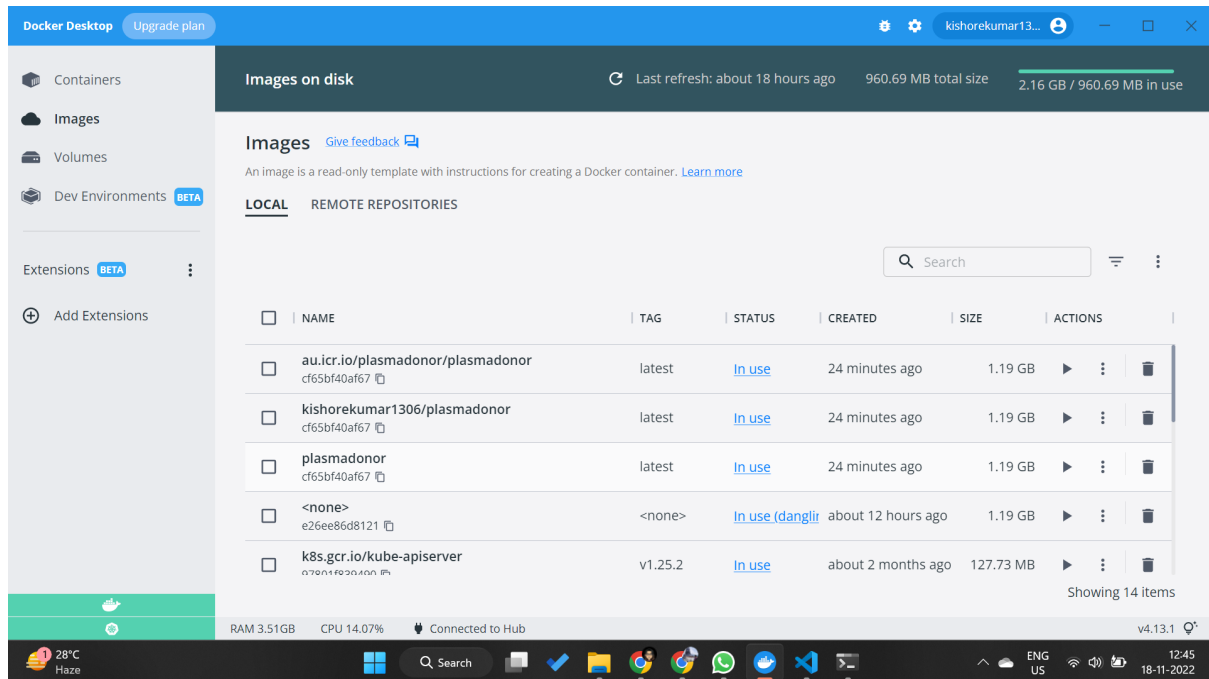


IBM DB2 Database:

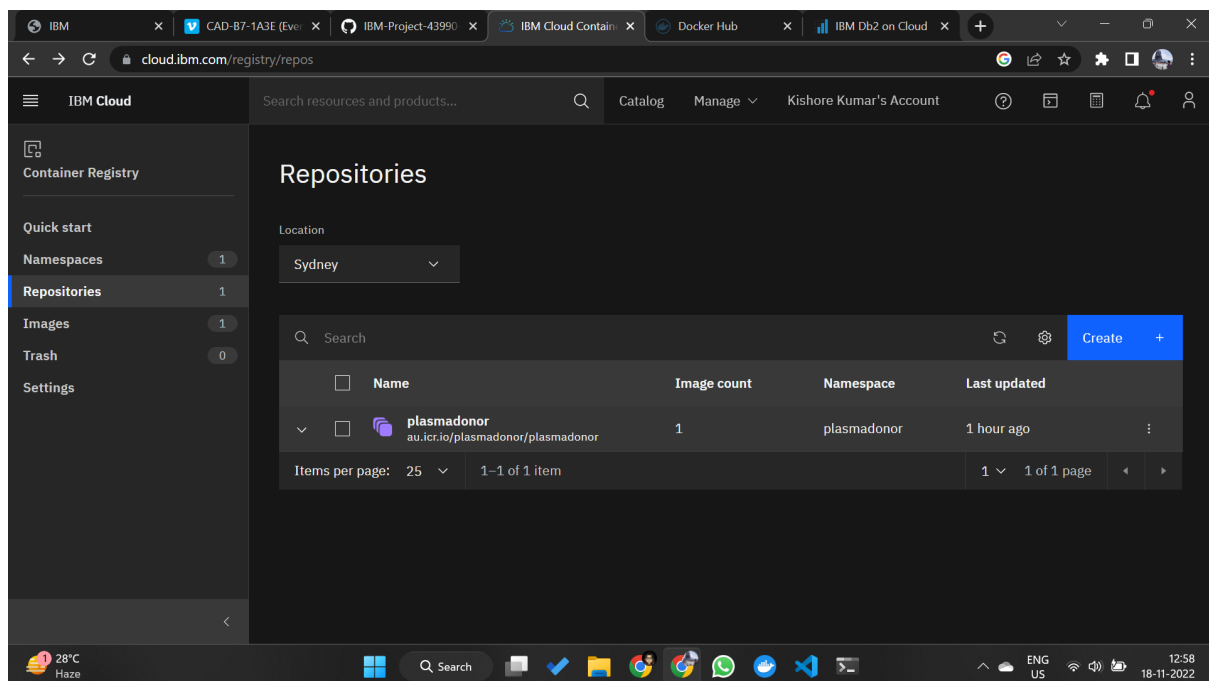
The screenshot shows the IBM Db2 on Cloud console. The table `ZTG96113.USER_TBL` is displayed with the following data:

USERNAME	PASSWORD	PHNNUMBER	BLOODGROUP	EMAIL
Abhirami	abhirami	7904150474	O +ve	ssabhi293@gmail.com
Charu Nethra	nethra	9150213696	A +ve	charunethra2001@gmail.com
Dinesh Kumar C	dinesh	9994683458	B +ve	dinechachemy@gmail.com
Kishore Kumar	kishore136	8608583693	B +ve	kishore1362002@gmail.com
test	test	test	test	test

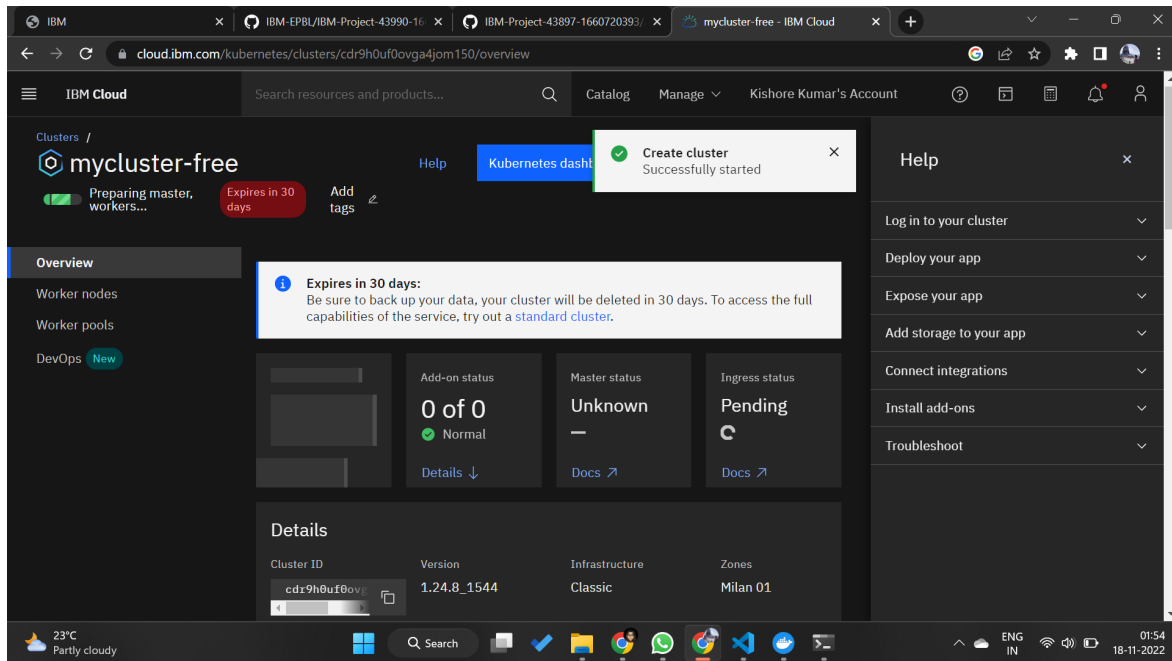
Docker Image Of The Application:



IBM Container Repository:



Deploying in Kubernetes:



```
Command Prompt

C:\Users\abhis>kubectl create deployment plasmadonor --image=ay.icr.io/plasmadonor/plasmadonor:latest
deployment.apps/plasmadonor created

C:\Users\abhis>kubectl expose deployment/plasmadonor --type=NodePort --name=plasmadonor --port=5000 --target-port=5000
service/plasmadonor exposed

C:\Users\abhis>kubectl describe service plasmadonor
Name:                plasmadonor
Namespace:            default
Labels:               app=plasmadonor
Annotations:          <none>
Selector:             app=plasmadonor
Type:                 NodePort
IP Family Policy:     SingleStack
IP Families:          IPv4
IP:                   10.111.220.37
IPs:                  10.111.220.37
LoadBalancer Ingress: localhost
Port:                 <unset> 5000/TCP
TargetPort:           5000/TCP
NodePort:             <unset> 30964/TCP
Endpoints:            <none>
Session Affinity:     None
External Traffic Policy: Cluster
Events:               <none>

C:\Users\abhis>
```

IBM x IBM-P x myclu x myclu x Deplo x Docker x IBM D x Deplo x dashb x Kuber x

127.0.0.1:61905/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard:/proxy/#/workloads?namespace=default

kubernetes default Search

Workloads

Workloads N

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service

- Ingresses N
- Ingress Classes
- Services N

Running: 2 Deployments

Running: 2 Pods

29°C Haze Search ENG US 14:00 18-11-2022

IBM x IBM-P x myclu x myclu x Deplo x Docker x IBM D x Deplo x dashb x Kuber x

127.0.0.1:61905/api/v1/namespaces/kubernetes-dashboard/services/http:kubernetes-dashboard:/proxy/#/deployment?namespace=default

kubernetes default Search

Workloads > Deployments

Workloads N

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

Service

- Ingresses N
- Ingress Classes
- Services N

Deployments

Name	Images	Labels	Pods	Created
plasmadonor-minikube	docker.io/nginx:1.23	app: plasmadonor-minikube	1 / 1	10 n
hello-minikube	docker.io/nginx:1.23	app: hello-minikube	1 / 1	11 n

29°C Haze Search ENG US 14:01 18-11-2022