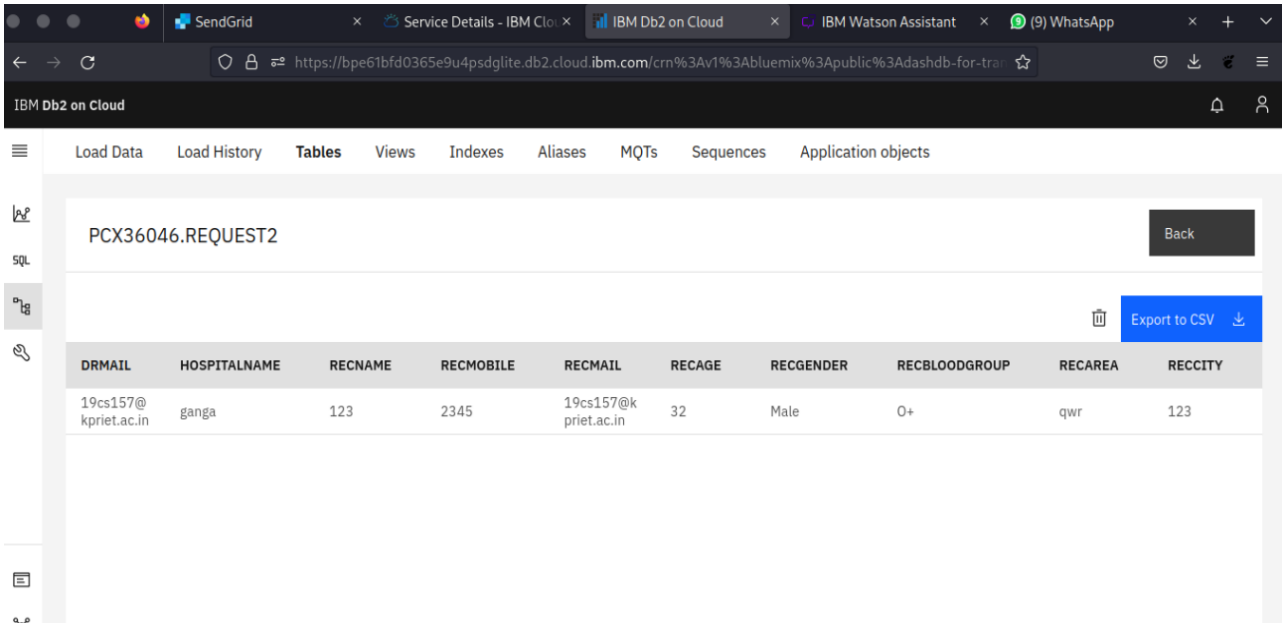
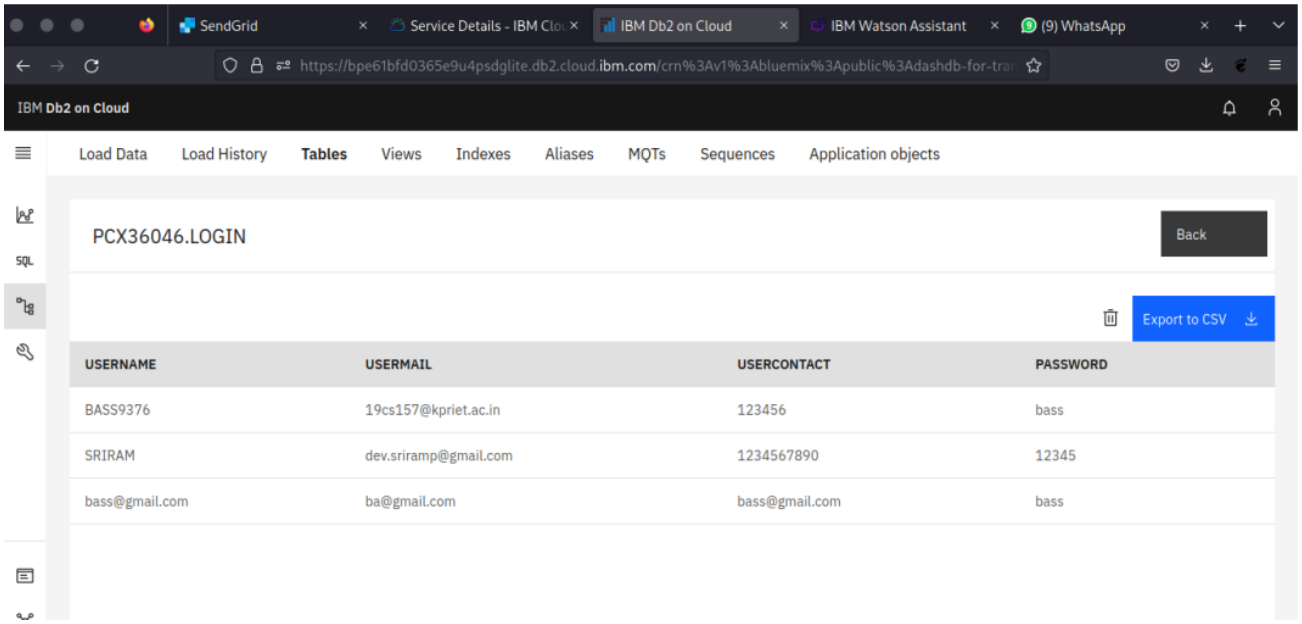
PROJECT DEVELOPMENT PHASE

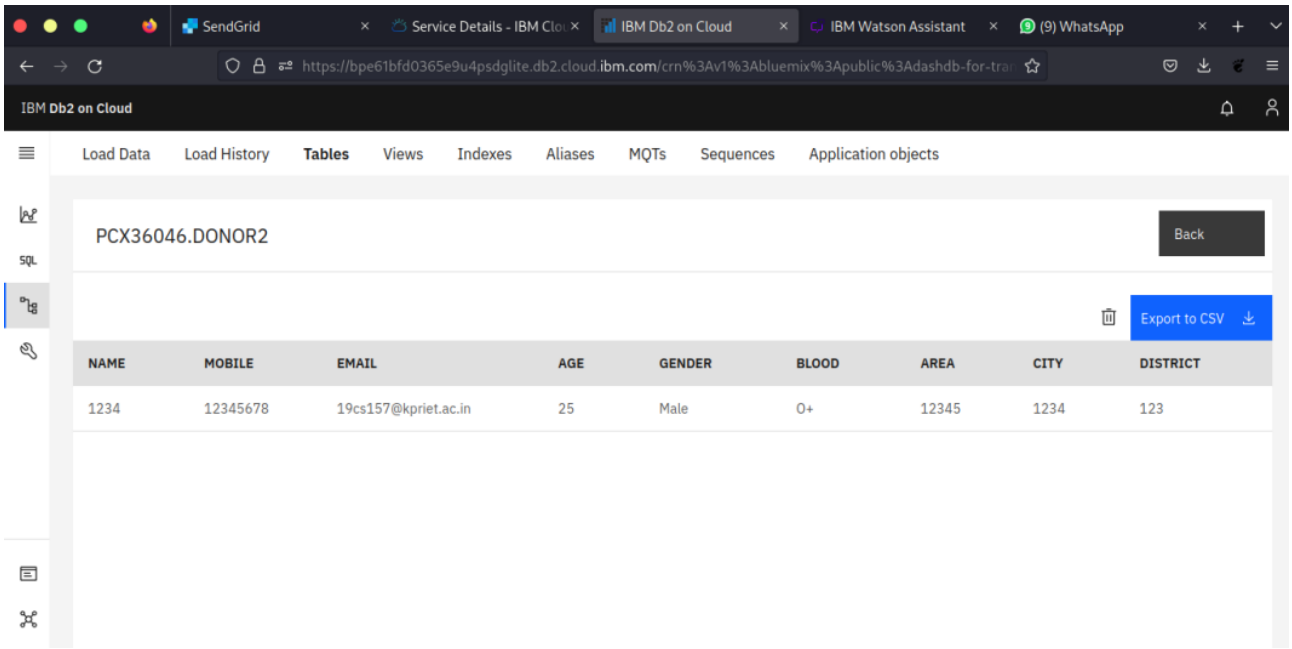
SPRINT – 4

Date	14 November 2022
Team ID	PNT2022TMID45345
Project Name	Plasma Donor Application

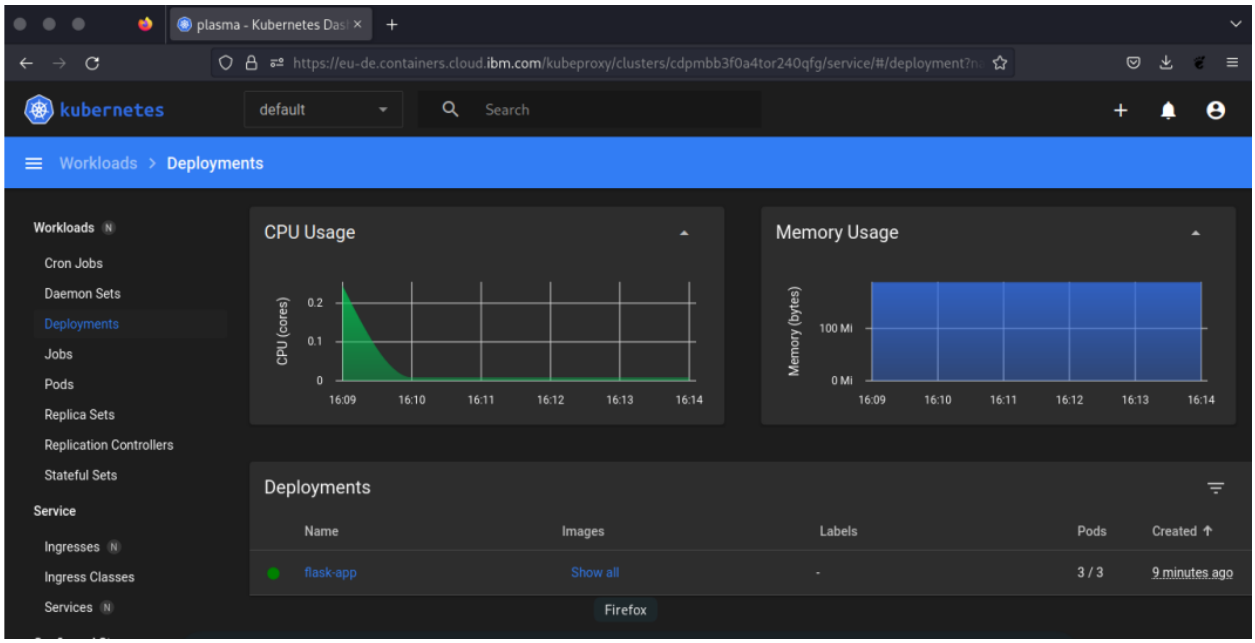
Maintaining the Database:

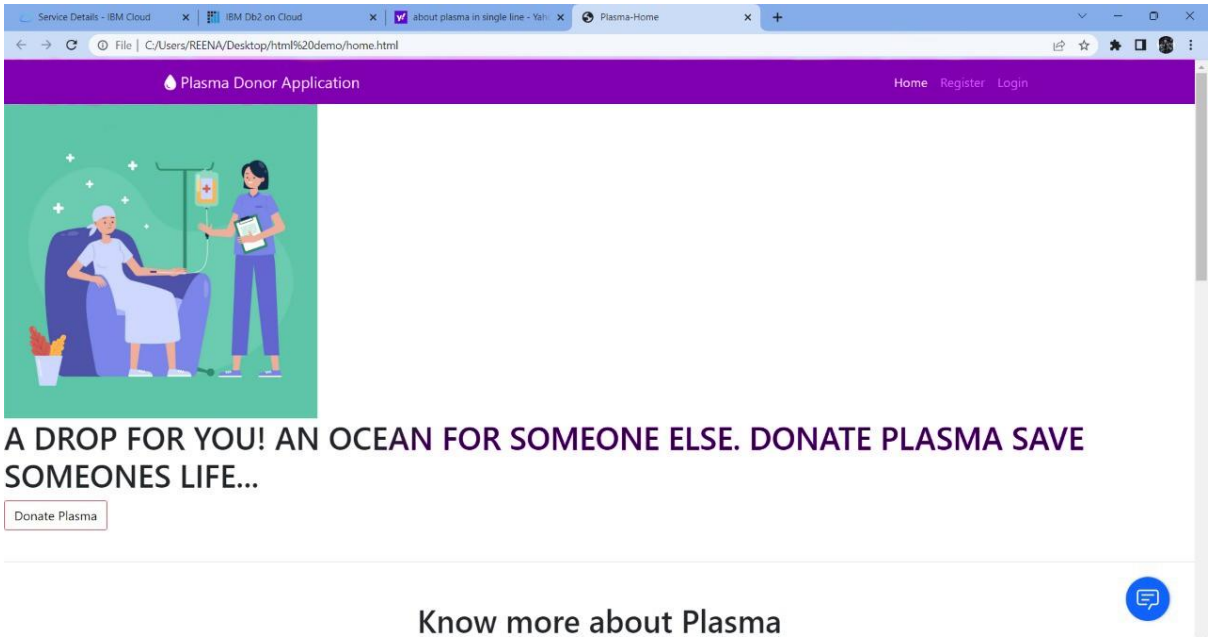


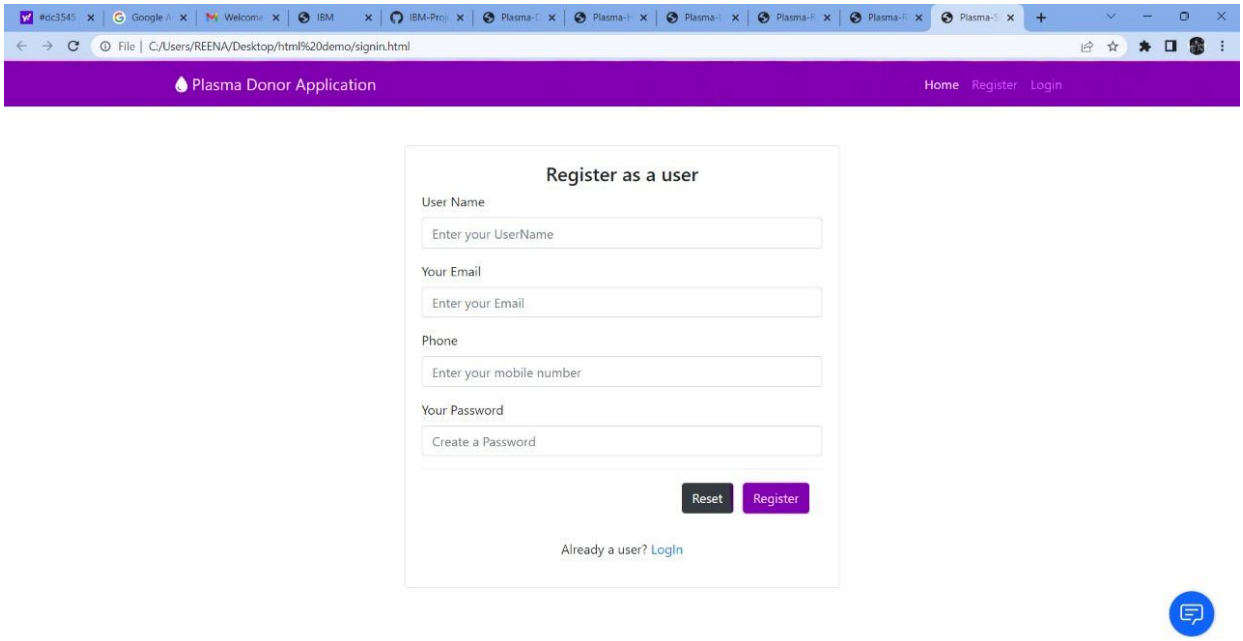

SendGrid
Service Details - IBM Clou
IBM Db2 on Cloud
IBM Watson Assistant
(9) WhatsApp
https://bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-tra
IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
PCX36046.LOGIN
Back
Export to CSV
USERNAME
USERMAIL
USERCONTACT
PASSWORD
BASS9376
19cs157@kpriet.ac.in
123456
bass
SRIRAM
dev.sriramp@gmail.com
1234567890
12345
bass@gmail.com
ba@gmail.com
bass@gmail.com
bass


SendGrid
Service Details - IBM Clou
IBM Db2 on Cloud
IBM Watson Assistant
(9) WhatsApp
https://bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-tra
IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
PCX36046.DONOR2
Back
Export to CSV
NAME
MOBILE
EMAIL
AGE
GENDER
BLOOD
AREA
CITY
DISTRICT
1234
12345678
19cs157@kpriet.ac.in
25
Male
O+
12345
1234
123

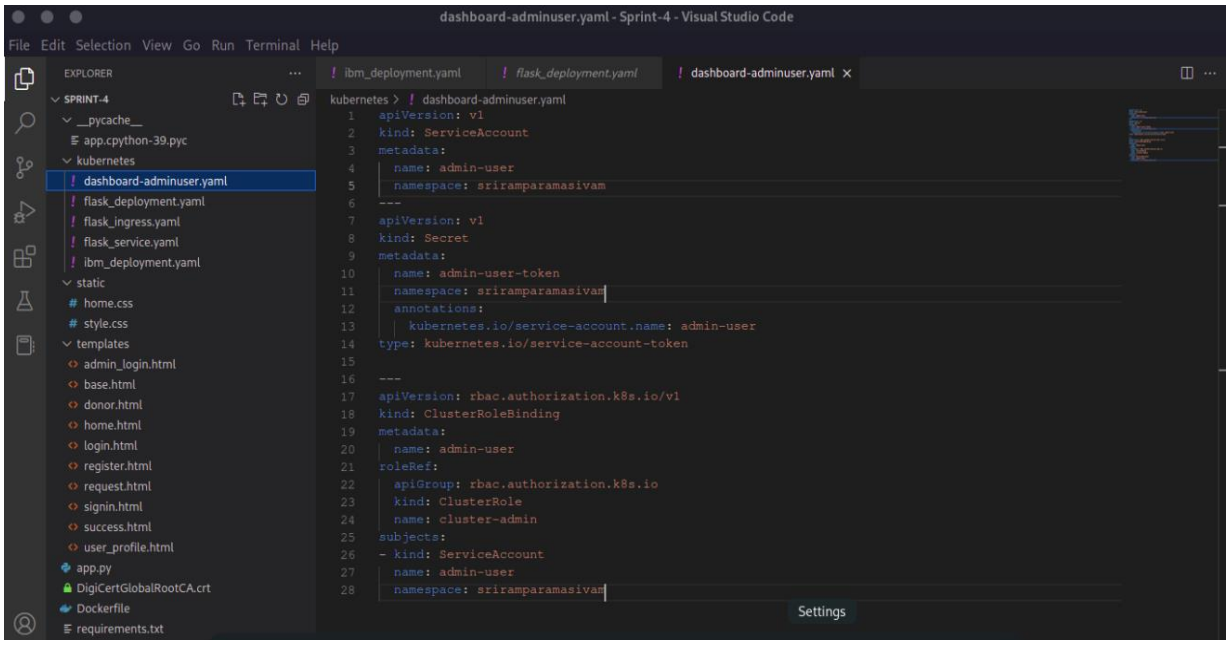
Deploy in Kubernetes:

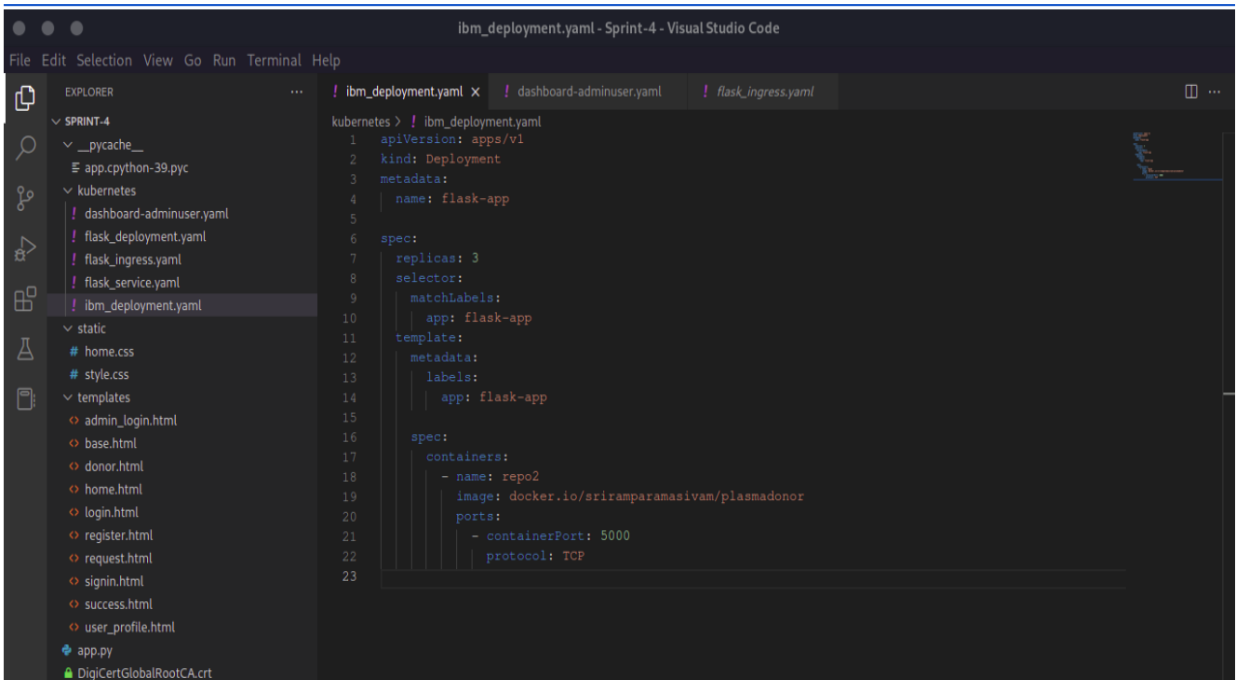





File | C:/Users/REENA/Desktop/html%20demo/signin.html
Plasma Donor Application
Home Register Login
Register as a user
User Name
Enter your UserName
Your Email
Enter your Email
Phone
Enter your mobile number
Your Password
Create a Password
Reset
Register
Already a user? LogIn

Coding:


dashboard-adminuser.yaml - Sprint-4 - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
SPRINT-4
__pycache__
app.cpython-39.pyc
kubernetes
dashboard-adminuser.yaml
flask_deployment.yaml
flask_ingress.yaml
flask_service.yaml
ibm_deployment.yaml
static
home.css
style.css
templates
admin_login.html
base.html
donor.html
home.html
login.html
register.html
request.html
signin.html
success.html
user_profile.html
app.py
DigiCertGlobalRootCA.crt
Dockerfile
requirements.txt
ibm_deployment.yaml
flask_deployment.yaml
dashboard-adminuser.yaml
kubernetes > dashboard-adminuser.yaml
apiVersion: v1
kind: ServiceAccount
metadata:
name: admin-user
namespace: sriramparamasivam
---
apiVersion: v1
kind: Secret
metadata:
name: admin-user-token
namespace: sriramparamasivam
annotations:
kubernetes.io/service-account.name: admin-user
type: kubernetes.io/service-account-token
---
apiVersion: rbac.authorization.k8s.io/v1
kind: ClusterRoleBinding
metadata:
name: admin-user
roleRef:
apiGroup: rbac.authorization.k8s.io
kind: ClusterRole
name: cluster-admin
subjects:
- kind: ServiceAccount
name: admin-user
namespace: sriramparamasivam
Settings


ibm_deployment.yaml - Sprint-4 - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
SPRINT-4
__pycache__
app.cpython-39.pyc
kubernetes
dashboard-adminuser.yaml
flask_deployment.yaml
flask_ingress.yaml
flask_service.yaml
ibm_deployment.yaml
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home.css
style.css
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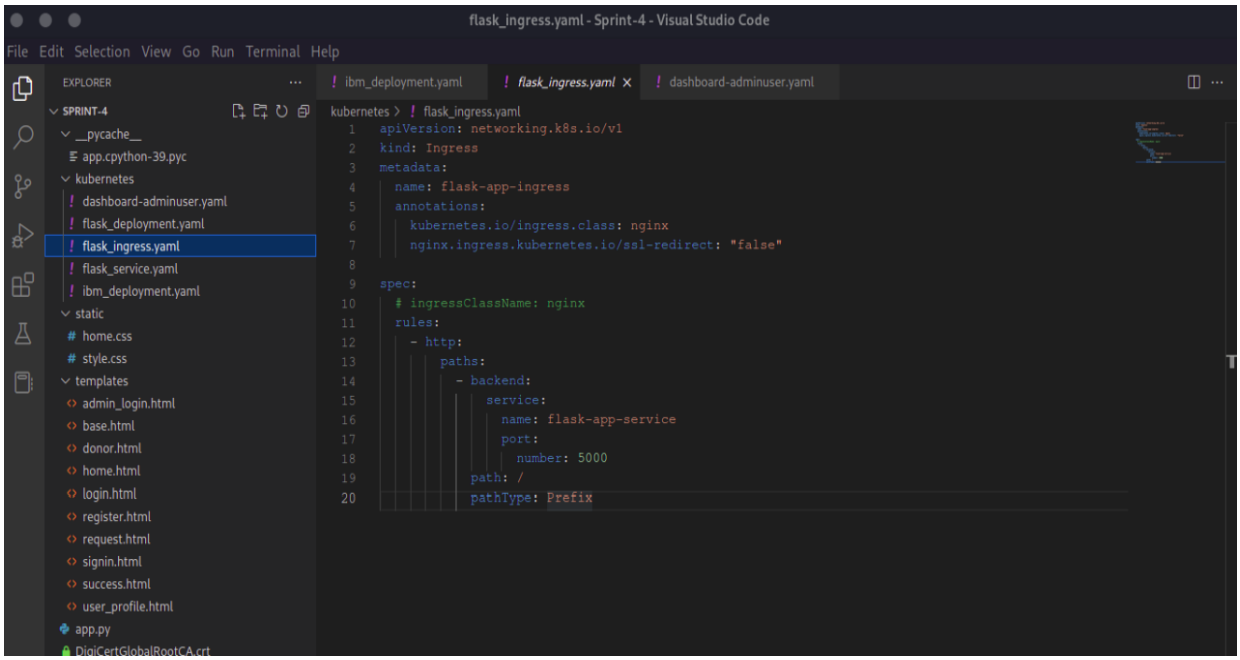
admin_login.html
base.html
donor.html
home.html
login.html
register.html
request.html
signin.html
success.html
user_profile.html
app.py
DigiCertGlobalRootCA.crt
ibm_deployment.yaml
dashboard-adminuser.yaml
flask_ingress.yaml
kubernetes > ibm_deployment.yaml
apiVersion: apps/v1
kind: Deployment
metadata:
name: flask-app
spec:
replicas: 3
selector:
matchLabels:
app: flask-app
template:
metadata:
labels:
app: flask-app
spec:
containers:
- name: repo2
image: docker.io/sriramparamasivam/plasmadonor
ports:
- containerPort: 5000
protocol: TCP


flask_ingress.yaml - Sprint-4 - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
SPRINT-4
__pycache__
app.cpython-39.pyc
kubernetes
dashboard-adminuser.yaml
flask_deployment.yaml
flask_ingress.yaml
flask_service.yaml
ibm_deployment.yaml
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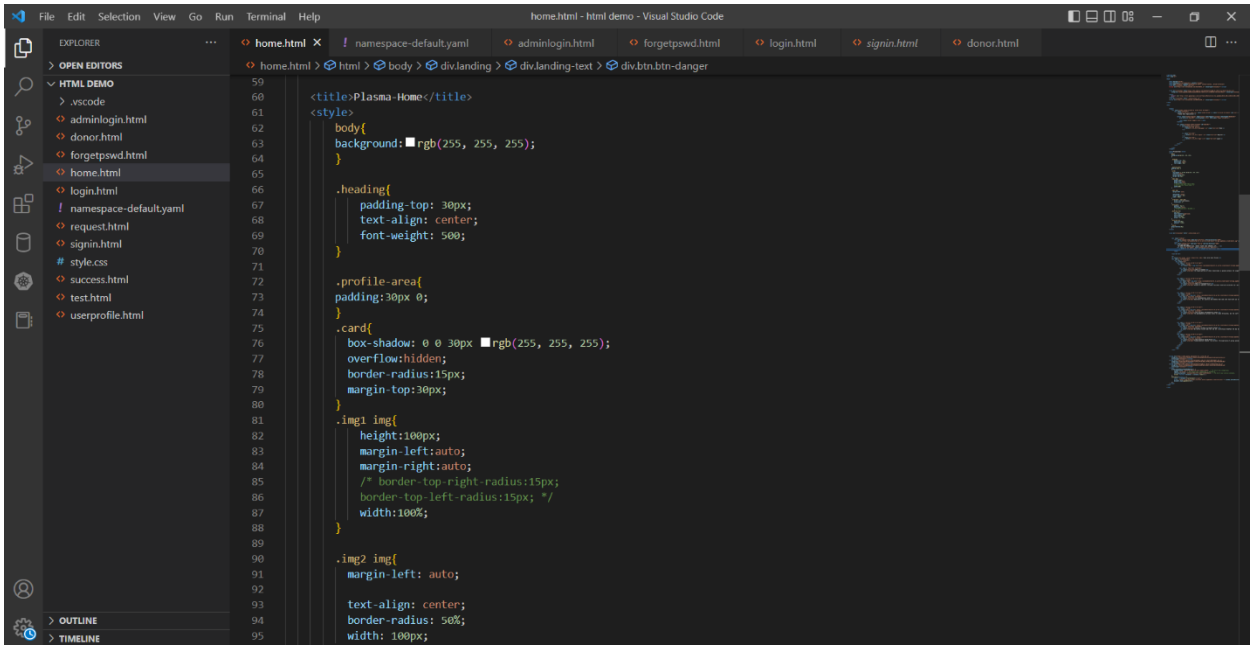
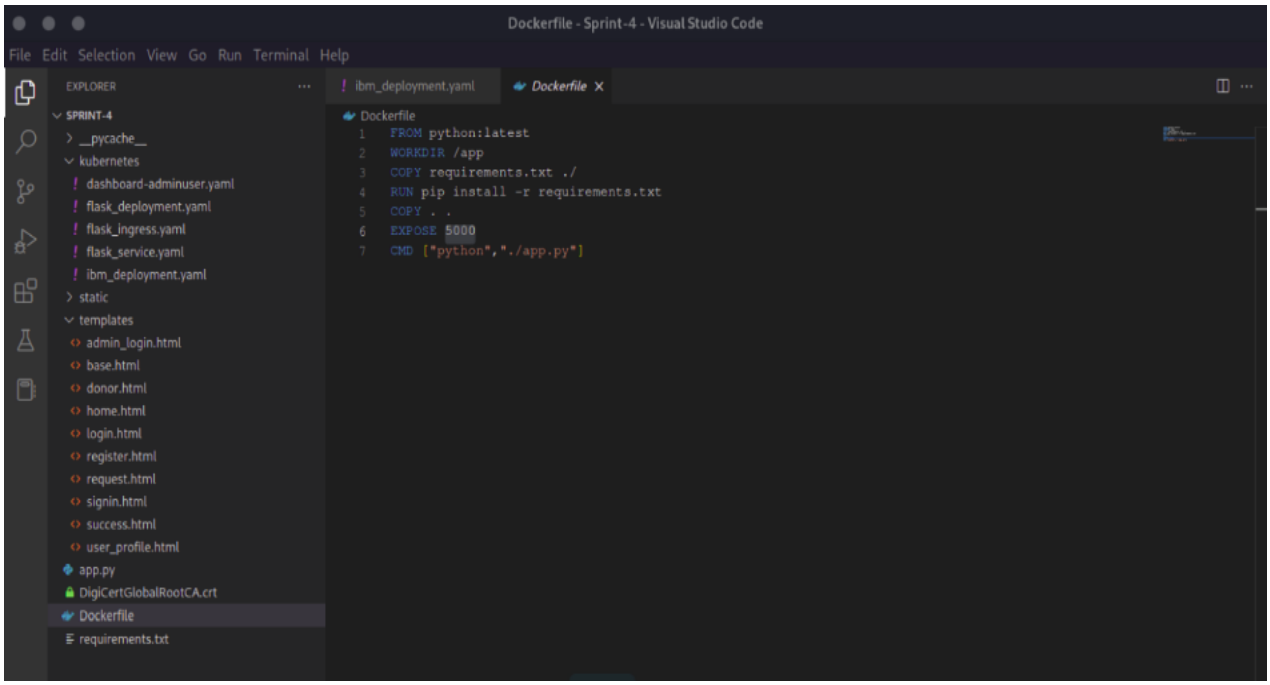
request.html
signin.html
success.html
user_profile.html
app.py
DigiCertGlobalRootCA.crt
ibm_deployment.yaml
flask_ingress.yaml
dashboard-adminuser.yaml
kubernetes > flask_ingress.yaml
apiVersion: networking.k8s.io/v1
kind: Ingress
metadata:
name: flask-app-ingress
annotations:
kubernetes.io/ingress.class: nginx
nginx.ingress.kubernetes.io/ssl-redirect: "false"
spec:
ingressClassName: nginx
rules:
- http:
paths:
- backend:
service:
name: flask-app-service
port:
number: 5000
path: /
pathType: Prefix


File Edit Selection View Go Run Terminal Help
home.html - html demo - Visual Studio Code
EXPLORER
OPEN EDITORS
HTML DEMO
.vscode
adminlogin.html
donor.html
forgetpswd.html
home.html
login.html
namespace-default.yaml
request.html
signin.html
style.css
success.html
test.html
userprofile.html
OUTLINE
TIMELINE
home.html
namespace-default.yaml
adminlogin.html
forgetpswd.html
login.html
signin.html
donor.html
home.html > html > body > div.landing > div.landing-text > div.btn.btn-danger
<title>Plasma-Home</title>
<style>
body{
background:rgb(255, 255, 255);
}
.heading{
padding-top: 30px;
text-align: center;
font-weight: 500;
}
.profile-area{
padding:30px 0;
}
.card{
box-shadow: 0 0 30px rgb(255, 255, 255);
overflow:hidden;
border-radius:15px;
margin-top:30px;
}
.img1 img{
height:100px;
margin-left:auto;
margin-right:auto;
/* border-top-right-radius:15px;
border-top-left-radius:15px; */
width:100%;
}
.img2 img{
margin-left: auto;
text-align: center;
border-radius: 50%;
width: 100px;


Dockerfile - Sprint-4 - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
SPRINT-4
__pycache__
kubernetes
dashboard-adminuser.yaml
flask_deployment.yaml
flask_ingress.yaml
flask_service.yaml
ibm_deployment.yaml
static
templates
admin_login.html
base.html
donor.html
home.html
login.html
register.html
request.html
signin.html
success.html
user_profile.html
app.py
DigiCertGlobalRootCA.crt
Dockerfile
requirements.txt
ibm_deployment.yaml
Dockerfile
Dockerfile
FROM python:latest
WORKDIR /app
COPY requirements.txt ./
RUN pip install -r requirements.txt
COPY . .
EXPOSE 5000
CMD ["python","./app.py"]