

# **IBM-Project-49854-1660881153**

## **Plasma Donor Application**

Team ID : **PNT2022TMID23657**

- Team Leader : M.Pooja
- Team member :V.Nehaa
- Team member :G.Suvetha
- Team member :S.Srinithi

### **Status :**

- Ideation Phase - done
- Problem Statement - done
- Project Design & Planning (1) - done
- Project Design & Planning (2) - done
- Project planning - done
- Sprint 1 - done
- Sprint 2 - done
- Sprint 3 - done • Sprint 4 - done

### **Project completed:**

Github files:

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Plasma Donor Application

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Contributors 1 PoojaMukesh

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Final Deliverables Add files via upload 19 seconds ago

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README.md Update README.md 23 hours ago

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Plasma Donor Application

TEAM MEMBERS:

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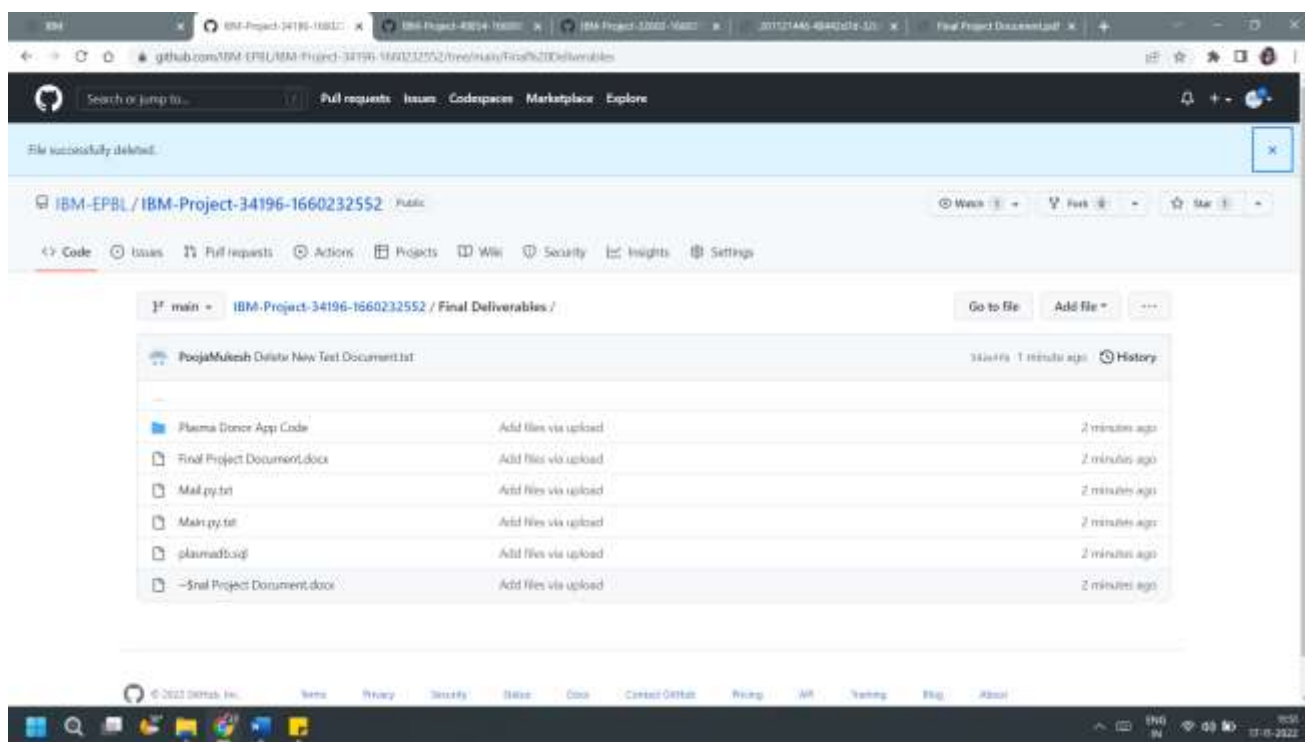
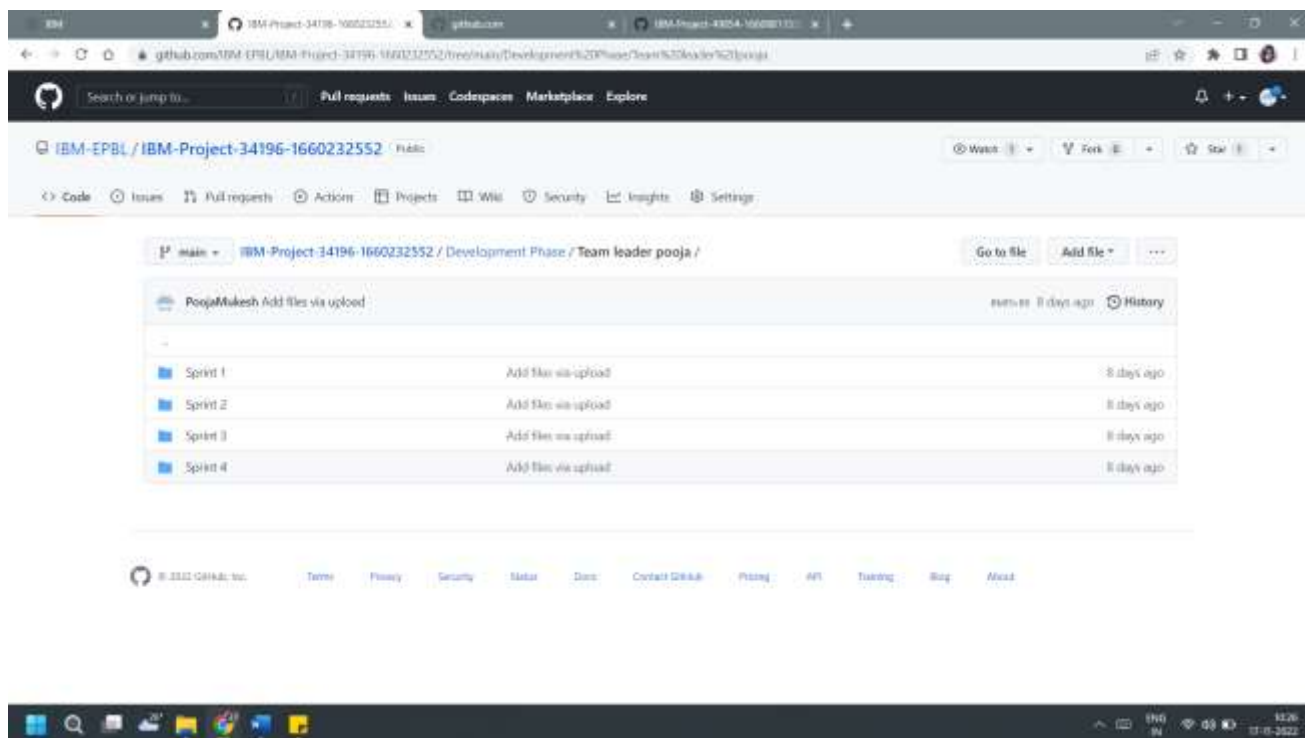
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github.com/IBM-EPBL/IBM-Project-34196-1660232552/tree/main/Final%20Deliverables/Plasma%20Donor%20App%20Code

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DigiCertGlobalRootCA.crt.txt	Add files via upload	2 minutes ago
Dockerfile.txt.txt	Add files via upload	2 minutes ago
Requirements.txt.txt	Add files via upload	2 minutes ago
Sendgridmail.py.txt	Add files via upload	2 minutes ago

11:52 12-6-2022

```
maryada@maryada:~$ sudo docker run -p 8080:8080 plasmanaryada
[sudo] password for maryada:
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Running on all addresses.
  WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
* Restarting with stat
* Debugger is active!
* Debugger PIN: 422-454-297
```

## SETTING UP APPLICATION ENVIRONMENT

## IMPLEMENTING WEB APPLICATION

## INTEGRATING SENDGRID SERVICE

## DEPLOYMENT OF APP IN IBM CLOUD

Plasma Donor App

HomeRegister

Enter Username

Enter Password

Login

LogIn

Incorrect username / password !

2

Donors

1

O Positive

0

A Positive

1

B Positive

0

AB Positive

0

O Negative

0

A Negative

0

B Negative

0

AB Negative

Choose your blood group

Submit the request

Enter Your Name

Enter Email

Enter 10-digit mobile number

Enter Your City Name

Select COVID Infection status

Choose your blood group

Enter Password

Register

```
maryada@maryada:~$ sudo docker run -p 8080:8080 plasmanaryada
(base) maryada@maryada:~$ sudo docker run -p 8080:8080 plasmanaryada
[sudo] password for maryada:
 * Serving Flask app 'app' (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Running on all addresses.
   WARNING: This is a development server. Do not use it in a production deployment.
 * Running on http://172.17.0.3:5000/ (Press CTRL+C to quit)
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 422-454-297
172.17.0.1 - - [30/Oct/2022 09:21:56] "GET / HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:21:56] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:21:56] "GET /favicon.ico HTTP/1.1" 404 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "POST /loginpage HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "POST /loginpage HTTP/1.1" 302 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /dashboard HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /requester HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /registration HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /login HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:21:57] "GET /static/style.css HTTP/1.1" 304 -
```



IBM Cloud

Search resources and products...

Catalog

Manage

MARYADA KUMAR LOD...

Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...					
Compute (0)					
Containers (3)					
maryada	Default	Global	Container Registry	-	-
mycluster-free	Default	Frankfurt	Kubernetes Service	Normal	-
plasmanamespace	Default	Global	Container Registry	-	-
Networking (0)					
Storage (1+)					
AI / Machine Learning (1+)					
Analytics (0)					
Blockchain (0)					
Databases (1)					

IBM Cloud

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Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...					
Networking (0)					
Storage (1+)					
AI / Machine Learning (1+)					
Analytics (0)					
Blockchain (0)					
Databases (1)					
Db2-fin	Default	Dallas	Db2	Active	-
Developer tools (0)					
Logging and monitoring (0)					
Migration (0)					
Integration (0+)					

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

Find schemas or tables

Refresh

Schemas

<input checked="" type="checkbox"/>	Name	Type	Tables
<input checked="" type="checkbox"/>	YGG09863	User	4

Total: 1, selected: 1

Tables

New table

<input type="checkbox"/>	Name	Schema	Properties
<input type="checkbox"/>	DONORS	YGG09863	--
<input type="checkbox"/>	JOBS	YGG09863	--
<input type="checkbox"/>	REQUESTED	YGG09863	--
<input type="checkbox"/>	USERS	YGG09863	--

Total: 4, selected: 0

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

Find schemas or tables

Refresh

Schemas

Tables

New table

<input type="checkbox"/>	Name	Schema	Properties
<input type="checkbox"/>	DONORS	YGG09863	--
<input type="checkbox"/>	JOBS	YGG09863	--
<input type="checkbox"/>	REQUESTED	YGG09863	--
<input type="checkbox"/>	USERS	YGG09863	--

Total: 4, selected: 0

Table definition

DONORS

Approximate 2 rows (32.8 KB)  
Created on 2022-10-27 04:03:08

Name	Data type	Nullable	Length	Scale
USERNAME	VARCHAR	Y	32	0
EMAIL	VARCHAR	Y	32	0
PASSWORD	VARCHAR	Y	32	0
CITY	VARCHAR	Y	32	0
INFECT	VARCHAR	Y	32	0

View data

IBM Db2 on Cloud

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

YGG09863.DONORS

Back

Export to CSV

USERNAME	EMAIL	PASSWORD	CITY	INFECT	BLOOD	phone
Maryada	maryada@student.tce.edu	maryada@123	Madurai	uninfected	B Positive	+919080532800
Nitin	maryada@student.tce.edu	nitin@123	Madurai	uninfected	O Positive	+919080532800

IBM Db2 on Cloud

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

Find schemas or tables

Refresh

Tables

New table

Name	Schema	Properties
<input type="checkbox"/> DONORS	YGG09863	--
<input type="checkbox"/> JOBS	YGG09863	--
<input checked="" type="checkbox"/> REQUESTED	YGG09863	--
<input checked="" type="checkbox"/> USERS	YGG09863	--

Total: 4, selected: 2

Table definition

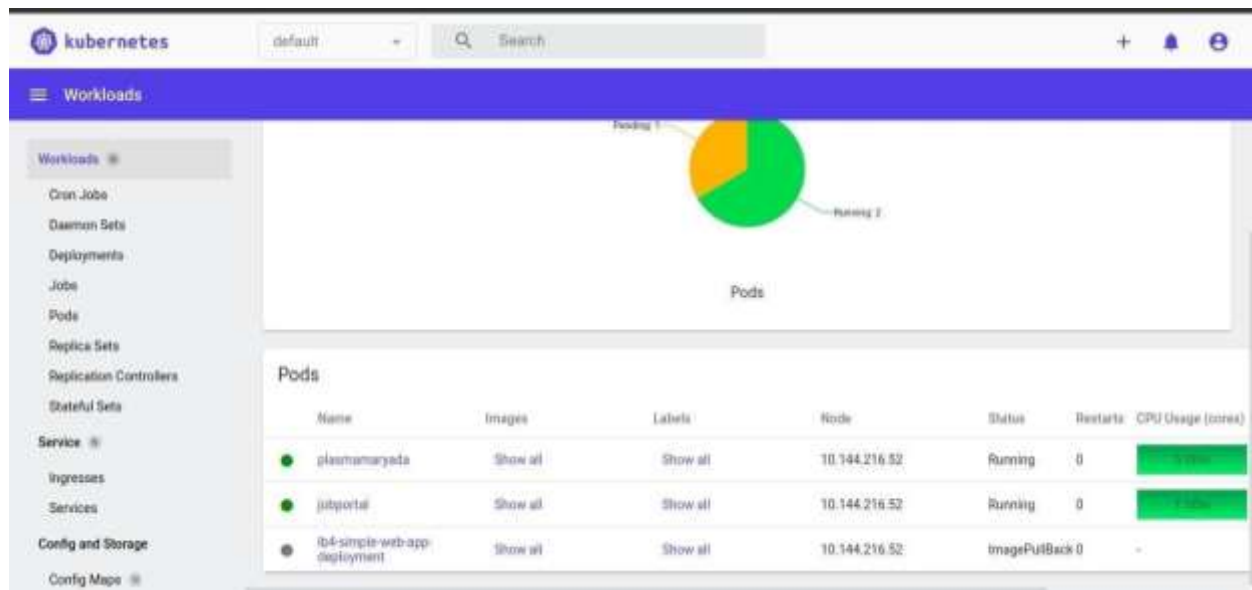
REQUESTED

Approximate 4 rows (12.0 KB)  
Updated on 2022-10-27 06:11:00

Name	Data type	Nullable	Length	Scale
BLOODGROUP	VARCHAR	Y	32	0
ADDRESS	LONG VARCHAR	Y	32760	0
NAME	VARCHAR	Y	32	0
EMAIL	VARCHAR	Y	32	0
PHONE	VARCHAR	Y	32	0

View data





Source code : <https://github.com/IBM-EPBL/IBM-Project-34196-1660232552>