

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

## **Plasma Donor Application**

Team ID : PNT2022TMID44491

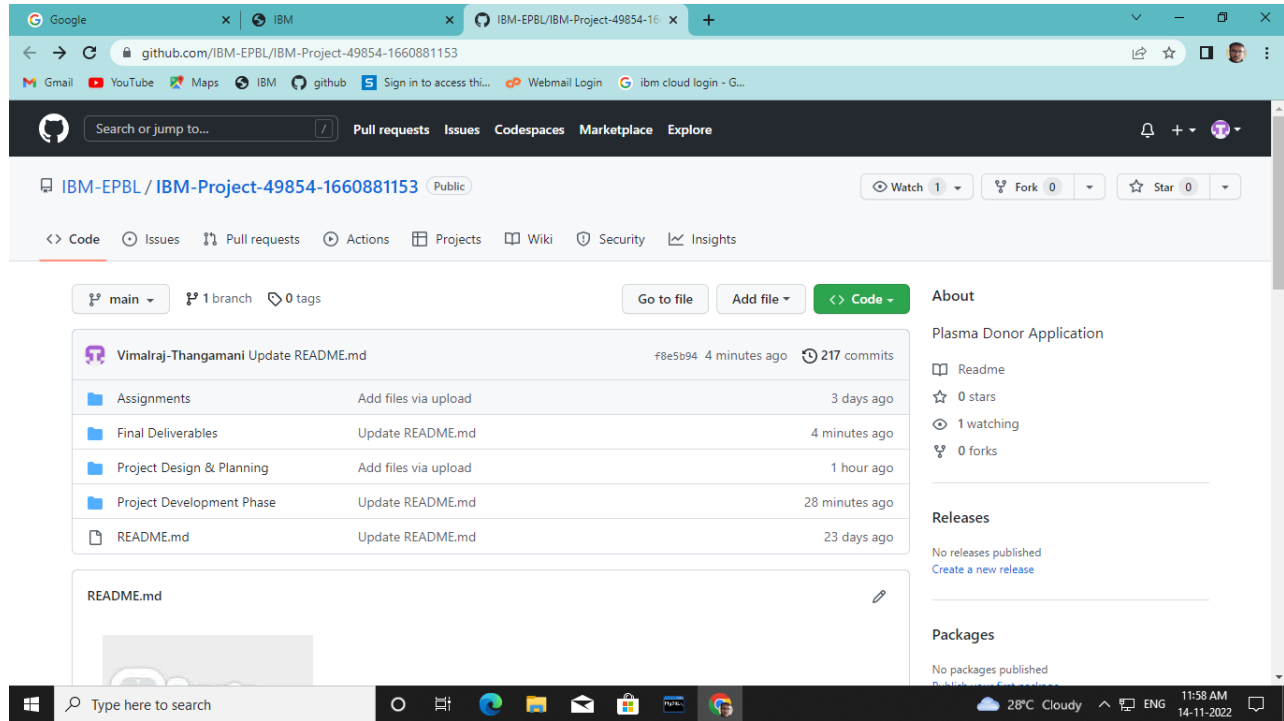
- Team Leader : Arvin Danny C.S
- Team member : Nitin Vinayak S
- Team member : Maryada Kumar Lodha D.
- Team member : Shaambhavi S

### **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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Vimalraj-Thangamani Update README.md f8e5b94 4 minutes ago 217 commits

| File                      | Action               | Time           |
|---------------------------|----------------------|----------------|
| Assignments               | Add files via upload | 3 days ago     |
| Final Deliverables        | Update README.md     | 4 minutes ago  |
| Project Design & Planning | Add files via upload | 1 hour ago     |
| Project Development Phase | Update README.md     | 28 minutes ago |
| README.md                 | Update README.md     | 23 days ago    |

README.md

About Plasma Donor Application

Readme

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1 watching

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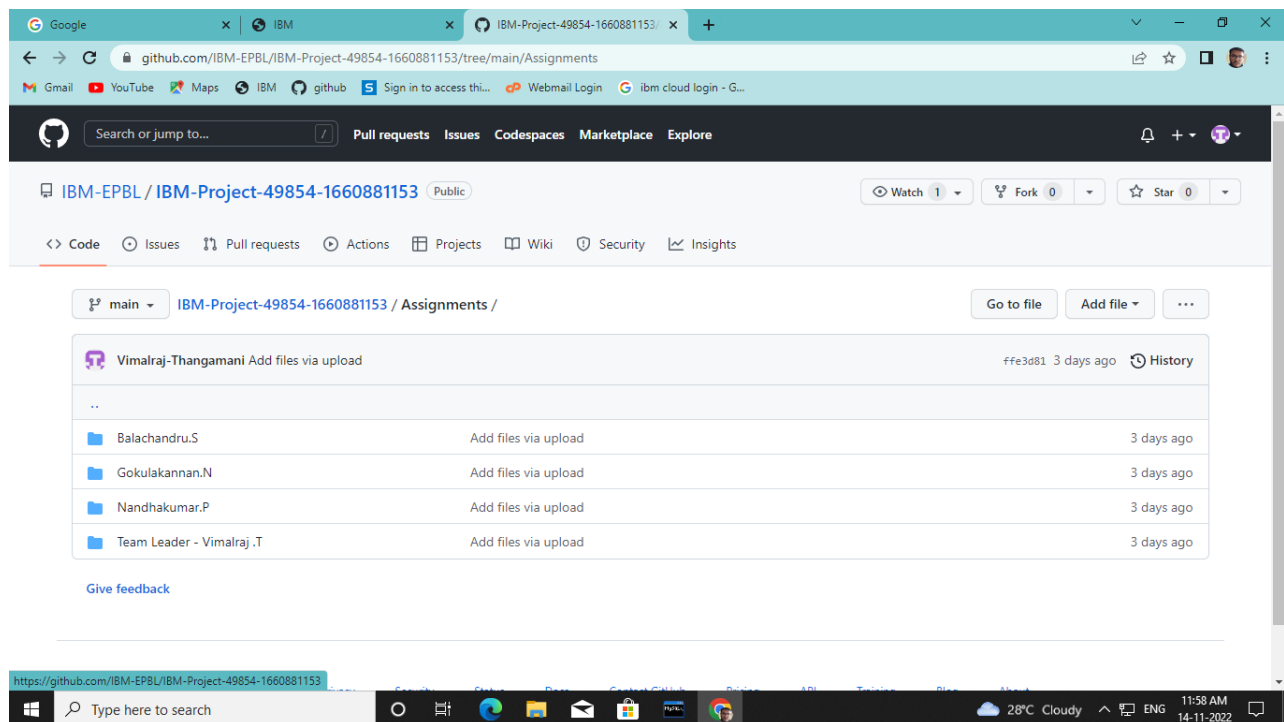
Releases

No releases published

Create a new release

Packages

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| Gokulakannan.N            | Add files via upload | 3 days ago |
| Nandhakumar.P             | Add files via upload | 3 days ago |
| Team Leader - Vimalraj .T | Add files via upload | 3 days ago |

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| ASSIGNMENT 3 | Add files via upload | 3 days ago |
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| Brainstorm                      | Add files via upload | 2 hours ago |
| IDEATION                        | Add files via upload | 2 hours ago |
| Problem statement               | Add files via upload | 2 hours ago |
| Project Design and Planning - 2 | Add files via upload | 1 hour ago  |
| Project Design and Planning -1  | Add files via upload | 1 hour ago  |
| Project planning                | Create README.md     | 3 days ago  |
| README.md                       | Create README.md     | 23 days ago |

README.md

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github.com/IBM-EPBL/IBM-Project-49854-1660881153/tree/main/Project%20Development%20Phase

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| Folder Sprint 3 | Add files via upload | 34 minutes ago |
| Folder Sprint 4 | Add files via upload | 31 minutes ago |
| File README.md  | Update README.md     | 30 minutes ago |

README.md

Sprint 1 - done Sprint 2 - done Sprint 3 - done Sprint 4 - done

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github.com/IBM-EPBL/IBM-Project-49854-1660881153/tree/main/Final%20Deliverables/Plasma%20donor%20app%20code

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| Folder templates              | Add files via upload | 13 minutes ago |
| File DigiCertGlobalRootCA.crt | Add files via upload | 11 minutes ago |
| File Dockerfile.txt           | Add files via upload | 7 minutes ago  |
| File README.md                | Update README.md     | 7 minutes ago  |
| File app.py                   | Add files via upload | 7 minutes ago  |
| File requirements.txt         | Add files via upload | 7 minutes ago  |
| File sendgridmail.py          | Add files via upload | 7 minutes ago  |

README.md

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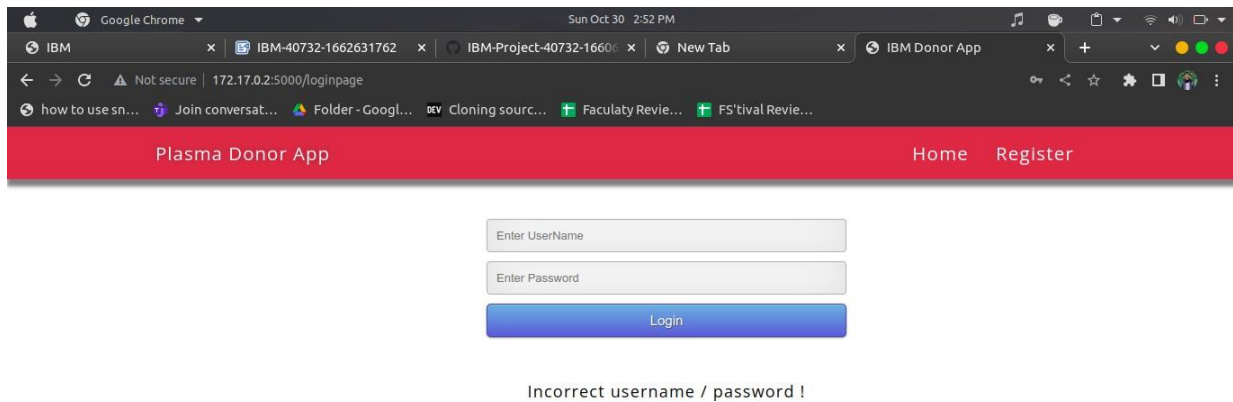
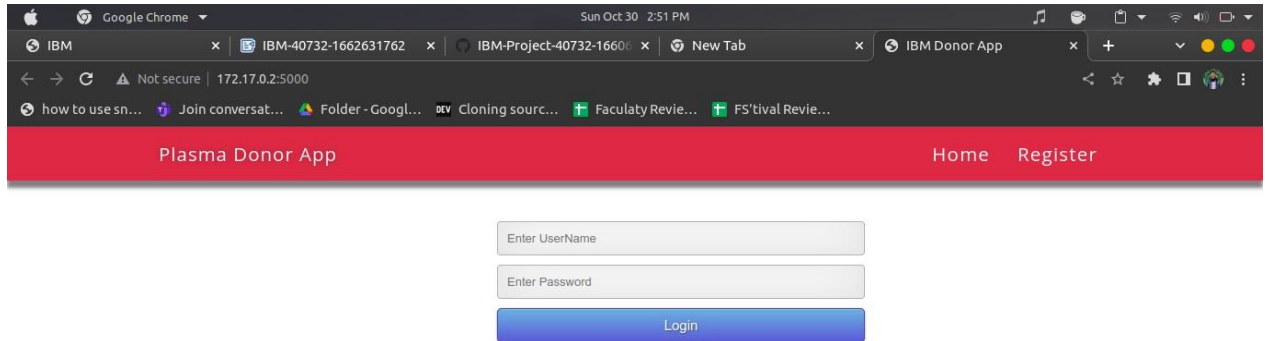
```
Apple Terminal Sun Oct 30 2:51 PM
maryada@maryada: ~
(base) maryada@maryada:~$ sudo docker run -p 8080:8080 plasmamaryada
[sudo] password for maryada:
* Serving Flask app 'app' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  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
```

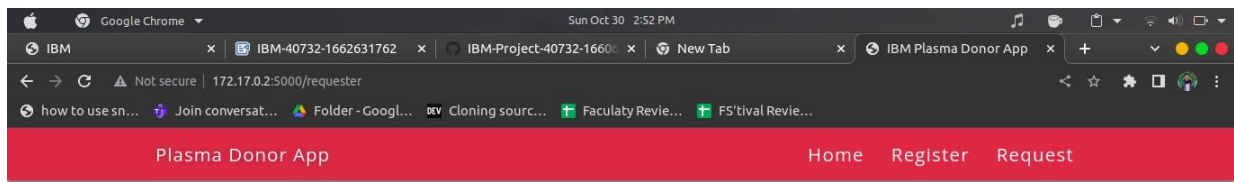
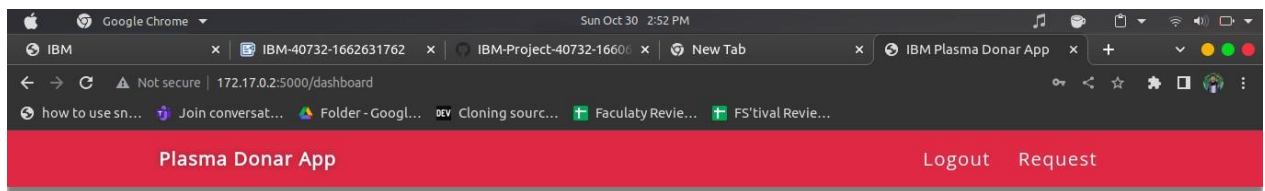
## SETTING UP APPLICATION ENVIRONMENT

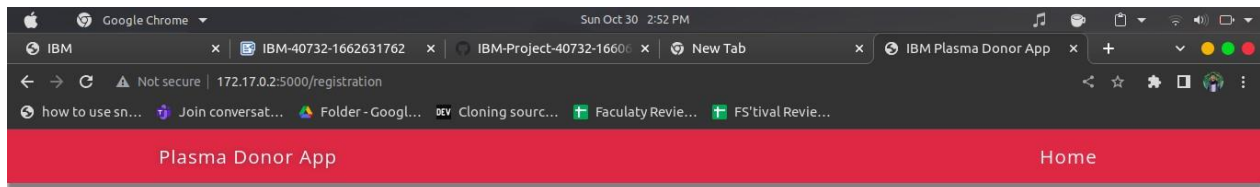
## IMPLEMENTING WEB APPLICATION

## INTEGRATING SENDGRID SERVICE

## DEPLOYMENT OF APP IN IBM CLOUD







```

Sun Oct 30 2:52 PM
maryada@maryada: ~
(base) maryada@maryada:~$ sudo docker run -p 8080:8080 plasmamaryada
[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
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 09:22:07] "POST /loginpage HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:22:07] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:22:22] "POST /loginpage HTTP/1.1" 302 -
172.17.0.1 - - [30/Oct/2022 09:22:24] "GET /dashboard HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:22:24] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:22:27] "GET /requester HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:22:27] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:22:30] "GET /registration HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:22:31] "GET /static/style.css HTTP/1.1" 304 -
172.17.0.1 - - [30/Oct/2022 09:22:34] "GET /login HTTP/1.1" 200 -
172.17.0.1 - - [30/Oct/2022 09:22:34] "GET /static/style.css HTTP/1.1" 304 -

```



Google ChromeSun Oct 30 2:55 PM

IBMIBM-40732-1662631762IBM-Project-40732-16600IBM Donor AppResource list - IBM Cloud

cloud.ibm.com/resources

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IBM CloudSearch resources and products...CatalogManageMARYADA 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)  |         |           |                    |        |      |

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cloud.ibm.com/resources

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IBM CloudSearch resources and products...CatalogManageMARYADA 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... |         |          |         |        |      |
| Networking (0)   |         |          |         |        |      |
| Storage (1+)   |         |          |         |        |      |
| AI / Machine Learning (1+)   |         |          |         |        |      |
| Analytics (0)  |         |          |         |        |      |
| Blockchain (0)   |         |          |         |        |      |
| Databases (1)  |         |          |         |        |      |
| Db2-fm   | Default | Dallas   | Db2     | Active | —    |
| Developer tools (0)  |         |          |         |        |      |
| Logging and monitoring (0)   |         |          |         |        |      |
| Migration (0)  |         |          |         |        |      |
| Integration (0+)   |         |          |         |        |      |

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application 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 Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

Find schemas or tables Refresh

**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 (32.0 KB)  
Updated on 2022-10-29 08:08:08

| 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 (32.0 KB) Updated on 2022-10-29 06:03:05

| Name     | Data type    | Nullable | Length | Scale |
|----------|--------------|----------|--------|-------|
| BLOODGRP | VARCHAR      | Y        | 32     | 0     |
| ADDRESS  | LONG VARCHAR | Y        | 32700  | 0     |
| NAME     | VARCHAR      | Y        | 32     | 0     |
| EMAIL    | VARCHAR      | Y        | 32     | 0     |
| PHONE    | VARCHAR      | Y        | 32     | 0     |

View data

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

YGG09863.REQUESTED Back

Export to CSV

| BLOODGRP    | ADDRESS                                     | NAME                  | EMAIL                   | PHONE         |
|-------------|---|-----------------------|-------------------------|---------------|
| AB Positive | 44/24 MAHAL 4TH STREET, 1ST FLOOR , Madurai | Maryada Kumar Lodha D | Maryada Kumar Lodha D   | +919080532800 |
| AB Positive | 44/24 MAHAL 4TH STREET, 1ST FLOOR , Madurai | Maryada Kumar Lodha D | danny@student.tce.edu   | +919080532800 |
| B Positive  | 44/24 MAHAL 4TH STREET, 1ST FLOOR , Madurai | Maryada Kumar Lodha D | maryada@student.tce.edu | +919080532800 |
| B Positive  | 44/24 MAHAL 4TH STREET, 1ST FLOOR , Madurai | Maryada Kumar Lodha D | maryada@student.tce.edu | +919080532800 |
| select      | 44/24 MAHAL 4TH STREET, 1ST FLOOR , Madurai | Maryada Kumar Lodha D | danny@student.tce.edu   | +919080532800 |

IBM Cloud

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Container Registry

Quick start

Namespaces 2

Repositories 2

**Images 2**

Trash 0

Settings

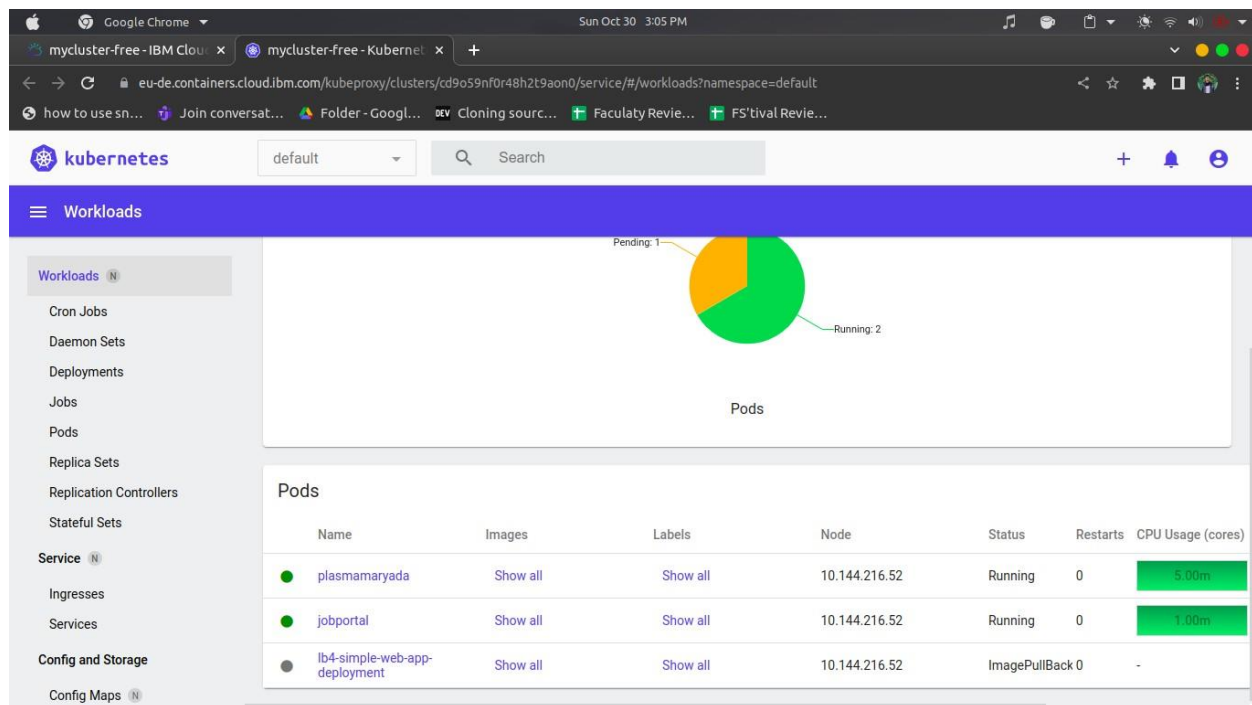
Images

Location: Global

View by: Digest Search Create

| Repository@digest                                   | Tags   | Manifest type | Created    | Size   | Security status |
|---|--------|---------------|------------|--------|-----------------|
| plasmnamespace/plasmamaryada@sha256:568b2a4132fc... | latest | Docker        | 1 day ago  | 435 MB | 99 issues       |
| maryada/jobportal@sha256:4dc0176cb126...            | latest | Docker        | 8 days ago | 435 MB | 99 issues       |

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Source code : <https://github.com/IBM-EPBL/IBM-Project-49854-1660881153>