

## Assessment-1

### 1. Got the approved for the project:



Dear Student,

Greetings from IBM,

Your team has successfully enrolled for the project. Please find the team details below

**Team ID :** PNT2022TMID53969

**Team Size :** 4

**Team Leader :** KISHORE KUMAR.M

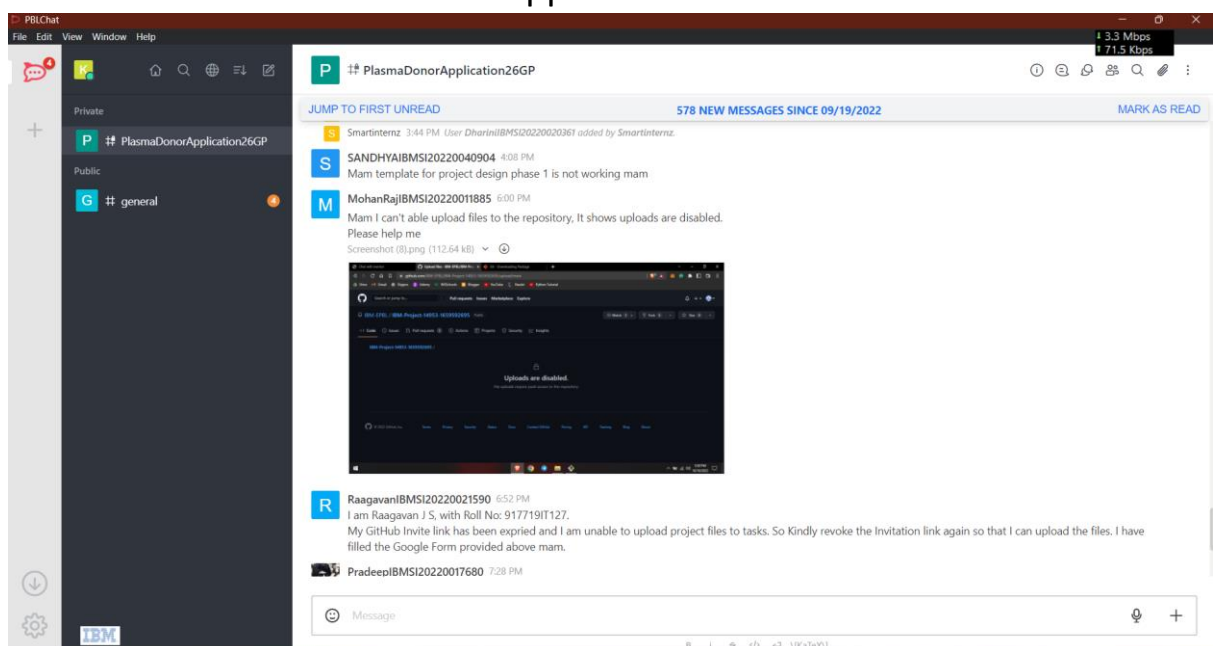
**Team member :** AMAN KUMAR SINGH

**Team member :** BHUVANESH V

**Team member :** JEFFREY BENISON A

Regards,  
Team IBM

### 2. Joined the channel and rocket application:



Chat with mentor x New Tab x NalayaThiran-Training & Project x Hurray! Your Team Has Success! x +

careereducation.smartinternz.com/student-chat-with-mentor-ext/19878

Project Title : Plasma Donor Application

Project Group Name : PlasmaDonorApplication26GP

Mentor(s) Name : Navya

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PradeepIBMSI20220017680 7:28 PM  
Greetings mam I have a doubt Greetings mam,

I have a doubt regarding Phase I mam , As every other phase has separate folder in git , like ideation , project Design phase I and II and Project planing , final delivery.

but my question is , how to the evaluation of phase-1 will be mam whether it is based on assignment or something like that?

because i have done

Ideation phase  
project design phase I  
project design phase II by tomorrow.

and there is no evaluation has been done yet , have anything i have missed it mam, if so kindly intimate it mam.

my Team ID : PNT2022TMDI17680

Smartinternz 7:32 PM User JAIMUGIIBMSI20220027815 added by Smartinternz.

Message +

29°C Partly cloudy

### 3. Access to the guided project workspace:

IBM x New Tab x NalayaThiran-Training & Project x Hurray! Your Team Has Success! x +

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Guided Project Project Workspace Chat with Mentor

Plasma Donor Application

- Setting Up Application Environment
- Implementing Web Application
- Integrating SendGrid Service
- Deployment Of App In IBM Cloud
- Ideation Phase
- Project Design Phase - I
- Project Design Phase - II
- Project Planning Phase
- Project Development Phase

**Plasma Donor Application**

**Software Required:**  
Python, Flask, Docker

**System Required:**  
8GB RAM, Intel Core i3, OS-Windows/Linux/MAC, Laptop or Desktop

During the COVID 19 crisis, the requirement of plasma became a high priority and the donor count has become low. Saving the donor information and helping the needy by notifying the current donors list, would be a helping hand. In regard to the problem faced, an application is to be built which would take the donor details, store them and inform them upon a request.

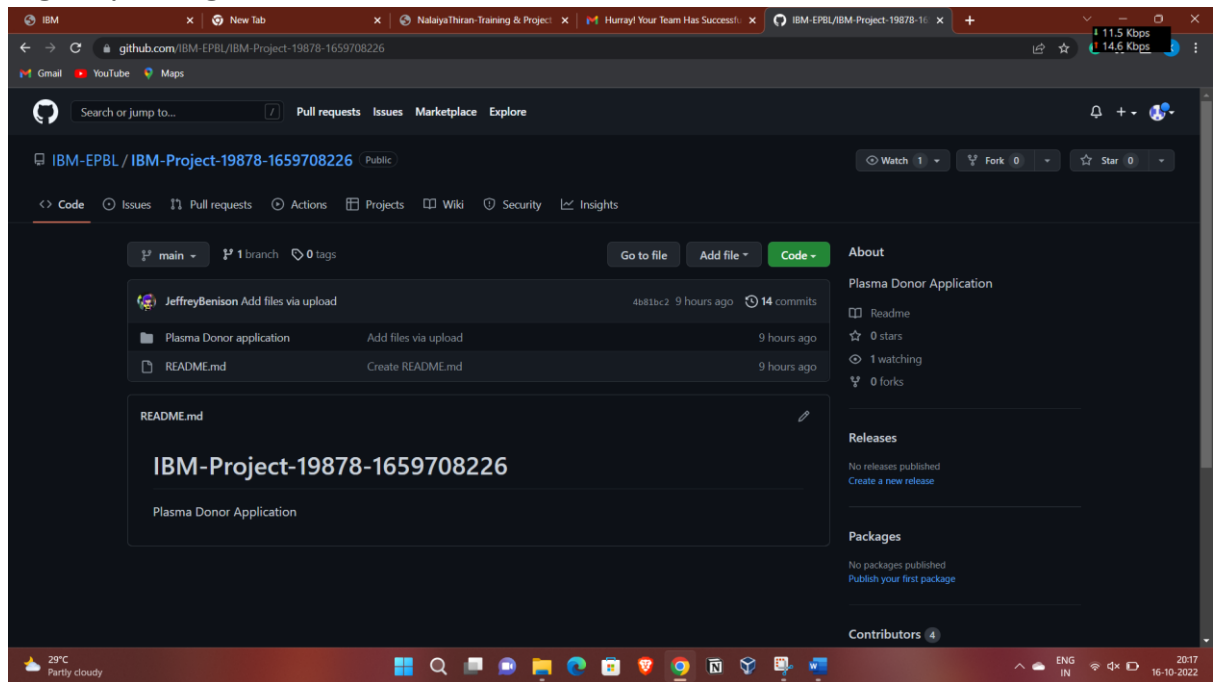
**Technical Architecture:**

```

graph LR
    User((User)) --- Cluster
    subgraph Cluster
        WorkerNode[Worker Node  
Application]
    end
    Cluster --- Kubernetes[Kubernetes Cluster]
    Kubernetes --- DB2[IBM DB2  
Stores the Users Data]
    DB2 -- "Send email alert on a request of plasma" --> WorkerNode
  
```

29°C Partly cloudy

#### 4. Sign-up the github account:



#### 5. Installed the necessary IDE and packages:

