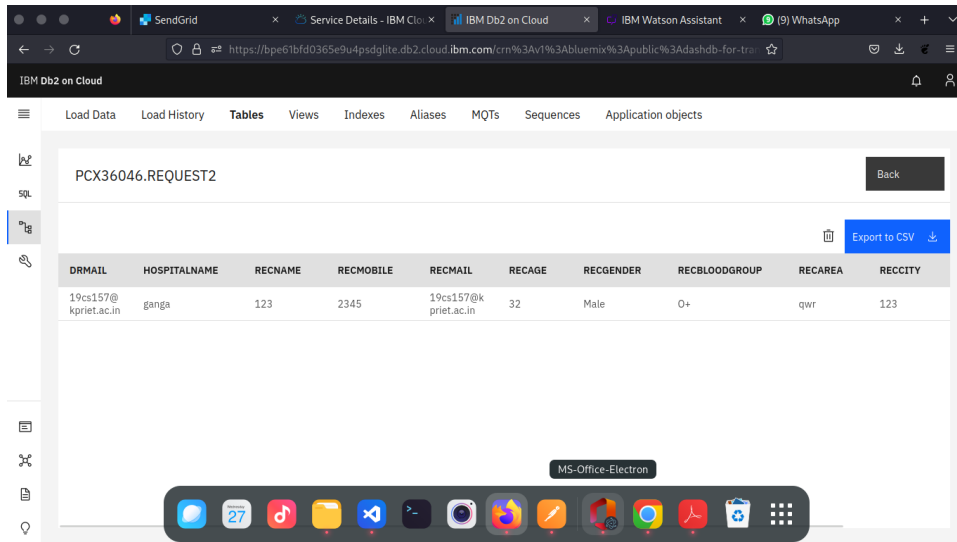


PROJECT DEVELOPMENT PHASE

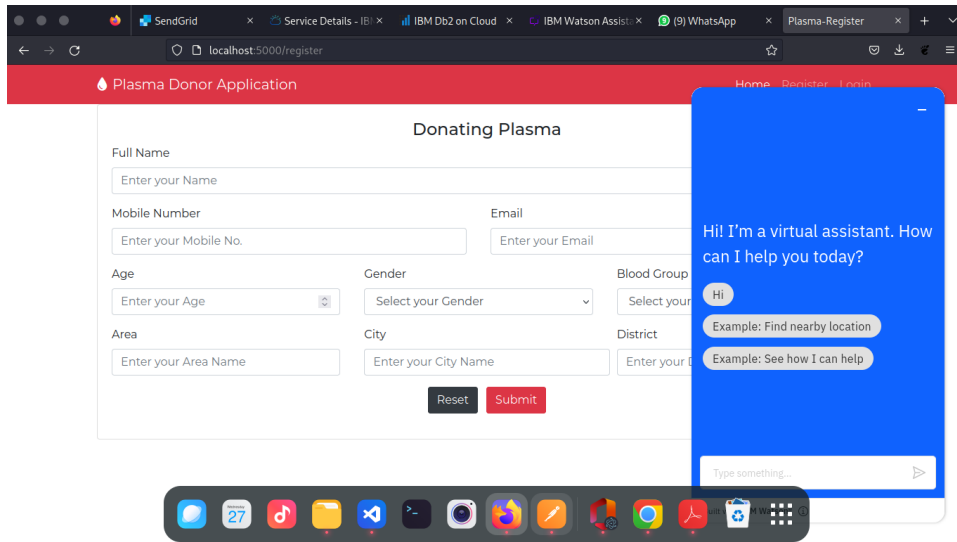
SPRINT – 2

Date	9th November 2022
Team Id	PNT2022TMID14117
Project Name	Plasma Donor Application

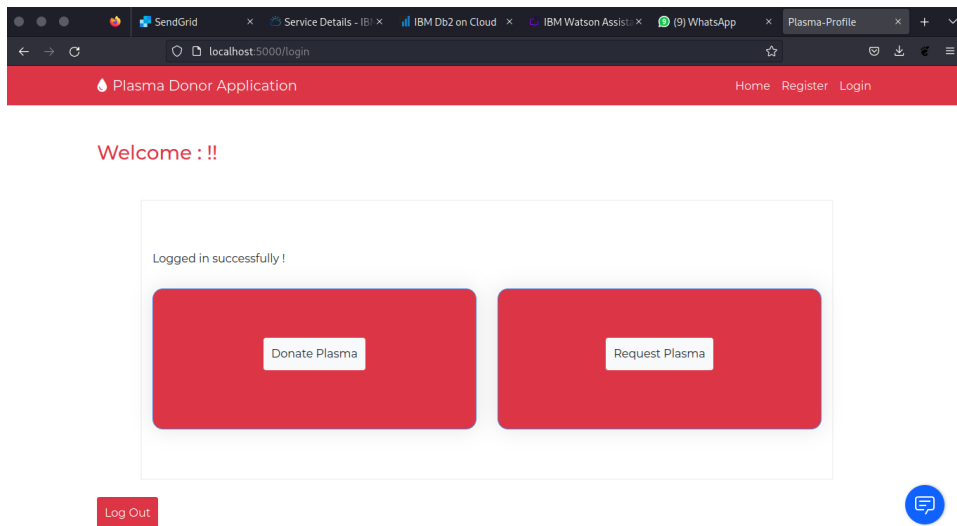


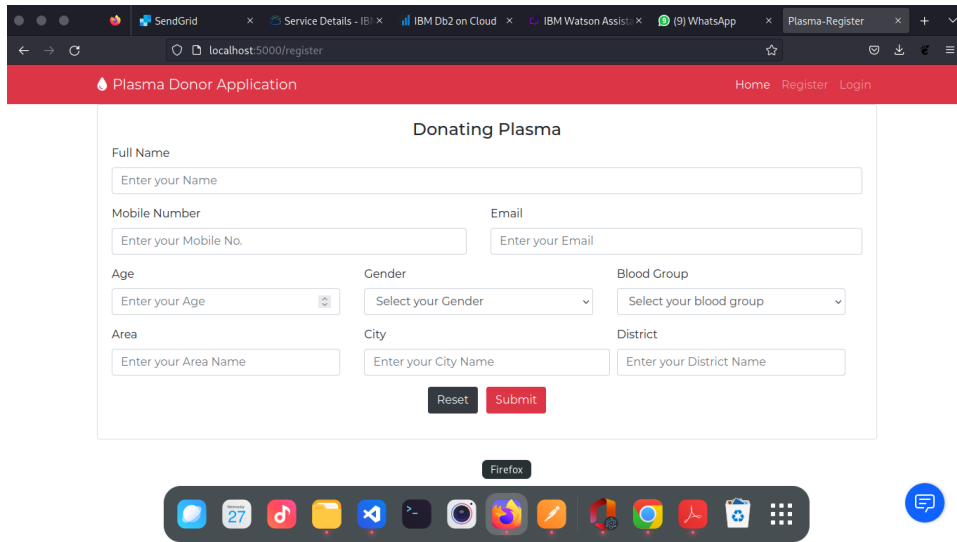
Creating the Db and Structure

Integration with Chatbot



Home page and Donor Page





CODE

app.py - Sprint-2 - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
EXPLORER
  SPRINT-2
    static
    templates
    app.py
    db.sql
    DigiCertGlobalRootCA.crt
    Sprint-2.pdf
  OUTLINE
  TIMELINE

1 from flask import Flask, render_template, request, url_for, flash, redirect, session
2 import ibm_db
3 import sendgrid
4 import os
5 import re
6 from sendgrid.helpers.mail import *
7
8 app = Flask(__name__)
9 app.secret_key = "secretkey"
10
11 conn = ibm_db.connect('DATABASE=bludb;HOSTNAME=9938aen0-8105-433e-8bf9-0fbb7e483086.clogj3ad0tgu0
12
13 @app.route("/")
14 def index():
15     return render_template('home.html')
16
17 @app.route("/home")
18 def home_page():
19     return render_template('home.html')
20
21
22 @app.route("/login", methods = ['POST', 'GET'])
23 def login():
24     global userid
25     msg = ''
26     if request.method == 'POST':
27         username = request.form['username']
28         password = request.form['password']
29         sql = "SELECT * FROM LOGIN_Firefox WHERE username=? AND password=?"
30         stmt = ibm_db.prepare(conn, sql)
```

db.sql - Sprint-2 - Visual Studio Code

```
File Edit Selection View Go Run Terminal Help
EXPLORER
  SPRINT-2
    static
    templates
    app.py
    db.sql
    DigiCertGlobalRootCA.crt
    Sprint-2.pdf
  OUTLINE
  TIMELINE

1 CREATE TABLE Persons (
2     username varchar(255),
3     usermail varchar(255),
4     usercontact varchar(255),
5     password varchar(255)
6 );
7
8 CREATE TABLE DONORS (
9     name varchar(255),
10    mobile varchar(255),
11    email varchar(255),
12    age int,
13    gender varchar(10),
14    blood varchar(255),
15    area varchar(255),
16    city varchar(255),
17    district varchar(255)
18 );
19
20 CREATE TABLE REQUESTS (
21    demail varchar(255),
22    hospitalname varchar(255),
23    recname varchar(255),
24    recmobile int,
25    recmail varchar(255),
26    recage int,
27    recgender varchar(10),
28    recbloodgroup varchar(255),
29    recarea varchar(255),
30    reccity varchar(255),
31    recdistrict varchar(255)
32 );
```