

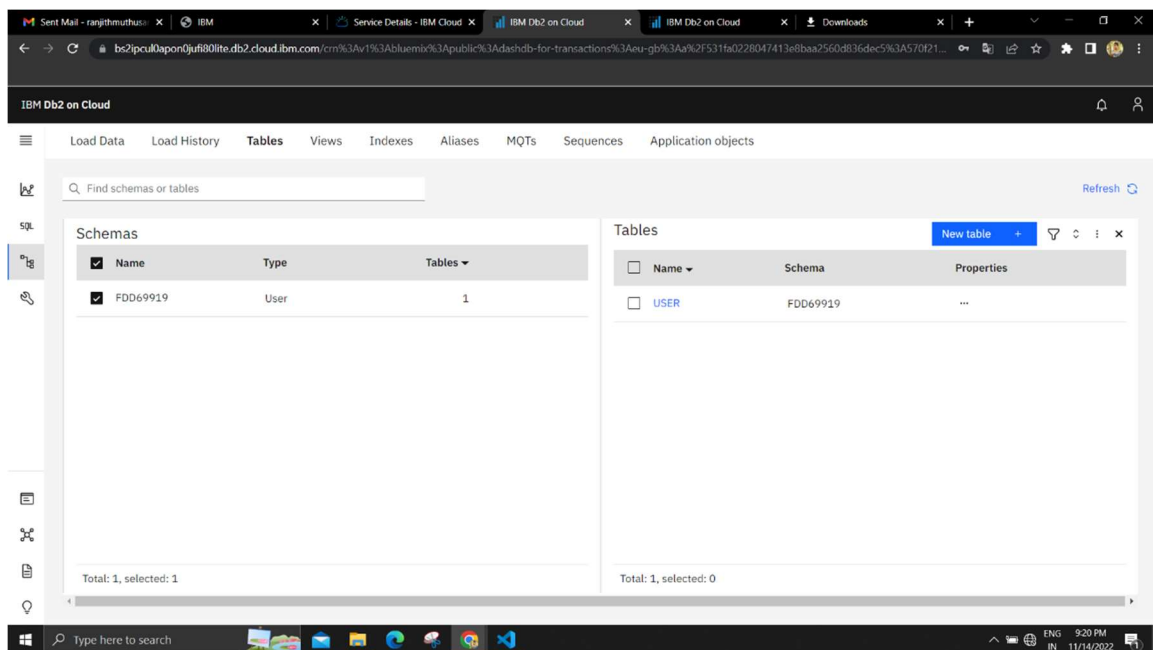
## Assignment 2

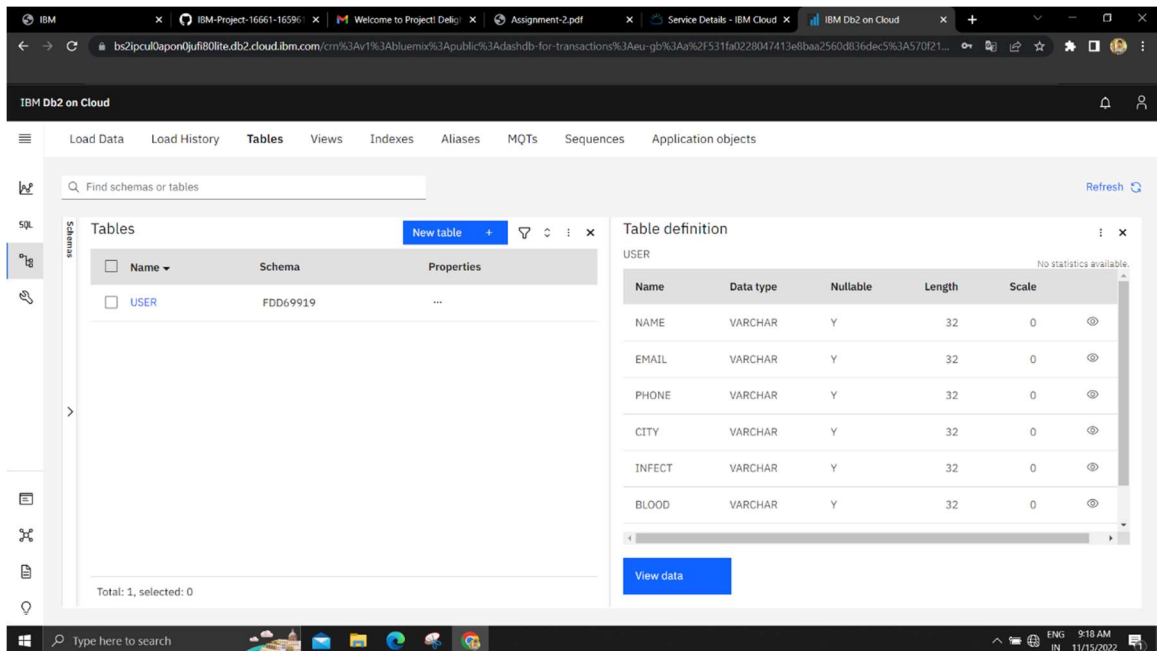
### Plasma doner Application:

Team ID : PNT2022TMID05643

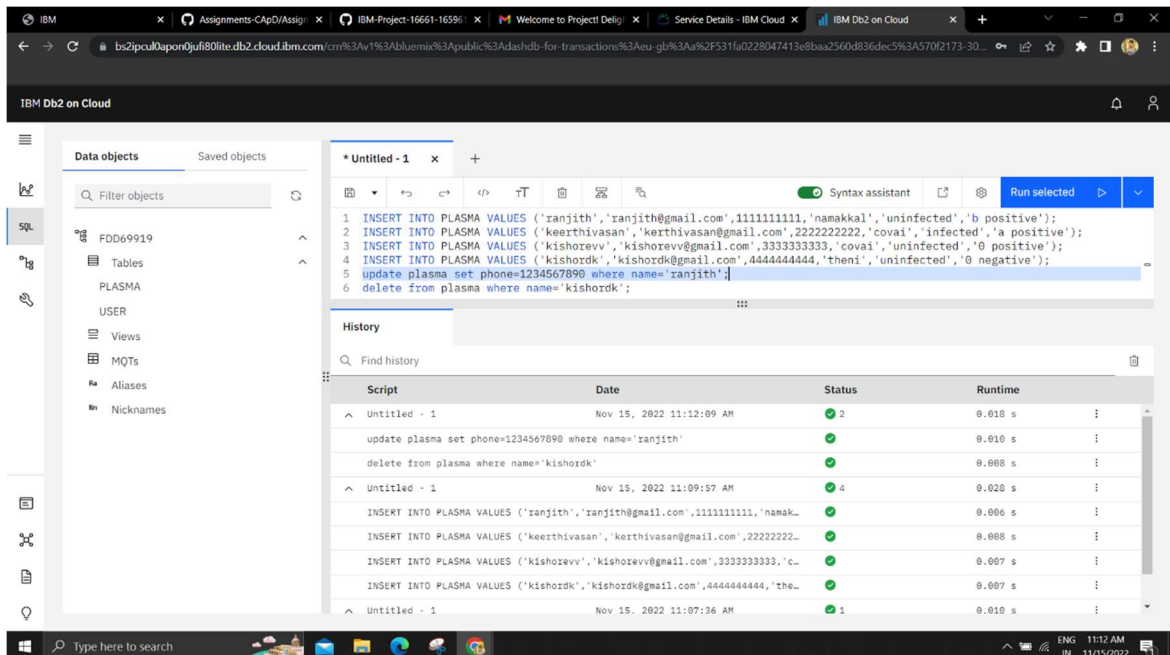
Name : Keerthivasan S S

1. Create User table with user with email, username, roll number, password.





## 2. Perform UPDATE, DELETE Queries with user table.



IBM Db2 on Cloud

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

FDD69919.PLASMA Back

Export to CSV

NAME	MAIL	PHONE	CITY	COVIDSTATUS	BLOODGROUP
keerthivasan	keerthivasan@gmail.com	2222222222	covai	infected	a positive
kishorevv	kishorevv@gmail.com	3333333333	covai	uninfected	0 positive
ranjith	ranjith@gmail.com	1234567890	namakkal	uninfected	b positive
ranjith	ranjith@gmail.com	1234567890	namakkal	uninfected	b positive

### 3. Connect python code to db2.

DB:

```
conn = ibm_db.connect("DATABASE=bludb;
HOSTNAME=55fbc997-9266-4331-afd3-
888b05e734c0.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=31929;SECUR
ITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=fdd69919;PWD=AIJ8I
eJp3OIE98qL",";")
```



Registration form fields:

- Name: Ranjith
- Email: ranjithmuthusamy44@gmail.com
- Phone: 08220413370
- City: Namakkal
- Infect: infected
- Blood: B Positive
- Password: \*\*\*\*\*
- Register button

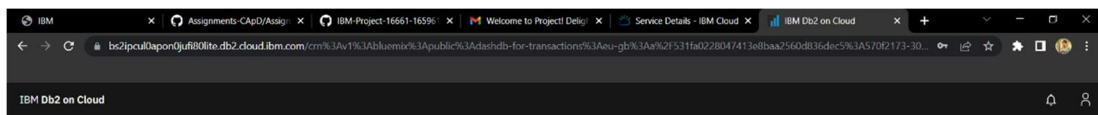


Table with 7 columns: NAME, EMAIL, PHONE, CITY, INFECT, BLOOD, PASSWORD. The table contains two rows of data.

NAME	EMAIL	PHONE	CITY	INFECT	BLOOD	PASSWORD
Ranjith M	ranjithmuthusamy44@gmail.com	8220413370	Namakkal	infected	B Positive	1901155
kishore	kishore.1901107@sec.ac.in	9894045457	Coimbatore	infected	O Positive	1901107

4. Create a flask app with registration page, login page and welcome page. By default load the registration page once the user enters all the fields store the data in database and navigate to login page authenticate user username and password. If the user is valid show the welcome page.

**Solution:**

### Register.html

```
<!DOCTYPE html>
<html >
<!--From https://codepen.io/frytyler/pen/EGdtg-->
<head>
  <meta charset="UTF-8">
  <title>Plasma Donor App</title>
  <link href='https://fonts.googleapis.com/css?family=Pacifico'
rel='stylesheet' type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet'
type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Hind:300'
rel='stylesheet' type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:300'
rel='stylesheet' type='text/css'>
  <link rel="stylesheet" href="{ url_for('static', filename='style1.css') }">
  <link rel="stylesheet" href="style.css">

<style>
.login{
top: 20%;
}
</style>
</head>

<body>
<div class="header">
<div>Plasma Donor App</div>
  <ul>

    <li><a class="active" href="/login">Home</a></li>
  </ul>
</div>
<div class="login">
```

```

    <!-- Main Input For Receiving Query to our ML -->
    <form action="{{ url_for('register') }}" method="post">
        <input type="text" name="name" placeholder="Enter Your Name"
required="required" style="color:black"/>
        <input type="email" name="email" placeholder="Enter Email"
required="required" style="color:black"/>
        <input type="text" name="phone" placeholder="Enter 10-digit mobile
number" required="required" style="color:black"/>
        <input type="city" name="city" placeholder="Enter Your City Name"
required="required" style="color:black"/>
        <select name="infect">
            <option value="select" selected>Select COVID infection
status</option>
            <option value="infected">Infected</option>
            <option value="uninfected">Uninfected</option>
        </select>
        <select name="blood">
            <option value="select" selected>Choose your blood
group</option>
            <option value="O Positive">O Positive</option>
            <option value="A Positive">A Positive</option>
            <option value="B Positive">B Positive</option>
            <option value="AB Positive">AB Positive</option>
            <option value="O Negative">O Negative</option>
            <option value="A Negative">A Negative</option>
            <option value="B Negative">B Negative</option>
            <option value="AB Negative">AB Negative</option>
        </select>
        <input type="password" name="passw" placeholder="Enter Password"
required="required" style="color:black"/>
        <button type="submit" class="btn btn-primary btn-block btn-
large">Register</button>

    </form>

    <br><br>
<div style="color:black">
    {{ pred }}</div>
</div>

</body>

```

```
</html>
```

## Login.html

```
<!DOCTYPE html>
<html >
<!--From https://codepen.io/frytyler/pen/EGdtg-->
<head>
  <meta charset="UTF-8">
  <title>Plasma Donor App</title>
  <link href='https://fonts.googleapis.com/css?family=Pacifico'
rel='stylesheet' type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet'
type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Hind:300'
rel='stylesheet' type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:300'
rel='stylesheet' type='text/css'>
  <link rel="stylesheet" href="{ url_for('static', filename='style1.css') }}">
  <!--link rel="stylesheet" href="style.css">

<style>
.login{
top: 20%;
}
</style>
</head>

<body>
<div class="header">
<div>Plasma Donor App</div>
  <ul>

    <li><a href="/registration">Register</a></li>
    <li><a class="active" href="/login">Home</a></li>
  </ul>
</div>
  <div class="login" >
    <div>
    </div>
```

```

    <!-- Main Input For Receiving Query to our ML -->
    <form action="{ { url_for('loginpage') }}"method="post">
        <input type="text" name="user" placeholder="Enter UserName"
required="required" style="color:black" />
        <input type="password" name="passw" placeholder="Enter Password"
required="required" style="color:black" />
        <button type="submit" class="btn btn-primary btn-block btn-
large">Login</button>

    </form>
<br><br>
<div style="color:black">
    {{ pred }}</div>
</div>

</body>
</html>

```

## Style.css

```

@import url(https://fonts.googleapis.com/css?family=Open+Sans);
.btn {
    display: inline-block;
    *display: inline;
    *zoom: 1; padding:
4px 10px 4px;
    margin-bottom: 0;
    font-size: 13px;
    line-height: 18px;
    color: #333333;
    text-align: center;
    text-shadow: 0 1px 1px rgba(255, 255, 255, 0.75);
    vertical-align: middle;
    background-color: #f5f5f5;
    background-image: -moz-linear-gradient(top, #ffffff, #e6e6e6);
    background-image: -ms-linear-gradient(top, #ffffff, #e6e6e6);
    background-image: -webkit-gradient(linear, 0 0, 0 100%, from(#ffffff),
to(#e6e6e6));
    background-image: -webkit-linear-gradient(top, #ffffff, #e6e6e6);
    background-image: -o-linear-gradient(top, #ffffff, #e6e6e6);
    background-image: linear-gradient(top, #ffffff, #e6e6e6);
    background-repeat: repeat-x;
}

```



```

    filter: progid:dximagetransform.microsoft.gradient(startColorstr=#ffffff,
endColorstr=#e6e6e6, GradientType=0);
    border-color: #e6e6e6 #e6e6e6 #e6e6e6;
    border-color: rgba(0, 0, 0, 0.1) rgba(0, 0, 0, 0.1) rgba(0, 0, 0, 0.25);
    border: 1px solid #e6e6e6;
    -webkit-border-radius: 4px;
    -moz-border-radius: 4px;
    border-radius: 4px;
    -webkit-box-shadow: inset 0 1px 0 rgba(255, 255, 255, 0.2), 0 1px 2px rgba(0,
0, 0, 0.05);
    -moz-box-shadow: inset 0 1px 0 rgba(255, 255, 255, 0.2), 0 1px 2px rgba(0, 0,
0, 0.05);
    box-shadow: inset 0 1px 0 rgba(255, 255, 255, 0.2), 0 1px 2px rgba(0, 0, 0,
0.05);
    cursor: pointer; *margin-left: .3em;
}

.btn:hover, .btn:active, .btn.active, .btn.disabled, .btn[disabled] { background-
color: #e6e6e6; }

.btn-large {
    padding: 9px 14px;
    font-size: 15px;
    line-height: normal;
    -webkit-border-radius: 5px;
    -moz-border-radius: 5px;
    border-radius: 5px;
}

.btn:hover {
    color: #333333;
    text-decoration: none;
    background-color: #e6e6e6;
    background-position: 0 -15px;
    -webkit-transition: background-position 0.1s linear;
    -moz-transition: background-position 0.1s linear;
    -ms-transition: background-position 0.1s linear;
    -o-transition: background-position 0.1s linear;
    transition: background-position 0.1s linear;
}

.btn-primary, .btn-primary:hover {
    text-shadow: 0 -1px 0 rgba(0, 0, 0, 0.25);
    color: #ffffff;
}

```

```
.btn-primary.active { color: rgba(255, 255, 255, 0.75); }

.btn-primary {
  background-color: #4a77d4;
  background-image: -moz-linear-gradient(top, #6eb6de, #4a77d4);
  background-image: -ms-linear-gradient(top, #6eb6de, #4a77d4);
  background-image: -webkit-gradient(linear, 0 0, 0 100%, from(#6eb6de),
to(#4a77d4));
  background-image: -webkit-linear-gradient(top, #6eb6de, #4a77d4);
  background-image: -o-linear-gradient(top, #6eb6de, #4a77d4);
  background-image: linear-gradient(top, #6eb6de, #4a77d4);
  background-repeat: repeat-x;
  filter: progid:dximagetransform.microsoft.gradient(startColorstr=#6eb6de,
endColorstr=#4a77d4, GradientType=0);
  border: 1px solid #3762bc;
  text-shadow: 1px 1px 1px rgba(0,0,0,0.4);
  box-shadow: inset 0 1px 0 rgba(255, 255, 255, 0.2), 0 1px 2px rgba(0, 0, 0,
0.5);
}

.btn-primary:hover, .btn-primary:active, .btn-primary.active, .btn-
primary.disabled, .btn-primary[disabled] {
  filter: none;
  background-color: #4a77d4;
}

.btn-block { width: 100%; display:block; }

* { -webkit-box-sizing:border-box; -moz-box-sizing:border-box; -ms-box-
sizing:border-box; -o-box-sizing:border-box; box-sizing:border-box; }

html { width: 100%; height:100%; overflow:hidden; }

body {
  width: 100%;
  height:100%;
  font-family: 'Open Sans', sans-serif;
  background: #ffffff;
  color: #000000;

  font-size: 18px;
  text-align:center;
  letter-spacing:1.2px;
}
```

```
}  
.header {  
    top:0;  
    margin:0px;  
    left: 0px;  
    right: 0px;  
    position: fixed;  
    background: #4a77d4;  
    color: white;  
    box-shadow: 0px 8px 4px grey;  
    overflow: hidden;  
    padding: 15px;  
    font-size: 1.5vw;  
    width: 100%;  
    text-align: center;  
}  
.login {  
    position: absolute;  
    top: 70%;  
    left: 50%;  
    margin: -25px 0 0 -150px;  
    width:400px;  
    height:400px;  
}  
  
.header div { color: #fff; text-shadow: 0 0 10px rgba(0,0,0,0.3); letter-  
spacing:1px; text-align:center; float:left; padding-left:150px;}  
  
ul {  
    list-style-type: none;  
    margin: 0;  
    padding: 0;  
    padding-right:150px;  
    overflow: hidden;  
}  
  
li {  
    float: right;  
}  
  
li a {  
    display: block;  
    color: white;
```

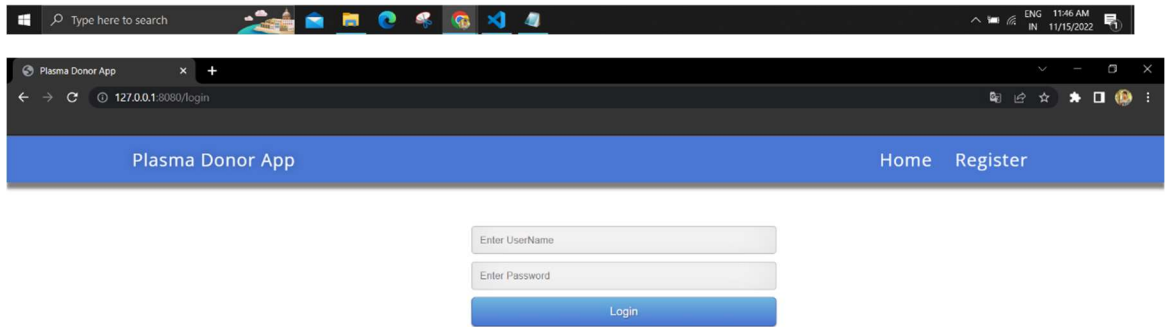
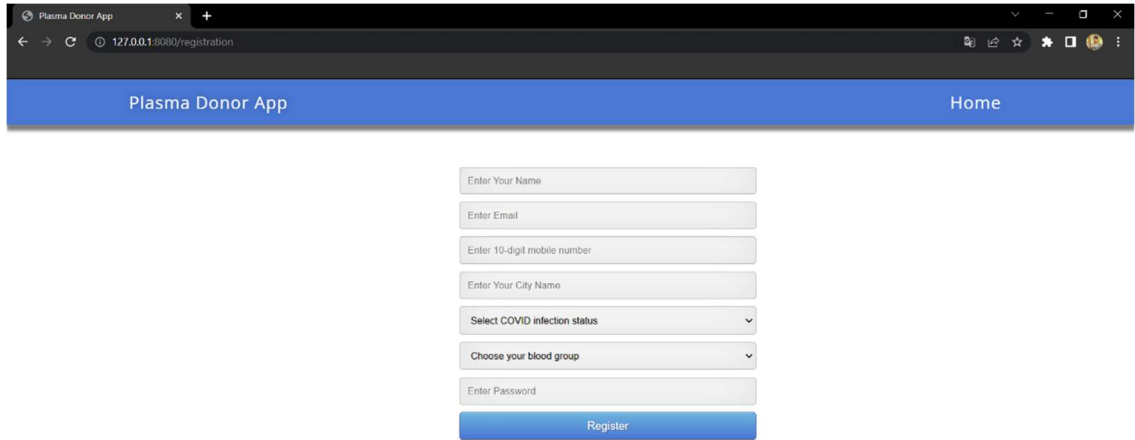
```
text-align: center;
padding: 0px 15px;
text-decoration: none;
}

input {
  width: 100%;
  margin-bottom: 10px;
  background: rgba(255,255,255,255);
  border: none;
  outline: none;
  padding: 10px;
  font-size: 13px;
  color: black;
  text-shadow: black;
  border: 1px solid rgba(0,0,0,0.3);
  border-radius: 4px;
  box-shadow: inset 0 -5px 45px rgba(100,100,100,0.2), 0 1px 1px
rgba(255,255,255,0.2);
  -webkit-transition: box-shadow .5s ease;
  -moz-transition: box-shadow .5s ease;
  -o-transition: box-shadow .5s ease;
  -ms-transition: box-shadow .5s ease;
  transition: box-shadow .5s ease;
}

input:focus { box-shadow: inset 0 -5px 45px rgba(100,100,100,0.4), 0 1px 1px
rgba(255,255,255,0.2); }

select {
  width: 100%;
  margin-bottom: 10px;
  background: rgba(255,255,255,255);
  border: none;
  outline: none;
  padding: 10px;
  font-size: 13px;
  color: #000000;
  text-shadow: 1px 1px 1px rgba(0,0,0,0.3);
  border: 1px solid rgba(0,0,0,0.3);
  border-radius: 4px;
  box-shadow: inset 0 -5px 45px rgba(100,100,100,0.2), 0 1px 1px
rgba(255,255,255,0.2);
  -webkit-transition: box-shadow .5s ease;
```

```
-moz-transition: box-shadow .5s ease;
-o-transition: box-shadow .5s ease;
-ms-transition: box-shadow .5s ease;
transition: box-shadow .5s ease;
}
```



IBM Db2 on Cloud

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

FDD69919.USER

Back

Export to CSV

NAME	EMAIL	PHONE	CITY	INFECT	BLOOD	PASSWORD
Ranjith M	ranjithmuthusamy44@gmail.com	8220413370	Namakkal	infected	B Positive	1901155
kishore	kishore.1901107@sec.ac.in	9894045457	Coimbatore	infected	O Positive	1901107

Type here to search

ENG 11:29 AM 11/15/2022

plasma doner app

File | C:/Users/Sabari/Desktop/assi2(3).html

Welcome to appliction

Type here to search

ENG 12:13 PM 11/15/2022