

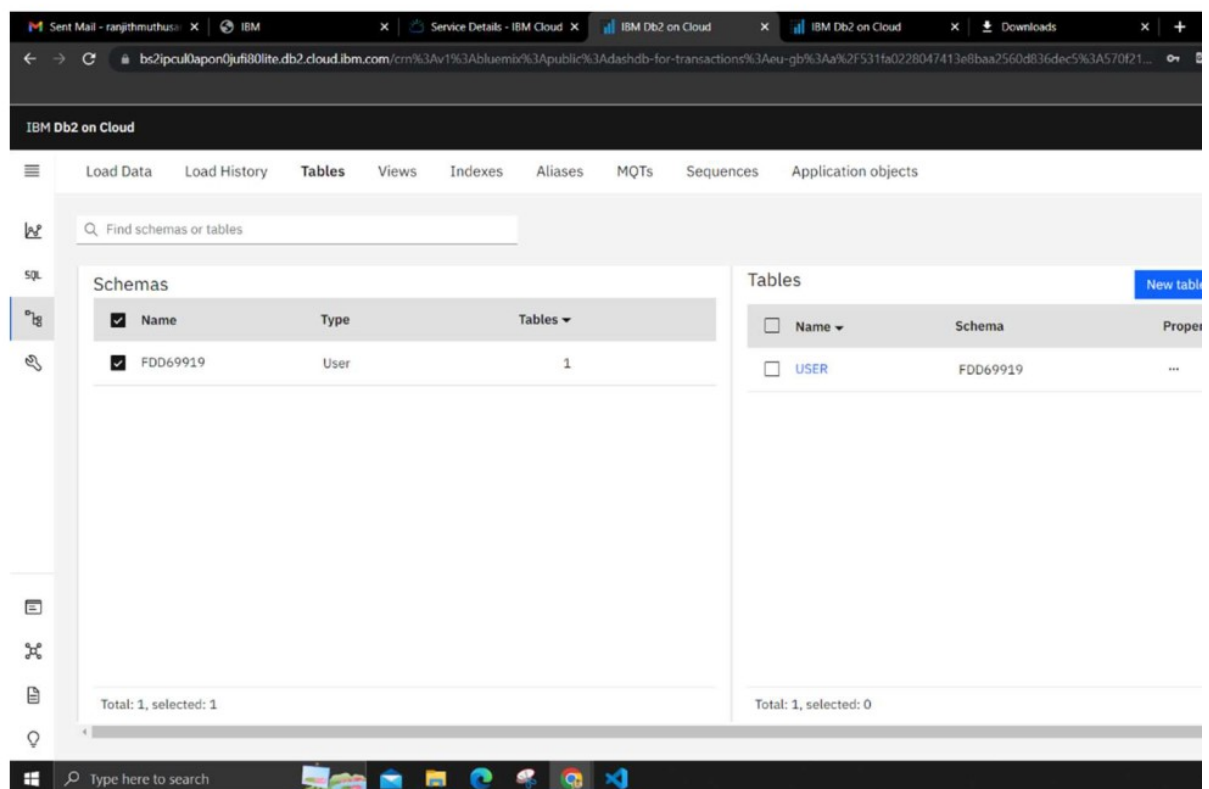
Assignment 2

Inventory Management for Retailers:

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



The screenshot shows the IBM Db2 on Cloud console interface. The 'Tables' tab is selected, displaying a list of tables. The 'USER' table is highlighted, and its definition is shown on the right. The table has columns: NAME, EMAIL, PHONE, CITY, INFECT, and BLOOD, all of type VARCHAR with a length of 32 and are nullable.

Name	Data type	Nullable	Length
NAME	VARCHAR	Y	32
EMAIL	VARCHAR	Y	32
PHONE	VARCHAR	Y	32
CITY	VARCHAR	Y	32
INFECT	VARCHAR	Y	32
BLOOD	VARCHAR	Y	32

2. Perform UPDATE, DELETE Queries with user table.

The screenshot shows the IBM Db2 on Cloud console interface with the SQL editor open. The editor contains the following SQL queries:

```

1 INSERT INTO PLASMA VALUES ('ranjith','ranjith@gmail.com',111111111,'namakkal','uninfected','b
2 INSERT INTO PLASMA VALUES ('kerthivasan','kerthivasan@gmail.com',222222222,'covai','infected'
3 INSERT INTO PLASMA VALUES ('kishorevv','kishorevv@gmail.com',333333333,'covai','uninfected','0
4 INSERT INTO PLASMA VALUES ('kishordk','kishordk@gmail.com',444444444,'theni','uninfected','0 n
5 update plasma set phone=1234567890 where name='ranjith';
6 delete from plasma where name='kishordk';

```

The History tab is also visible, showing a list of executed queries and their status.

Script	Date	Status	R
Untitled - 1	Nov 15, 2022 11:12:09 AM	2	0.
update plasma set phone=1234567890 where name='ranjith'		✓	0.
delete from plasma where name='kishordk'		✓	0.
Untitled - 1	Nov 15, 2022 11:09:57 AM	4	0.
INSERT INTO PLASMA VALUES ('ranjith','ranjith@gmail.com',111111111,'namak...		✓	0.
INSERT INTO PLASMA VALUES ('kerthivasan','kerthivasan@gmail.com',22222222...		✓	0.
INSERT INTO PLASMA VALUES ('kishorevv','kishorevv@gmail.com',333333333,'c...		✓	0.

IBM Db2 on Cloud

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

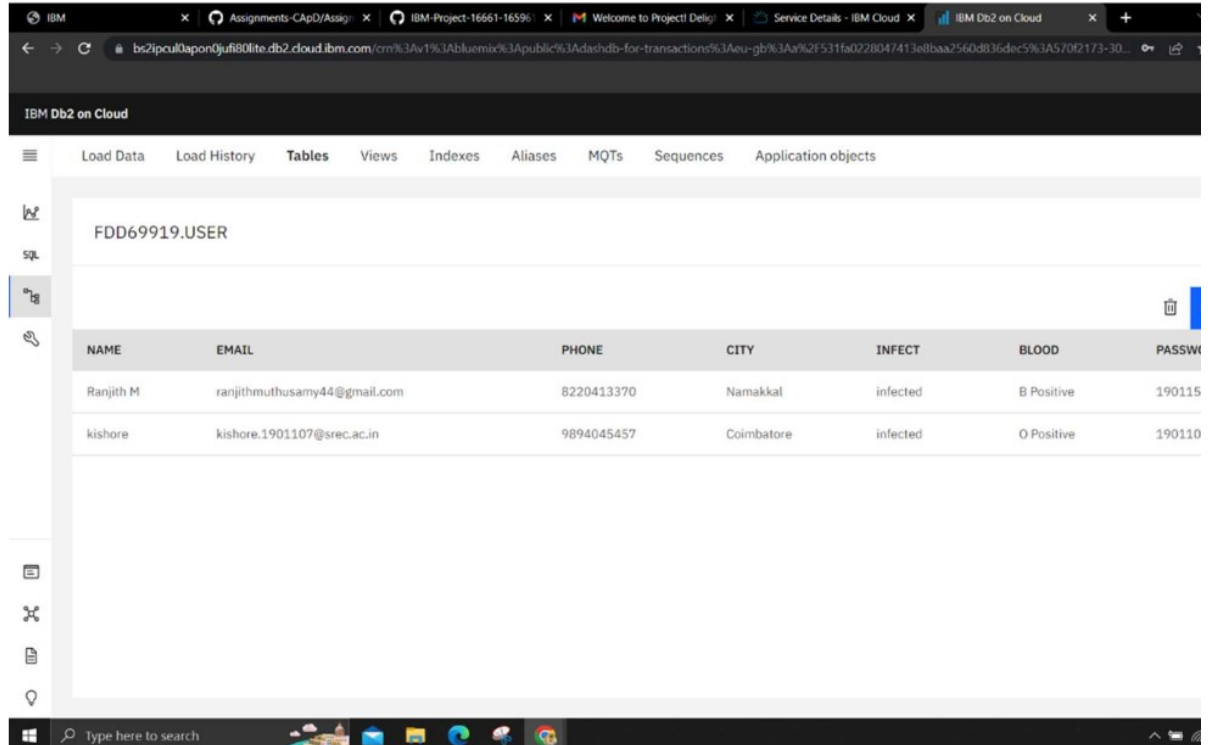
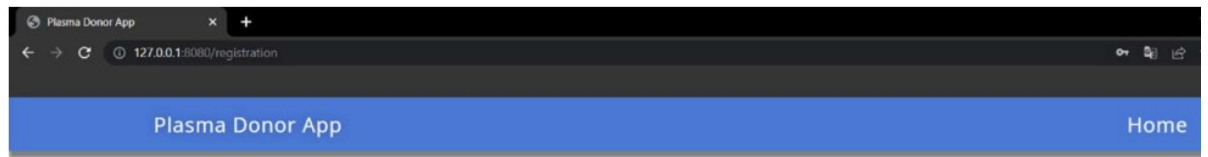
FDD69919.PLASMA

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

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=AIJ8l
eJp3OIE98qL","")
```



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;  
}
```



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



Enter UserName

Enter Password

Login

IBM Db2 on Cloud

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

FDD69919.USER

Back

Export to

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

Type here to search

plasma doner app

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

Welcome to appliotion

Type here to search