

## Sprint-1

Date	29 October 2022
Team ID	PNT2022TMID48338
Project Name	Smart Fashion Recommender Application
Maximum Marks	8 Marks

### Base.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- CSS only -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeu0xjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">
  <!-- JavaScript Bundle with Popper -->
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-
OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJua0e923+mo//f6V8Qbsw3" crossorigin="anonymous"></script>
  <title>Document</title>
  {%block head%}
  {%endblock%}
</head>
<body>
  {%block body%}
  {%endblock%}
</body>
</html>
```

## Login.html

```
{%extends "base.html"%}

{%block head%}

<form action="{{url_for('login')}}" method="POST">
    {%with messages = get_flashed_messages(with_categories=true)%}
        {%if messages%}
            {%for category,message in messages%}
                <div class="alert alert-{{category}}">{{message}}</div>
            {%endfor%}
        {%endif%}
    {%endwith%}
    <label for="E-mail">Enter your E-mail id:</label><br>
    <input type="email" id="mailid" name="mailid" class="form-control"><br>
    <label for="pswd">Password:</label><br>
    <input type="password" id="pswd" name="pswd" class="form-control"><br><br>
    <input type="submit" value="Login" class="btn btn-success btn-block">
    <a href="{{url_for('registration')}}" class="btn btn-primary btn-block"> Register </a>
</form>

{%endblock%}
```

Enter your E-mail id:

abcdefghijkl@gmail.com

Password:

.....

Login

Register

## Dashboard.html

```
{%extends "base.html"%}
{%block head%}
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Dashboard</title>
</head>
<body>
  <p>Hello {{session["mailid"]}}!!</p>
  <hr>
  <a href="{{url_for('logout')}}" class="btn btn-primary btn">Logout</a>
</body>
{%endblock%}
</html>
```

---

Hello abcdefghijk@gmail.com!!

---

Logout

## Registration.html

```
{% extends "base.html" %}

{%block head%}
<form action="{{url_for('addrec')}}" method="post">
  <div class="mb-3">
    <label class="form-label">Enter First Name</label>
    <input type="text" class="form-control" name="User_fname" aria-describedby="emailHelp">

  </div>
  <div class="mb-3">
    <label class="form-label">Enter Last Name</label>
    <input type="text" class="form-control" name="User_lname" aria-describedby="emailHelp">

  </div>
  <div class="mb-3">
    <label class="form-label">Email address</label>
```

```
    <input type="email" class="form-control" name="User_mailid" aria-describedby="emailHelp">

</div>
<div class="mb-3">
    <label class="form-label">Enter Password</label>
    <input type="password" class="form-control" name="User_pswd" aria-describedby="emailHelp">
</div>
<div class="mb-3">
    <label class="form-label">Enter Phone Number</label>
    <input type="number" class="form-control" name="User_phoneno" aria-describedby="emailHelp">
</div>
<button type="submit" class="btn btn-success btn-block">Register</button>
<a href="{{url_for('login')}}" class="btn btn-primary"> Back to login </a>
</form>
{%endblock%}
```

Enter First Name

Enter Last Name

Email address

Enter Password

Enter Phone Number

Register

Back to login

Enter First Name

Enter Last Name

Email address

Enter Password

Enter Phone Number

Register

Back to login

Record added successfully

Enter your E-mail id:

Password:

Login

Register

## App.py

```
from flask import Flask, render_template, session, url_for, redirect, flash, request
import ibm_db;
con=ibm_db.connect("DATABASE=bludb;HOSTNAME=2d46b6b4-cbf6-40eb-bbce-
6251e6ba0300.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=32328;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA
.crt;UID=bkj82229;PWD=KCwhio0Cb0XQmB5H",'','')

app = Flask(__name__);

app.secret_key="Secret";

@app.route("/")
def index():
    return render_template("index.html")

@app.route("/dashboard/", methods=['GET', 'POST'])
def dashboard():
    return render_template("dashboard.html")
```

```
@app.route("/logout")
def logout():
    session.clear()
    return redirect(url_for('login'))

@app.route("/login/", methods=['GET', 'POST'])
def login():
    if request.method=="GET":
        return render_template("login.html")

    elif request.method=="POST":
        User_mailid=request.form['mailid']
        User_pswd=request.form['pswd']

        sql="SELECT * FROM user_login WHERE User_mailid=? and User_pswd=?"
        stmt=ibm_db.prepare(con,sql)
        ibm_db.bind_param(stmt,1,User_mailid)
        ibm_db.bind_param(stmt,2,User_pswd)
        ibm_db.execute(stmt)
        data=ibm_db.fetch_assoc(stmt)

        if data:
            session["mailid"]= User_mailid
            return redirect(url_for("dashboard"))

        else:
            flash("E-mail & Password Mismatch","danger")

    return redirect(url_for("login"))
```



```
@app.route("/registration/")
def registration():
    return render_template("registration.html")

@app.route("/addrec/", methods=['GET', 'POST'])
def addrec():

    if request.method == 'POST':
        try:
            User_fname=request.form['User_fname'];
            User_lname=request.form['User_lname'];
            User_mailid=request.form['User_mailid'];
            User_pswd=request.form['User_pswd'];
            User_phoneno=request.form['User_phoneno'];

            sql="SELECT * FROM user_login WHERE User_mailid=?"
            stmt=ibm_db.prepare(con,sql)
            ibm_db.bind_param(stmt,1,User_mailid)
            ibm_db.execute(stmt)
            account=ibm_db.fetch_assoc(stmt)

            if account:
                flash("User already exists with the same email-id, Try another one", "danger")
                return redirect(url_for("login"))

            stmt="INSERT INTO user_login VALUES(?,?,?,?,?)"
            prep_stmt=ibm_db.prepare(con,stmt)

            ibm_db.bind_param(prepare_stmt,1,User_fname)
            ibm_db.bind_param(prepare_stmt,2,User_lname)
```

```

        ibm_db.bind_param(prepare_stmt,3,User_mailid)
        ibm_db.bind_param(prepare_stmt,4,User_pswd)
        ibm_db.bind_param(prepare_stmt,5,User_phoneno)

        ibm_db.execute(prepare_stmt)

        flash("Record added successfully", "success")
    except:

        flash("Error in Registration", "danger")

    return redirect(url_for("login"))

```

## db.py

```



import ibm_db;
con=ibm_db.connect("DATABASE=bludb;HOSTNAME=2d46b6b4-cbf6-40eb-bbce-
6251e6ba0300.bs2io90l08kqb1od8l1cg.databases.appdomain.cloud;PORT=32328;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA
.crt;UID=bkj82229;PWD=KCwhio0Cb0XQmB5H",'','')


sql_command="""CREATE TABLE user_login
(
    User_fname VARCHAR(20),
    User_lname VARCHAR(20),
    User_mailid VARCHAR(25),
    User_pswd VARCHAR(20),
    User_phoneno VARCHAR(13)
);"""









stmt= ibm_db.prepare(con,sql_command)
ibm_db.execute(stmt)


```



## Database connectivity

**IBM Db2 on Cloud**

 [Load Data](#) [Load History](#) **[Tables](#)** [Views](#) [Indexes](#) [Aliases](#) [MQTs](#) [Sequences](#) [Application objects](#)

BKJ82229.USER\_LOGIN

 [Export to CSV](#) 

USER_FNAME	USER_LNAME	USER_MAILID	USER_PSWD	USER_PHONENO
Catherine	S	cat@gmail.com	cat	12345
Kalai	T	Kalai@gmail.com	23456	12345
Kumaar	R	Kumaar@gmail.com	67890	12345
abcdefg	hijklmno	abcdefghijk@gmail.com	1234567890	0987654321
kalaivani	t	sabithakalai@gmail.com	fhnfghfgh	12345
kalaivani	vishnuram	sabithakalaivani@gmail.com	123456789	987654321