

Implementing Web Application

Date	1 November 2022
Team ID	PNT2022TMID17806
Project Name	Smart Fashion Recommender Application

Signup-login.html

```
<html>
<head>
<style>
body{
    margin:0;
    color:#6a6f8c;
    background:#c8c8c8;
    font:600 16px/18px 'Open Sans',sans-serif;
}
*,:after,:before{box-sizing:border-box}
.clearfix:after,.clearfix:before{content:"";display:table}
.clearfix:after{clear:both;display:block}
a{color:inherit;text-decoration:none}
.nn{
color:white;
}
.login-wrap{
    width:100%;
    margin:auto;
    max-width:525px;
    min-height:670px;
    position:relative;
```

```
background:url(https://raw.githubusercontent.com/khadkamhn/day-01-login-form/master/img/bg.jpg) no-repeat center;
```

```
box-shadow:0 12px 15px 0 rgba(0,0,0,.24),0 17px 50px 0 rgba(0,0,0,.19);
```

```
}
```

```
.login-html{
```

```
width:100%;
```

```
height:100%;
```

```
position:absolute;
```

```
padding:90px 70px 50px 70px;
```

```
background:rgba(40,57,101,.9);
```

```
}
```

```
.login-html .sign-in-htm,
```

```
.login-html .sign-up-htm{
```

```
top:0;
```

```
left:0;
```

```
right:0;
```

```
bottom:0;
```

```
position:absolute;
```

```
transform:rotateY(180deg);
```

```
backface-visibility:hidden;
```

```
transition:all .4s linear;
```

```
}
```

```
.login-html .sign-in,
```

```
.login-html .sign-up,
```

```
.login-form .group .check{
```

```
display:none;
```

```
}
```

```
.login-html .tab,
```

```
.login-form .group .label,
```

```
.login-form .group .button{
```

```
text-transform:uppercase;
```

```
}  
.login-html .tab{  
    font-size:22px;  
    margin-right:15px;  
    padding-bottom:5px;  
    margin:0 15px 10px 0;  
    display:inline-block;  
    border-bottom:2px solid transparent;  
}  
.login-html .sign-in:checked + .tab,  
.login-html .sign-up:checked + .tab{  
    color:#fff;  
    border-color:#1161ee;  
}  
.login-form{  
    min-height:345px;  
    position:relative;  
    perspective:1000px;  
    transform-style:preserve-3d;  
}  
.login-form .group{  
    margin-bottom:15px;  
}  
.login-form .group .label,  
.login-form .group .input,  
.login-form .group .button{  
    width:100%;  
    color:#fff;  
    display:block;  
}  
.login-form .group .input,
```

```
.login-form .group .button{
    border:none;
    padding:15px 20px;
    border-radius:25px;
    background:rgba(255,255,255,.1);
}

.login-form .group input[data-type="password"]{
    text-security:circle;
    -webkit-text-security:circle;
}

.login-form .group .label{
    color:#aaa;
    font-size:12px;
}

.login-form .group .button{
    background:#1161ee;
}

.login-form .group label .icon{
    width:15px;
    height:15px;
    border-radius:2px;
    position:relative;
    display:inline-block;
    background:rgba(255,255,255,.1);
}

.login-form .group label .icon:before,
.login-form .group label .icon:after{
    content:"";
    width:10px;
    height:2px;
    background:#fff;
```

```
        position:absolute;

        transition:all .2s ease-in-out 0s;
    }

    .login-form .group label .icon:before{

        left:3px;

        width:5px;

        bottom:6px;

        transform:scale(0) rotate(0);
    }

    .login-form .group label .icon:after{

        top:6px;

        right:0;

        transform:scale(0) rotate(0);
    }

    .login-form .group .check:checked + label{

        color:#fff;
    }

    .login-form .group .check:checked + label .icon{

        background:#1161ee;
    }

    .login-form .group .check:checked + label .icon:before{

        transform:scale(1) rotate(45deg);
    }

    .login-form .group .check:checked + label .icon:after{

        transform:scale(1) rotate(-45deg);
    }

    .login-html .sign-in:checked + .tab + .sign-up + .tab + .login-form .sign-in-htm{

        transform:rotate(0);
    }

    .login-html .sign-up:checked + .tab + .login-form .sign-up-htm{

        transform:rotate(0);
    }
```

```
}
```

```
.hr{
```

```
    height:2px;
```

```
    margin:60px 0 50px 0;
```

```
    background:rgba(255,255,255,.2);
```

```
}
```

```
.foot-lnk{
```

```
    text-align:center;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="login-wrap">
```

```
    <div class="login-html">
```

```
        <form action="/login" method="post">
```

```
            <input id="tab-1" type="radio" name="tab" class="sign-in" checked><label for="tab-1" class="tab">Sign In</label>
```

```
            <input id="tab-2" type="radio" name="tab" class="sign-up"><label for="tab-2" class="tab">Sign Up</label>
```

```
            <div class="login-form">
```

```
                <div class="sign-in-htm">
```

```
                    <div class="group">
```

```
                        <label for="nm" class="label">Username</label>
```

```
                        <input id="nm" name="nm" type="text" class="input">
```

```
                    </div>
```

```
                    <div class="group">
```

```
                        <label for="passi" class="label">Password</label>
```

```
                        <input id="passi" name="passi" type="password" class="input" data-type="password">
```

```
                    </div>
```

```

        <div class="group">
            <input id="check" type="checkbox" class="check" checked>
            <label for="check"><span class="icon"></span> Keep me
Signed in</label>

        </div>
        <div class="group">
            <input type="submit" class="button" value="Sign In">
        </div>
        <div class="hr"></div>
        <div class="foot-lnk">
            <a href="#forgot"><p
class="nn">{{msg}}</p></br></br>Forgot Password?</a>
        </div>
    </div>
</form>
<form action="/register" method="post">
<div class="sign-up-htm">
    <div class="group">
        <label for="nm" class="label">Username</label>
        <input id="nm" name="nm" type="text" class="input">
    </div>
    <div class="group">
        <label for="passi" class="label">Password</label>
        <input id="passi" name="passi" type="password"
class="input" data-type="password">
    </div>
    <div class="group">
        <label for="repassi" class="label">Repeat Password</label>
        <input id="repassi" name="repassi" type="password"
class="input" data-type="password">
    </div>
    <div class="group">

```

```

        <label for="email" class="label">Email Address</label>
        <input id="email" name="email" type="email"
class="input">

        </div>

        <div class="group">
            <input type="submit" class="button" value="Sign Up">
        </div>

        <div class="hr"></div>

        <div class="foot-lnk">
            <label for="tab-1">Already Member?</a>
        </div>

        </div>
    </form>
</div>
</div>
</form>
</body>

```

Admin.html

```

<html>
    <head>
        <link rel="stylesheet" href="\static\css\bootstrap.min.css">
        <script src="\static\js\bootstrap.bundle.min.js"></script>
        <script src="\static\js\bootstrap.min.js"></script>
    </head>
    <style>
        form {
            color: #1234ff;
            background-color: blanchedalmond;
            text-align: center;

```



```
font-size: 20;

font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Geneva,
Verdana, sans-serif;

font-weight: bold;
```

```
}

.button {

background-color: black; /* Green */

border: none;

color: white;

padding: 15px 32px;

text-align: center;

text-decoration: none;

display: inline-block;

font-size: 16px;

}
```

```
.button5 {border-radius: 50%;}
```

```
</style>
```

```
<body>
```

```
<p>
```

```
    <marquee width="100%" direction="left" height="50px" scrollamount="25"><h1
style="background-color:black; color:white">Welcome Admin You can manage your
shop!</h1></marquee></p>
```

```
<form action="/insert" method="post" enctype="multipart/form-data" >
```

```
    Image<input type="file" name="imgup" value="image" id="imgup" />
```

```
    <br><br>
```

```
    <label>Product Id <input type="text" id="pid" name="pid" /></label>
```

```
    <br><br>
```

```
    <label>Brand<input type="text" id="b1" name="b1" /></label>
```

```
    <br><br>
```

```
<label>Product Type <input type="text" id="pptype" name="pptype" /></label>

<br><br>

<label>Offer <input type="text" id="o1" name="o1" /></label>

<br><br>

<label>Price <input type="number" id="price" name="price" /></label>

<br><br>

<input type="submit" class="button button5" value="submit" name="submit" />

</form>

</p>

</body>

</html>
```

3.Base.html

```
<head>

<link rel="stylesheet" href="\static\css\bootstrap.min.css">

<script src="\static\js\bootstrap.bundle.min.js"></script>

<script src="\static\js\bootstrap.min.js"></script>

</head>

<body>

<div class="row py-5 g-5">

<div class="col-12 col-lg-6">



</div>

<div class="col-12 col-lg-6">

<h2 id="productName">Tara Dress</h2>

<small class="text-muted">Article: 06892</small>
```

```

<h4 class="my-4">
  Rs<span id="price">699</span></h4>
<label for="selectSize" class="text-muted">Size</label>
<select class="form-select" name="selectSize" id="size">
  <option selected>s</option>
  <option value="1">M</option>
  <option value="2">L</option>
  <option value="3">XL</option>
  <option value="4">XLL</option>

</select>
<div class="d-grid my-4">
  <button class="btn btn-lg btn-dark" type="button" id="bagBtn">Add To Bag</button>
</div>
<div class="accordion">
  <div class="accordion-item">
    <h2 class="accordion-header" id="headingOne">
      <button class="accordion-button" type="button" data-bs-toggle="collapse" data-bs-
target="#collapseOne"
      aria-expanded="true" aria-controls="collapseOne">
        <strong>Description</strong>
      </button>
    </h2>
    <div id="collapseOne" class="accordion-collapse collapse show" aria-
labelledby="headingOne">
      <div class="accordion-body">
        Tara is famous for its cute dresses with handmade embroidery patterns and high quality
fabrics in
        lovely designs that are comfortable for your little one to wear! Smocking dresses,
        skirt rompers, classic party frocks and beautiful children's casual dresses are part of the Tara
        collection. What's even better is that all the pieces are handmade by women through our
own self help

```

network developed over the last 40 years.

</div>

</div>

</div>

</div>

<div class="accordion-item">

<h2 class="accordion-header" id="headingTwo">

<button class="accordion-button collapsed" type="button" data-bs-toggle="collapse"
data-bs-target="#collapseTwo" aria-expanded="false" aria-controls="collapseTwo">

Availability In Store

</button>

</h2>

<div id="collapseTwo" class="accordion-collapse collapse" aria-
labelledby="headingTwo"></div>

</div>

</div>

</div>

</body>

4. Dashboard.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">

<title>Document</title>

```
<link rel="stylesheet" href="\static\css\bootstrap.min.css">
```

```
<script src="\static\js\bootstrap.bundle.min.js"></script>
```

```
<script src="\static\js\bootstrap.min.js"></script>
```

```
<style>
```

```
.navbar {
```

```
  z-index: 99;
```

```
}
```

```
.sliderFade {
```

```
  animation: fade 0.5s ease;
```

```
}
```

```
.sliderThumb,
```

```
.sliderMainImage {
```

```
  cursor: pointer;
```

```
}
```

```
@keyframes fade {
```

```
  0% {
```

```
    opacity: 0;
```

```
  }
```

```
  100% {
```

```
    opacity: 1;
```

```
  }
```

```
}
```

```
</style>
```

```
<script type="text/javascript">
```

```
  const reloadtButton = document.querySelector("#reload");
```

```
// Reload everything:
```

```
function reload() {
```

```

        reload = location.reload();
    }
    // Event listeners for reload
    reloadButton.addEventListener("click", reload, false);
    window.history.forward();

    function noBack()
    {
        window.history.forward();
    }
</script>
</head>

<body>
    <div id="carouselId" class="carousel slide" data-bs-ride="carousel">
        <ol class="carousel-indicators">
            <li data-bs-target="#carouselId" data-bs-slide-to="0" class="active" aria-current="true" aria-label="First slide">
            </li>
            <li data-bs-target="#carouselId" data-bs-slide-to="1" aria-label="Second slide"></li>
            <li data-bs-target="#carouselId" data-bs-slide-to="2" aria-label="Third slide"></li>
        </ol>
        <div class="carousel-inner" role="listbox">
            <div class="carousel-item active">
                
            </div>
            <div class="carousel-item">
                
    </div>

    <div class="carousel-item">

        

        </div>

    </div>

    <button class="carousel-control-prev" type="button" data-bs-target="#carouselId" data-bs-slide="prev">

        <span class="carousel-control-prev-icon" aria-hidden="true"></span>

        <span class="visually-hidden">Previous</span>

    </button>

    <button class="carousel-control-next" type="button" data-bs-target="#carouselId" data-bs-slide="next">

        <span class="carousel-control-next-icon" aria-hidden="true"></span>

        <span class="visually-hidden">Next</span>

    </button>

</div>

<nav class="navbar navbar-expand-sm navbar-light bg-light fixed-top">

    <div class="container">

        <a class="navbar-brand" href="#mens">Men's</a>

        <button class="navbar-toggler d-lg-none" type="button" data-bs-toggle="collapse"

            data-bs-target="#collapsibleNavId" aria-controls="collapsibleNavId" aria-expanded="false"

            aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

        </button>

        <div class="collapse navbar-collapse" id="collapsibleNavId">

            <ul class="navbar-nav me-auto mt-2 mt-lg-0">

                <li class="nav-item">

                    <a class="nav-link active" href="#" aria-current="page">Home <span

```

```
        class="visually-hidden">(current)</span></a>
    </li>
    <li class="nav-item">
        <a class="nav-link" href="#">Link</a>
    </li>
    <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" id="dropdownId" data-bs-toggle="dropdown"
aria-haspopup="true"
        aria-expanded="false">Dropdown</a>
        <div class="dropdown-menu" aria-labelledby="dropdownId">
            <a class="dropdown-item" href="#">Action 1</a>
            <a class="dropdown-item" href="#">Action 2</a>
        </div>
    </li>
</ul>
<form class="d-flex my-2 my-lg-0">
    <input class="form-control me-sm-2" type="text" placeholder="Search">
    <button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>
</form>
</div>
</div>
</nav>
```

```
<div class="row d-flex justify-content-center mt-5">
```

```
    <div class="card m-2" style="width:20%;">
        <a href="/base.html">
            </a>
        <div class="card-body">
            <p class="card-text fw-bold">
```


Tara Dress

</p>

<small class="text-secondary">

Rs.699

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

RB T shirt

</p>

<small class="text-secondary">

Rs.499

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

NightDress

</p>

<small class="text-secondary">

Rs.799

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Max mara pauline coat

</p>

<small class="text-secondary">

Rs.999

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Muschio flora

</p>

<small class="text-secondary">

Rs.699

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">


```
</a>
```

```
<div class="card-body">
```

```
<p class="card-text fw-bold">
```

```
Hola Bointa
```

```
</p>
```

```
<small class="text-secondary">
```

```
Rs.1999
```

```
</small>
```

```
</div>
```

```
</div>
```

```
<div class="card m-2" style="width:20%;">
```

```
<a href="./base.html">
```

```
</a>
```

```
<div class="card-body">
```

```
<p class="card-text fw-bold">
```

```
Harald max mara
```

```
</p>
```

```
<small class="text-secondary">
```

```
Rs. 1799
```

```
</small>
```

```
</div>
```

```
</div>
```

```
<div class="card m-2" style="width:20%;">
```

```
<a href="./base.html">
```

```
</a>
```

```
<div class="card-body">
```

```
<p class="card-text fw-bold">
```

```
Legins pant
```

```
</p>
```

```
<small class="text-secondary">  
    Rs. 1499  
</small>  
</div>  
</div>
```

```
<div class="card m-2" style="width:20%;">  
    <a href="/base.html">  
        </a>  
        <div class="card-body">  
            <p class="card-text fw-bold">  
                Brown silk velvet  
            </p>  
            <small class="text-secondary">  
                Rs. 1457  
            </small>  
        </div>
```

```
</div>
```

```
<div class="card m-2" style="width:20%;">  
    <a href="/base.html">  
        </a>  
        <div class="card-body">  
            <p class="card-text fw-bold">  
                Diana black and florida dress  
            </p>
```

<small class="text-secondary">

Rs. 2500

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Boys party wear

</p>

<small class="text-secondary">

Rs. 899

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Kids wedding dress

</p>

<small class="text-secondary">

Rs.1299

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Kids Party wear

</p>

<small class="text-secondary">

Rs.1899

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Cotton spring dress

</p>

<small class="text-secondary">

Rs. 699

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Mens full hand shirt

</p>

<small class="text-secondary">

Rs.699

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Mens Hoodies

</p>

<small class="text-secondary">

Rs.1399

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Coat cotton shirt

</p>

<small class="text-secondary">

Rs. 11699

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Full hand cotton Dress

</p>

<small class="text-secondary">

Rs. 1499

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

lycra shirt

</p>

<small class="text-secondary">

Rs.499

</small>

</div>

</div>

<div class="card m-2" style="width:20%;">

<div class="card-body">

<p class="card-text fw-bold">

Men designer fashion dress

</p>

<small class="text-secondary">

Rs. 2999

</small>

</div>

</div>

{% for product in products %}

```

<div class="card m-2" style="width:20%;">

  <a href="http://127.0.0.1:5500/templates/base.html">

    </a>

    <div class="card-body">

      <p class="card-text fw-bold">

        {{product[1]}}

      </p>

      <small class="text-secondary">

        Rs.{{product[5]}}

      </small>

    </div>

  </div>

  {% endfor %}

</div>

<a href="/base.html" class="btn btn-outline-dark my-5">View All Products</a>

<div class="d-flex justify-content-between align-items-center flex-column flex-lg-row my-5">

  <section class="my-5 mx-auto py-5" style="max-width: 25em;">

    <h2>Subscribe To Our Newsletter</h2>

    <form class="d-flex my-4">

      <input class="form-control me-2" type="email" placeholder="Your Email" />

      <button class="btn btn-outline-dark" type="submit">Subscribe</button>

    </form>

  </section>

</div>

<script>

```

```

window.watsonAssistantChatOptions = {
  integrationID: "eb2259f3-2f07-4f26-9490-245b15cec951", // The ID of this integration.
  region: "us-south", // The region your integration is hosted in.
  serviceInstanceID: "009a5aaa-148c-4708-8fa2-ce7e287f5bc9", // The ID of your service instance.
  onLoad: function (instance) { instance.render(); }
};

setTimeout(function () {
  const t = document.createElement('script');
  t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
  document.head.appendChild(t);
});
</script>
<footer class="d-flex justify-content-between my-5 text-start flex-wrap">
  <ul class="nav flex-column">
    <li class="fw-bold nav-item">
      <a href="#" class="nav-link text-dark">Product</a>

    </li>
    <li class="nav-item">
      <a href="#" class="nav-link text-muted">Clothing</a>
    </li>
  </ul>
</footer>
</body>

</html>

```

5.Logindb.py

```
# -*- coding: utf-8 -*-
```

!!!!

Created on Thu Oct 6 18:55:33 2022

@author: Rohith

!!!!

```
import ibm_boto3

from ibm_botocore.client import Config, ClientError

from collections import UserDict

from threading import activeCount

from turtle import st

import ibm_db

import ibm_db_dbi

import re

import io

from flask import Flask, redirect, session, url_for, request, render_template

COS_ENDPOINT="https://s3.jp-tok.cloud-object-storage.appdomain.cloud"

COS_API_KEY_ID="jTuq9SgGUGZ7PB3kbz8PO34PljfnvbC_w03eD0_MyzU4"

COS_INSTANCE_CRN="crn:v1:bluemix:public:cloud-object-
storage:global:a/76d200e982db41eabf28071cb42c5c4e:7de5a48d-85a5-4730-aeb0-
b8571a96124c::"


cos = ibm_boto3.resource("s3",
    ibm_api_key_id=COS_API_KEY_ID,
    ibm_service_instance_id=COS_INSTANCE_CRN,
    config=Config(signature_version="oauth"),
    endpoint_url=COS_ENDPOINT
)

app=Flask(__name__)

app.secret_key='a'
```

```

#print('hi')

conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=125f9f61-9715-46f9-9399-
c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30426;SECURITY=SSL;SSLS
erverCertificate=DigiCertGlobalRootCA.crt;UID=glv80047;PWD=VDWHzoVzcvVLbUVx;","")

@app.route('/')

def homer():

    return render_template('signuplogin.html')

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

def login():

    global userid

    msg=' '

    if request.method == 'POST':

        username=request.form['nm']

        password=request.form['passi']

        if(username=="123456" and password=="123456"):

            return render_template('admin.html',msg=msg)

        else:

            sql= "SELECT * FROM user where username=? AND password=?"

            stmt=ibm_db.prepare(conn, sql)

            ibm_db.bind_param(stmt,1,username)

            ibm_db.bind_param(stmt,2,password)

            ibm_db.execute(stmt)

            account=ibm_db.fetch_assoc(stmt)

            print(account)

            if account:

                session['Loggedin']=True

                session['id']=account['USERNAME']

                userid=account['USERNAME']

                session['username']=account['USERNAME']

```

```
msg='logged in successfully'
```

```
query="select * from product"
```

```
stmt=ibm_db.prepare(conn,query)
```

```
ibm_db.execute(stmt)
```

```
products=[]
```

```
while True:
```

```
    obj=ibm_db.fetch_tuple(stmt)
```

```
    if(obj):
```

```
        products.append(obj)
```

```
    else:
```

```
        break
```

```
print(products)
```

```
return render_template('dashboard.html',products=products)
```

```
else:
```

```
    msg='Incorrect user credentials'
```

```
    return render_template('signuplogin.html',msg=msg)
```

```
else:
```

```
    return render_template('signuplogin.html')
```

```
@app.route('/register',methods=['GET','POST'])
```

```
def register():
```

```
    msg=' '
```

```
    if request.method=='POST':
```

```
        username=request.form['nm']
```

```
        password=request.form['passi']
```

```
        repeatpass=request.form['repassi']
```

```
        email=request.form['email']
```

```
sql="SELECT * FROM user WHERE username=?"
```

```
stmt=ibm_db.prepare(conn,sql)
```

```

    ibm_db.bind_param(stmt,1,username)

    ibm_db.execute(stmt)

    account=ibm_db.fetch_assoc(stmt)

    print(account)

    if account:

        msg='Account already exists !'

    elif not re.match(r'^@]+@^[^@]+\.[^@]+',email):

        msg='Invalid email address and enter all details!'


    elif not re.match(r'[A-Za-z0-9]+', username):

        msg= 'name must contain only characters and numbers !'

    else:


        insert_sql="INSERT INTO user VALUES(?,?,?,?)"

        prep_stmt=ibm_db.prepare(conn,insert_sql)

        ibm_db.bind_param(prepare_stmt,1,username)

        ibm_db.bind_param(prepare_stmt,2,password)

        ibm_db.bind_param(prepare_stmt,3,repeatpass)

        ibm_db.bind_param(prepare_stmt,4,email)

        ibm_db.execute(prepare_stmt)


        msg='You have successfully registered !'

    elif request.method == 'POST':

        msg='Please fill out the form !'

    return render_template('signuplogin.html',msg=msg)

@app.route('/insert',methods=['GET','POST'])

def insert():

    msg=' '

    print("working1")

    if request.method=='POST':

        pname=request.form['b1']

```

```

pid=request.form['pid']
ptype=request.form['ptype']
offer=request.form['o1']
price=request.form['price']
sql="SELECT * FROM PRODUCT WHERE BRAND=?"
stmt=ibm_db.prepare(conn,sql)
ibm_db.bind_param(stmt,1,pname)
ibm_db.execute(stmt)
account=ibm_db.fetch_assoc(stmt)
print(account)
if account:
    msg='Product already exists !'

else:
    f = request.files['imgup']
    prod_img_name=f"img_{pid}"
    print(prod_img_name)
    try:
        part_size = 1024 * 1024 * 5

        file_threshold = 1024 * 1024 * 15

        transfer_config = ibm_boto3.s3.transfer.TransferConfig(
            multipart_threshold=file_threshold,
            multipart_chunksize=part_size
        )

        content = f.read()
        cos.Object('prieeass1', prod_img_name).upload_fileobj(
            Fileobj=io.BytesIO(content),
            Config=transfer_config

```



```
)
```

```
except ClientError as be:
```

```
    # print("CLIENT ERROR: {0}\n".format(be))
```

```
    return redirect(url_for('login'))
```

```
except Exception as e:
```

```
    # print("Unable to complete multi-part upload: {0}".format(e))
```

```
    return redirect(url_for('login'))
```

```
insert_sql="INSERT INTO product VALUES(?,?,?,?,?,?)"
```

```
prep_stmt=ibm_db.prepare(conn,insert_sql)
```

```
ibm_db.bind_param(prep_stmt,1,prod_img_name)
```

```
ibm_db.bind_param(prep_stmt,2,pname)
```

```
ibm_db.bind_param(prep_stmt,3,ptype)
```

```
ibm_db.bind_param(prep_stmt,4,offer)
```

```
ibm_db.bind_param(prep_stmt,5,pid)
```

```
ibm_db.bind_param(prep_stmt,6,price)
```

```
ibm_db.execute(prep_stmt)
```

```
msg='Product details successfully registered !'
```

```
elif request.method == 'POST':
```

```
    msg='Please fill out the form !'
```

```
    return render_template('signuplogin.html',msg=msg)
```

```
if __name__=='__main__':
```

```
    app.run()
```

Screen shots:







