|  |  |
| --- | --- |
| **Date** | 11 November 2022 |
| **Team ID** | PNT2022TMID05082 |
| **Project Name** | Inventory Management System |
| **Batch number** | B11-5A1E |

PROJECT DEVELOPMENT PHASE-SPRINT 1

# Login.html

<!{% extends 'base.html' %}

{% block head %}

<title>Login</title>

{% endblock %}

{% block body %}

{{ msg }}

<style>

.divider:after,

.divider:before { content: ""; flex:

1; height: 1px; background: #eee;

}

.h-custom { height: calc(100% - 73px);

}

@media (max-width: 450px) {

.h-custom { height: 100%;

}

}

.hlink{ text- decoration: none;

}

</style>

<section class="vh-100">

<div class="container-fluid h-custom">

<div class="row d-flex justify-content-center align-items-center h-100">

<div class="col-md-9 col-lg-6 col-xl-5">

<img src="static/img/vecteezy\_3d-face-lock-illustration\_12421761\_968.png" class="img-fluid" alt="Sample image">

</div>

<div class="col-md-8 col-lg-6 col-xl-4 offset-xl-1">

<form class="mx-1 mx-md-4" action="{{ url\_for('login') }}" method="post">

<div class="d-flex align-items-center mb-3 pb-1">

<span class="h1 fw-bold mb-0">Login</span>

</div>

<!-- Email input -->

<div class="form-outline mb-4">

<input type="email" name="email" value="" placeholder="Email ID" class="form-control" />

</div>

<!-- Password input -->

<div class="form-outline mb-3">

<input type="password" name="password" value="" placeholder="Password" class="form-control" />

</div>

<div class="text-center text-lg-start mt-4 pt-2">

<input type="submit" class="btn btn-primary btn-lg" style="width: 125px; display: block; margin-left: auto; margin-right:

auto;">

</div>

<p class="support-p" style="margin-top: 10px;">Don't have an Account?

<a href="/register" style="color: rgb(0, 0, 0); text-decoration: none;"><strong style="font-size: large;">Register</strong></a>

</p>

</form>

</div>

</div>

</div>

</section>

{% endblock %}

# mystyle.css

.right { display: block; float: right; color: blue;

}

.bg { background-image: url('pexels-francesco-ungaro- 281260.jpg'); background-position: center; background- repeat: no-repeat; background-size: cover;

}

# DASHBOARD

**Users.html**

{% extends 'dashboard/base.html' %}

{% block head %}

<title>Dashboard</title>

<style>

.container

{ padding: 20px; border: 2px 5px 5px 5px; border-color: #ffffff; border-width: 5px;

border-style: solid; text- align: center; border-

radius: 15px; box-

shadow: 1px 1px 10px 5px rgba(234, 234, 234, 0.844);

margin-bottom: 10px; margin-top: 10px; margin-left: 10px; margin-right: 15px;

background-color: #ffffff; transition: transform 1.0s ease

}

.container:hover

{ transform: scale(1.05);

}

</style>

{% endblock %}

{% block body %}

<div class="home-content">

<div class="overview-boxes">

<section class="catogories" >

<div class="container-fluid">

<div class="row">

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

<div class="row">

<div class="col-lg-6 col-md-6 col-12 p-1">

<div class="catagories\_item">

<div class="container">

<a href="/productlist" style="text-decoration: none; color: black">

<div class="box-topic">Products List

</div></a>

<a href="/productlist" style="text-decoration: none; color: black">

<img src="static/img/Cyber Monday-rafiki.png" class="img-fluid" width="350px">

</a>

</div>

</div>

</div>

<div class="col-lg-6 col-md-6 col-12 p-1">

<div class="catagories\_item">

<div class="container">

<a href="/addproduct" style="text-decoration: none; color: black">

<div class="box-topic">Add Products

</div></a>

<a href="/addproduct" style="text-decoration: none; color: black">

<img src="static/img/Add to Cart-rafiki.png" class="img-fluid" width="350px">

</a>

</div>

</div>

</div>

</div>

</div>

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

<div class="row">

<div class="col-lg-6 col-md-6 col-12 p-1">

<div class="catagories\_item">

<div class="container">

<a href="/movement" style="text-decoration: none; color: black">

<div class="box-topic">Products Movement

</div></a>

<a href="/movement" style="text-decoration: none; color: black"><img src="static/img/Add to Cart-amico.png" class="img-fluid" width="350px">

</a>

</div>

</div>

</div>

<div class="col-lg-6 col-md-6 col-12 p-1">

<div class="catagories\_item">

<div class="container">

<a href="/report" style="text-decoration: none; color: black">

<div class="box-topic">Product Report

</div></a>

<a href="/report" style="text-decoration: none; color: black">

<img src="static/img/Usability testing-pana.png" class="img-fluid" width="350px">

</a>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

</div>

</div>

{{msg}}

{% endblock %}

# special.html

{% extends 'dashboard/base.html' %}

{% block head %}

<title>List of Users</title>

{% endblock %}

{% block body %}

<link href="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/css/bootstrap.min.css" rel="stylesheet" id="bootstrap-css">

<div > </div>

<div class="home-content">

<div class="overview-boxes">

<section class="catogories" >

<div class="container-fluid">

<div class="row">

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

<div class="row">

<div class="col-lg-6 col-md-6 col-12 p-1">

<div class="catagories\_item">

</div>

</div>

<div class="col-lg-6 p-0" style=" margin-top: 25px;">

<div class="catagories\_item">

<div class="catagories\_item catagories\_large\_item" >

</div>

</div>

</div>

<div class="col-lg-6 col-md-6 col-12 p-1">

<div class="catagories\_item">

</div>

</div>

<div class="col-lg-6 col-md-6 col-12 p-1">

<div class="catagories\_item">

</div>

</div>

</div>

</div>

<div class="container register-form">

<div class="form">

<div class="d-flex align-items-center mb-3 pb-1">

{{msg}}

<span class="h1 fw-bold mb-0">Product List</span>

</div>

<table class="table table-hover">

<thead>

<tr>

<th>ID</th>

<th>PRODUCT NAME</th>

<th>QUANTITY</th>

<th>DATE</th>

</tr>

</thead>

{% for row in products %}

<tr>

<td>{{row["ID"]}}</td>

<td>{{row["PRODUCTNAME"]}}</td>

<td>{{row["QUANTITY"]}}</td>

<td>{{row["DATE"]}}</td>

</tr>

{% endfor %}

</table>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

{% endblock %}

# app.py

from turtle import st from flask import Flask, render\_template, request, redirect, url\_for, session from markupsafe import escape import ibm\_db

conn = ibm\_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954- 7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;SECURITY=SSL;SSLServerCertificate=DigiCertGlo

balRootCA.crt;UID=lkc93724;PWD=zAzNGa6DaNk6xvle",'','') import smtplib, ssl ## email.mime subclasses from email.mime.multipart import MIMEMultipart from email.mime.text import MIMEText

## The pandas library is only for generating the current date, which is not necessary for sending emails import pandas as pd app = Flask( name )

var\_list = [] app.secret\_key = 'your secret key' @app.route('/') def

home():

if not session.get("name"):

return render\_template('home.html') return render\_template('home.html', session = session) @app.route('/register') def

new\_student():

return render\_template('Register.html')

@app.route('/addrec',methods = ['POST', 'GET']) def addrec(): if request.method == 'POST': fname = request.form['fname'] lname = request.form['lname'] cname = request.form['cname'] state = request.form['state'] city = request.form['city'] mobileno = request.form['mobileno'] emailid = request.form['emailid'] password = request.form['password'] pincode = request.form['pincode'] sql = "SELECT \* FROM Users WHERE EMAILID =?"

stmt = ibm\_db.prepare(conn, sql) ibm\_db.bind\_param(stmt,1,emailid) ibm\_db.execute(stmt) account = ibm\_db.fetch\_assoc(stmt) if account: users = []

sql = "SELECT \* FROM Users"

stmt = ibm\_db.exec\_immediate(conn, sql) dictionary = ibm\_db.fetch\_both(stmt) while dictionary != False:

# print ("The Name is : ", dictionary) users.append(dictionary) dictionary = ibm\_db.fetch\_both(stmt) return render\_template('list.html', msg="You are already a member, please login using your details", users = users)

else:

var\_list.append(fname) var\_list.append(lname) var\_list.append(cname)

var\_list.append(state) var\_list.append(city) var\_list.append(mobileno) var\_list.append(emailid) var\_list.append(password) var\_list.append(pincode)

bodytemp = r'D:\IBM\GUIDED PROJECT\INVENTORY MANAGEMENT SYSTEM FOR RETAILERS\templates\email.html' with open(bodytemp, "r", encoding='utf-8') as f:

html= f.read()

# Set up the email addresses and password. Please replace below with your email address and password email\_from = 'padhu10a@gmail.com' epassword = 'rbjibzkssszsbrjo' email\_to = emailid

# Generate today's date to be included in the email Subject date\_str = pd.Timestamp.today().strftime('%Y-%m-%d')

# Create a MIMEMultipart class, and set up the From, To, Subject fields email\_message = MIMEMultipart() email\_message['From'] =

email\_from email\_message['To'] = email\_to email\_message['Subject'] = f'Report email - {date\_str}'

# Attach the html doc defined earlier, as a MIMEText html content type to the MIME message email\_message.attach(MIMEText(html, "html"))

# Convert it as a string email\_string = email\_message.as\_string() # Connect to the Gmail SMTP server and Send Email context = ssl.create\_default\_context() with smtplib.SMTP\_SSL("smtp.gmail.com", 465, context=context) as server:

server.login(email\_from, epassword) server.sendmail(email\_from, email\_to, email\_string) return render\_template('notify.html')

@app.route('/confirm') def confirnation():

insert\_sql = "INSERT INTO Users (FIRSTNAME, LASTNAME, COMPANYNAME, STATE, CITY, MOBILENO, EMAILID,

PASSWORD, PINCODE) VALUES (?,?,?,?,?,?,?,?,?)" prep\_stmt = ibm\_db.prepare(conn, insert\_sql) ibm\_db.bind\_param(prep\_stmt, 1, var\_list[0]) ibm\_db.bind\_param(prep\_stmt, 2, var\_list[1]) ibm\_db.bind\_param(prep\_stmt, 3, var\_list[2]) ibm\_db.bind\_param(prep\_stmt, 4, var\_list[3]) ibm\_db.bind\_param(prep\_stmt, 5, var\_list[4]) ibm\_db.bind\_param(prep\_stmt, 6, var\_list[5]) ibm\_db.bind\_param(prep\_stmt, 7, var\_list[6]) ibm\_db.bind\_param(prep\_stmt, 8,

var\_list[7]) ibm\_db.bind\_param(prep\_stmt, 9, var\_list[8]) ibm\_db.execute(prep\_stmt) return render\_template('confirm.html') @app.route('/login', methods =['POST', 'GET']) def login(): msg = ''

if request.method == 'POST' and 'email' in request.form and 'password' in request.form: email = request.form['email']

password = request.form['password']

sql = "SELECT \* FROM Users WHERE EMAILID =? AND PASSWORD =?"

stmt = ibm\_db.prepare(conn, sql) ibm\_db.bind\_param(stmt,1,email) ibm\_db.bind\_param(stmt,2,password) ibm\_db.execute(stmt) account = ibm\_db.fetch\_assoc(stmt) if account:

session['loggedin'] = True session['id'] = account['ID'] session['email'] = account['EMAILID'] session['name'] = account['FIRSTNAME'] msg = 'Logged in successfully !' return render\_template('home.html', msg = msg)

else:

msg = 'Incorrect email / password !' return render\_template('login.html', msg = msg) @app.route('/logout')

def logout(): session.pop('loggedin', None)

session.pop('id', None) session.pop('email', None) session.pop('name', None) return redirect(url\_for('home')) @app.route('/list') def list():

users = []

sql = "SELECT \* FROM Users" stmt = ibm\_db.exec\_immediate(conn, sql) dictionary = ibm\_db.fetch\_both(stmt) while dictionary != False: # print ("The Name is : ", dictionary) users.append(dictionary) dictionary = ibm\_db.fetch\_both(stmt) if users:

return render\_template("list.html", users = users , session = session) return "No users..."