

Date	29-October 2022
Team Id	PNT2022TMID44318
Project Name	Inventory Management System for Retailers
Batch No	B8-2A4E

## 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">
```

```
    
```

```
</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>

</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">
              
            </a>
          </div>
        </div>
      </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">
```

```

```

```
</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">
```



```
        </a>
    </div>
</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">
                
            </a>
        </div>
    </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>
    <div class="col-lg-6 col-md-6 col-12 p-1">
      <div class="catagories_item">
      </div>
    </div>
  </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']
mobilenno = request.form['mobilenno']  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(pincodes)

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 = 'rbjibzksssszsrjo'      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
confirmation():

    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(prepare_stmt, 1, var_list[0])    ibm_db.bind_param(prepare_stmt, 2, var_list[1])    ibm_db.bind_param(prepare_stmt, 3,
var_list[2])    ibm_db.bind_param(prepare_stmt, 4, var_list[3])    ibm_db.bind_param(prepare_stmt, 5, var_list[4])
ibm_db.bind_param(prepare_stmt, 6, var_list[5])    ibm_db.bind_param(prepare_stmt, 7, var_list[6])    ibm_db.bind_param(prepare_stmt, 8,

```

```

var_list[7])  ibm_db.bind_param(prepare_stmt, 9, var_list[8])  ibm_db.execute(prepare_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..."

```