

Date	11-November 2022
Team ID	PNT2022TMID44318
Project Name	Inventory Management System for Retailers
Batch number	B8-2A4E

## PROJECT DEVELOPMENT PHASE-SPRINT 3

### Products.html

```

<!doctype html>

<html class="no-js" lang="zxx">

<head>

    <meta charset="utf-8">

    <meta http-equiv="x-ua-compatible" content="ie=edge">

    <meta name="description" content="">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Bootstrap Css & Js -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

    <!-- CSS here -->

    <link href="static/css/mystyle.css" rel="Stylesheet" />

<style>

.shadow-demo {

width: 100px;

height: 100px;

```

```
background-color: #fff;
}
.shadow-demo-1 {
width: 100px;
height: 100px;
background-color: #ccc;
}
.shadow-demo-2 {
width: 100px;
height: 100px;
background-color: #000;
}
.mask-custom {
background-color: rgba(255, 255, 255, 0.2);
border-radius: 10;
border: 0;
background-clip: padding-box;
box-shadow: 10px 10px 10px rgba(46, 54, 68, 0.03);
}
.custom-1 {
backdrop-filter: blur(30px);
}
.custom-2 {
backdrop-filter: blur(60px);
}
.custom-3 {
backdrop-filter: blur(40px);
}
.custom-4 {
```

```
    backdrop-filter: blur(15px);
}
.custom-5 {
    backdrop-filter: blur(5px);
}

.mask-custom-1 {
    background-color: rgba(0, 0, 0, 0.2);
    border-radius: 20;
    border: 0;
    background-clip: padding-box;
    box-shadow: 10px 10px 10px rgba(46, 54, 68, 0.03);
}
.custom-6 {
    backdrop-filter: blur(30px);
}
.custom-7 {
    backdrop-filter: blur(60px);
}
.custom-8 {
    backdrop-filter: blur(40px);
}
.custom-9 {
    backdrop-filter: blur(15px);
}
.custom-10 {
    backdrop-filter: blur(5px);
}
</style>
```

```

<!-- JS here -->

{% block head %} {% endblock %}

<script>

    window.watsonAssistantChatOptions = {

        integrationID: "633fc278-0dda-417b-9c10-bd2f300b411a", // The ID of this integration.

        region: "jp-tok", // The region your integration is hosted in.

        serviceInstanceID: "b7ec50cd-af28-4bb0-aa53-52dc00c34d4e", // 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>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<div class="container-fluid">

    <a class="navbar-brand" href="/">IMS</a>

    <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas" data-bs-
target="#offcanvasNavbar" aria-controls="offcanvasNavbar">

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

    </button>

    <div class="offcanvas offcanvas-end" tabindex="-1" id="offcanvasNavbar" aria-
labelledby="offcanvasNavbarLabel">

        <div class="offcanvas-header">

            <h5 class="offcanvas-title" id="offcanvasNavbarLabel">Offcanvas</h5>

```

```
<button type="button" class="btn-close text-reset" data-bs-dismiss="offcanvas" aria-label="Close"></button>
```

```
</div>
```

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

```
<ul class="navbar-nav justify-content-end flex-grow-1 pe-3">
```

```
<li class="nav-item">
```

```
<a class="nav-link" aria-current="page" href="/">Home</a>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="/register" >Register</a>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="/login">Login</a>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="/list" >List</a>
```

```
</li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```
<!--
```

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

```
<div class="container-fluid">
```

```
Page navigation
```

```
<a class="nav-link" aria-current="page" href="/">Home</a>
```

```
<a class="nav-link" href="/register" >Register</a>
```

```
<a class="nav-link" href="/login">Login</a>
```

```
<a class="nav-link" href="/logout">Logout</a>
```

```
<a class="nav-link" href="/list" >List</a>

    <button class="navbar-toggler" type="button" data-bs-toggle="offcanvas" data-
bs-target="#offcanvasNavbar" aria-controls="offcanvasNavbar">

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

</button>

<div class="offcanvas offcanvas-end" tabindex="-1" id="offcanvasNavbar" aria-
labelledby="offcanvasNavbarLabel">

    <div class="offcanvas-header">

        <h5 class="offcanvas-title" id="offcanvasNavbarLabel">Offcanvas</h5>

        <button type="button" class="btn-close text-reset" data-bs-dismiss="offcanvas" aria-
label="Close"></button>

    </div>

    <div class="offcanvas-body">

        <ul class="navbar-nav justify-content-end flex-grow-1 pe-3">

            <li class="nav-item">

                <a class="nav-link" aria-current="page" href="/">Home</a>

            </li>

            <li class="nav-item">

                <a class="nav-link" href="/register" >Register</a>

            </li>

            <li class="nav-item">

                <a class="nav-link" href="/login">Login</a>

            </li>

            <li class="nav-item">

                <a class="nav-link" href="/logout">Logout</a>

            </li>

            <li class="nav-item">

                <a class="nav-link" href="/list" >List</a>

            </li>

            <li class="nav-item dropdown">
```

```
<a class="nav-link dropdown-toggle" href="#" id="offcanvasNavbarDropdown"
role="button" data-bs-toggle="dropdown" aria-expanded="false">
```

```
    Dropdown
```

```
</a>
```

```
<ul class="dropdown-menu" aria-labelledby="offcanvasNavbarDropdown">
```

```
    <li><a class="dropdown-item" href="#">Action</a></li>
```

```
    <li><a class="dropdown-item" href="#">Another action</a></li>
```

```
    <li>
```

```
        <hr class="dropdown-divider">
```

```
    </li>
```

```
    <li><a class="dropdown-item" href="#">Something else here</a></li>
```

```
</ul>
```

```
</li>
```

```
</ul>
```

```
<form class="d-flex">
```

```
    <input class="form-control me-2" type="search" placeholder="Search" aria-
label="Search">
```

```
    <button class="btn btn-outline-success" type="submit">Search</button>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</nav> -->
```

```
{% block body %} {% endblock %}
```

```
</body>
```

```
</html>
```

## Add product.html

```
<!DOCTYPE html >

<head>

  <meta charset="utf-8">

  <meta http-equiv="x-ua-compatible" content="ie=edge">

  <meta name="description" content="">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <!-- Bootstrap Css & Js -->

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">

  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>

  <style>

    html,body

    {

      height: 100%;

      margin: 0;

      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

    }

  </style>

  <!-- CSS here -->

  <link href="static/css/mystyle.css" rel="Stylesheet" />

<body>

  <div style="background-image: url('static/img/Secure login-rafiki.png');background-
position: center; background-repeat: no-repeat; background-size: contain; background-repeat:
no-repeat; height: 100%;">
```



```
<h1 class="display-6" style="text-align: center;">We have sent a confirmation mail to your  
registered E-mail.</h1>
```

```
<h1 class="display-6" style="text-align: center;"> Please confirm the mail to continue  
Registration.</h1>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Config.py

```
import datetime
import os
from dotenv import load_dotenv
load_dotenv()
basedir = os.path.abspath(os.path.dirname(__file__))
APP_SETTINGS = os.getenv('APP_SETTINGS', 'config.DevelopmentConfig')
class Config():
    EMAIL_CONFIRMATION_SENDER_EMAIL = os.getenv(
        'EMAIL_CONFIRMATION_SENDER_EMAIL')
    EMAIL_CONFIRMATION_SALT = 'email-confirmation'
    EMAIL_CONFIRMATION_TOKEN_MAX_AGE_SECONDS = 300
    JSON_SORT_KEYS = False
    JWT_ACCESS_TOKEN_EXPIRES = datetime.timedelta(minutes=60)
    SECRET_KEY = os.getenv('SECRET_KEY', os.urandom(32))
    SENDGRID_API_KEY = os.getenv('SENDGRID_API_KEY')
    SQLALCHEMY_TRACK_MODIFICATIONS = False
    WTF_CSRF_ENABLED = False
class DevelopmentConfig(Config):
    DEBUG = True
    JSON_SORT_KEYS = True
```

```

SQLALCHEMY_ECHO = True

SQLALCHEMY_DATABASE_URI = f'sqlite:/// {os.path.join(basedir, "app.db")}'

class ProductionConfig(Config):

    DEBUG = False

    SQLALCHEMY_DATABASE_URI = os.getenv('DB_URL')

```

## 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=DigiCertGlobalRootCA.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

from datetime import datetime

from flask import Flask

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\SPRINT 2\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 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('dashboard/dashboard.html', msg = msg)

        else:

            msg = 'Incorrect email / password !'

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

@app.route('/dashboard')
def dashboard():
    return render_template('dashboard/dashboard.html')

@app.route('/addproduct')
def addproduct():
    return render_template('dashboard/addproduct.html')

@app.route('/movement')

```

```

def movement():
    products = []
    sql = "SELECT * FROM Products WHERE HOLDERNAME = ?"
    prep_stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(prepare_stmt, 1, session['name'])
    ibm_db.execute(prepare_stmt)
    dictionary = ibm_db.fetch_both(prepare_stmt)
    while dictionary != False:
        # print ("The Name is : ", dictionary)
        products.append(dictionary)
        dictionary = ibm_db.fetch_both(prepare_stmt)
    if products:
        return render_template("dashboard/movement.html", products = products , session =
session)
    else:
        return render_template("dashboard/movement.html")
@app.route('/moveproc',methods = ['POST', 'GET'])
def moveproc():
    if request.method == 'POST':
        pname = request.form['pname']
        quantityout = request.form['quantityout']
        tow = request.form['to']
        insert_sql = "UPDATE products SET QUANTITYOUT = ?, TO = ? WHERE
PRODUCTNAME = ? AND HOLDERNAME = ?;"
        prep_stmt = ibm_db.prepare(conn, insert_sql)
        ibm_db.bind_param(prepare_stmt, 1,quantityout)
        ibm_db.bind_param(prepare_stmt, 2, tow)
        ibm_db.bind_param(prepare_stmt, 3, pname)
        ibm_db.bind_param(prepare_stmt, 4, session['name'])
        ibm_db.execute(prepare_stmt)

```

```

products = []

sql = "SELECT * FROM Products WHERE HOLDERNAME = ?"

prep_stmt = ibm_db.prepare(conn, sql)

ibm_db.bind_param(prepare_stmt, 1, session['name'])

ibm_db.execute(prepare_stmt)

dictionary = ibm_db.fetch_both(prepare_stmt)

while dictionary != False:

    # print ("The Name is : ", dictionary)

    products.append(dictionary)

    dictionary = ibm_db.fetch_both(prepare_stmt)

return render_template('dashboard/movement.html', msg = "Product movement noted!",
products = products)

@app.route('/report')

def report():

    return render_template('dashboard/report.html')

@app.route('/stockupdate')

def stock():

    products = []

    sql = "SELECT * FROM Products WHERE HOLDERNAME = ?"

    prep_stmt = ibm_db.prepare(conn, sql)

    ibm_db.bind_param(prepare_stmt, 1, session['name'])

    ibm_db.execute(prepare_stmt)

    dictionary = ibm_db.fetch_both(prepare_stmt)

    while dictionary != False:

        # print ("The Name is : ", dictionary)

        products.append(dictionary)

        dictionary = ibm_db.fetch_both(prepare_stmt)

    if products:

        return render_template("dashboard/stockupdate.html", products = products , session =
session)

```



```

else:

    return render_template("dashboard/stockupdate.html")

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

    id = request.args.get('pid')

    delete_sql = "DELETE FROM products WHERE ID = ? AND HOLDERNAME = ?;"

    prep_stmt = ibm_db.prepare(conn, delete_sql)

    ibm_db.bind_param(prepare_stmt, 1, id)

    ibm_db.bind_param(prepare_stmt, 2, session['name'])

    ibm_db.execute(prepare_stmt)

    products = []

    sql = "SELECT * FROM Products WHERE HOLDERNAME = ?"

    prep_stmt = ibm_db.prepare(conn, sql)

    ibm_db.bind_param(prepare_stmt, 1, session['name'])

    ibm_db.execute(prepare_stmt)

    dictionary = ibm_db.fetch_both(prepare_stmt)

    while dictionary != False:

        # print ("The Name is : ", dictionary)

        products.append(dictionary)

        dictionary = ibm_db.fetch_both(prepare_stmt)

    return render_template('dashboard/stockupdate.html', msg='Product successfully
deleted!' , products = products)

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

    if request.method == 'POST':

        pname = request.form['pname']

        quantityin = request.form['quantityin']

        pid = request.form['pid']

        update_sql = "UPDATE products SET PRODUCTNAME = ?, QUANTITYIN = ?
WHERE ID = ? AND HOLDERNAME = ?;"

```

```

    prep_stmt = ibm_db.prepare(conn, update_sql)
    ibm_db.bind_param(prep_stmt, 1, pname)
    ibm_db.bind_param(prep_stmt, 2, quantityin)
    ibm_db.bind_param(prep_stmt, 3, pid)
    ibm_db.bind_param(prep_stmt, 4, session['name'])
    ibm_db.execute(prep_stmt)

    products = []

    sql = "SELECT * FROM Products WHERE HOLDERNAME = ?"
    prep_stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(prep_stmt, 1, session['name'])
    ibm_db.execute(prep_stmt)

    dictionary = ibm_db.fetch_both(prep_stmt)
    while dictionary != False:
        # print ("The Name is : ", dictionary)
        products.append(dictionary)
        dictionary = ibm_db.fetch_both(prep_stmt)

    return render_template('dashboard/stockupdate.html', msg='Product successfully
updated!', products = products)

@app.route('/addproc',methods = ['POST', 'GET'])
def addproc():
    if request.method == 'POST':
        pname = request.form['pname']
        quantity = request.form['quantity']
        the_time = datetime.now()
        the_time = the_time.replace(second=0, microsecond=0)
        sql = "SELECT * FROM Products WHERE HOLDERNAME =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,session['name'])
        ibm_db.execute(stmt)

```

```

product = ibm_db.fetch_assoc(stmt)

if product:

    if product['PRODUCTNAME']==pname:

        return render_template('dashboard/addproduct.html', msg="Product already added!
Add a new product.")

    else:

        sql ="INSERT INTO Products
(PRODUCTNAME,QUANTITYIN,QUANTITYOUT,TO,DATE,HOLDERNAME)
VALUES (?,?,?,?,?,?);"

        prep_stmt = ibm_db.prepare(conn, sql)

        ibm_db.bind_param(prepare_stmt, 1, pname)

        ibm_db.bind_param(prepare_stmt, 2, quantity)

        ibm_db.bind_param(prepare_stmt, 3, ")

        ibm_db.bind_param(prepare_stmt, 4, ")

        ibm_db.bind_param(prepare_stmt, 5, str(the_time))

        ibm_db.bind_param(prepare_stmt, 6, session['name'])

        ibm_db.execute(prepare_stmt)

        return render_template('dashboard/addproduct.html', msg="Product added")

else:

    sql ="INSERT INTO Products
(PRODUCTNAME,QUANTITYIN,QUANTITYOUT,TO,DATE,HOLDERNAME)
VALUES (?,?,?,?,?,?);"

    prep_stmt = ibm_db.prepare(conn, sql)

    ibm_db.bind_param(prepare_stmt, 1, pname)

    ibm_db.bind_param(prepare_stmt, 2, quantity)

    ibm_db.bind_param(prepare_stmt, 3, ")

    ibm_db.bind_param(prepare_stmt, 4, ")

    ibm_db.bind_param(prepare_stmt, 5, str(the_time))

    ibm_db.bind_param(prepare_stmt, 6, session['name'])

    ibm_db.execute(prepare_stmt)

    return render_template('dashboard/addproduct.html', msg="Product added")

```

```

@app.route('/productlist')
def productlist():
    products = []

    sql = "SELECT * FROM Products WHERE HOLDERNAME = ?"

    prep_stmt = ibm_db.prepare(conn, sql)

    ibm_db.bind_param(prepare_stmt, 1, session['name'])

    ibm_db.execute(prepare_stmt)

    dictionary = ibm_db.fetch_both(prepare_stmt)

    while dictionary != False:

        # print ("The Name is : ", dictionary)

        products.append(dictionary)

        dictionary = ibm_db.fetch_both(prepare_stmt)

    if products:

        return render_template("dashboard/productlist.html", products = products , session =
session)

    else:

        return render_template("dashboard/productlist.html")

@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..."
```