Login.html

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

{% block head %}
   <title>Login</title>
{% endblock %}
{% block body %}
<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="https://imsbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/login.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">

<span style="color: red;">{{ msg }}</span>
                 <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 %}
```

DASHBOARD

Users.html

```
{% extends 'base.html' %}
{% block head %}
   <title>Register</title>

{% endblock %}
{% block body %}
<style>
</style>
<section class="catogories" >

<div class="container-fluid">
      <div class="row">
         <div class="col-lg-6 col-md-6 col-12 p-1">
                  <img src="https://imsbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/register.png" class="img-fluid" style="width: 500px; display:
block; margin-left: auto; margin-right: auto;">
            </div>
         <div class="col-lg-6 col-md-6 col-12 p-1" style="margin-top: 40px;">
           <div class="container register-form">
            <div class="form">
              <div class="d-flex align-items-center mb-3 pb-1">
                <span class="h1 fw-bold mb-0">Register</span>
              </div>
                <div class="form-content">
                  <form class="mx-1 mx-md-4" action = "{{ url_for('addrec') }}" method =
"POST">
                    <div class="row">
                       <div class="col-md-6">
                          <div class="flex-row align-items-center mb-4">
                            <input type="text" name="fname" value="" placeholder="First Name"
class="form-control" />
                          </div>
                         <div class="flex-row align-items-center mb-4">
```

```
                        <input type="text" name="cname" value="" placeholder="Company
Name" class="form-control" />
                      </div>
                      <div class="flex-row align-items-center mb-4">
                        <input type="text" name="city" value="" placeholder="City"
class="form-control" />
                      </div>
                      <div class="flex-row align-items-center mb-4">
                        <input type="text" name="mobileno" value="" placeholder="Mobile
Number" class="form-control" />
                      </div>
                      <div class="flex-row align-items-center mb-4">
                        <input type="password" name="password" value=""
placeholder="Enter Password" class="form-control" />
                      </div>
                    </div>
                    <div class="col-md-6">
                      <div class="flex-row align-items-center mb-4">
                        <input type="text" name="lname" value="" placeholder="Last Name"
class="form-control" />
                      </div>
                      <div class="flex-row align-items-center mb-4">
                        <input type="text" name="state" value="" placeholder="State"
class="form-control" />
                      </div>
                      <div class="flex-row align-items-center mb-4">
                        <input type="text" name="pincode" value="" placeholder="Pincode"
class="form-control" />
                      </div>
                      <div class="flex-row align-items-center mb-4">
                        <input type="email" name="emailid" value="" placeholder="Email ID"
class="form-control" />
                      </div>
                      <div class="flex-row align-items-center mb-4">
                        <input type="password" name="cpassword" value="" placeholder="Re-
type Password" class="form-control" />
                      </div>
                    </div>
                  </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;">
                    <p class="support-p">Already have an Account?
                      <a href="/login" style="color: black; text-decoration: none;"><strong
style="font-size: large;">Login</strong></a>
                    </p>
                  </div>
                  </form>
                </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=DigiCertGlobalRootCA.crt;UID=lkc93724;PWD=zAzNGa6Da
Nk6xvle",",")
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 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']
          return render_template('dashboard/dashboard.html')
        else:
            msg = 'Incorrect email / password !'
    return render_template('login.html', msg = msg)
@app.route('/dashboard')
def dashboard():
  if session['loggedin'] == True:
     return render_template('dashboard/dashboard.html')
  else:
    return redirect(url_for('home'))
@app.route('/addproduct')
def addproduct():
  if session['loggedin'] == True:
     return render_template('dashboard/addproduct.html')
  else:
    return redirect(url_for('home'))
@app.route('/movement')
def movement():
```

```
  if session['loggedin'] == True:
    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)
if products:
      return render_template("dashboard/movement.html", products = products , session =
session)
    else:
      return render_template("dashboard/movement.html")
  else:
    return redirect(url_for('home'))
@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(prep_stmt, 1,quantityout)
   ibm_db.bind_param(prep_stmt, 2, tow)
   ibm_db.bind_param(prep_stmt, 3, pname)
   ibm_db.bind_param(prep_stmt, 4, session['name'])
   ibm_db.execute(prep_stmt)
   select_sql="SELECT QUANTITYIN from PRODUCTS WHERE PRODUCTNAME = ?
AND HOLDERNAME = ?;"
   prep_stmt = ibm_db.prepare(conn, select_sql)
   ibm_db.bind_param(prep_stmt, 1, pname)
   ibm_db.bind_param(prep_stmt, 2, session['name'])
   ibm_db.execute(prep_stmt)
   outofstock = ibm_db.fetch_both(prep_stmt)
   if outofstock['QUANTITYIN'] <= int(quantityout):
     bodytemp = r"D:\IBM\GUIDED PROJECT\INVENTORY MANAGEMENT SYSTEM
FOR RETAILERS\SPRINT 4\templates\outofstock.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 = session['email']
     # Generate today's date to be included in the email Subject
```

```
      date_str = pd.Timestamp.today().strftime('%d-%m-%Y')
     # 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'Warning!!! {pname} - Out Of Stock - {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)
   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/movement.html', msg = "Product movement noted!",
products = products)
@app.route('/report')
def report():
  if session['loggedin'] == True:
    products = []
    stockonhand = []
    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)
  for i in products:
       calc = int((i['QUANTITYIN'])) - int(i['QUANTITYOUT'])
       stockonhand.append(str(calc))
    return render_template('dashboard/report.html', row_row1 =zip(products,stockonhand))
  else:
    return redirect(url_for('home'))
@app.route('/stockupdate')
def stock():
```

```
  if session['loggedin'] == True:
    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)
    if products:
      return render_template("dashboard/stockupdate.html", products = products , session =
session)
    else:
      return render_template("dashboard/stockupdate.html")
  else:
    return redirect(url_for('home'))
@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(prep_stmt, 1, id)
        ibm_db.bind_param(prep_stmt, 2, 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
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(prep_stmt, 1, pname)
            ibm_db.bind_param(prep_stmt, 2, quantity)
            ibm_db.bind_param(prep_stmt, 3, '0')
            ibm_db.bind_param(prep_stmt, 4, '')
            ibm_db.bind_param(prep_stmt, 5, str(the_time))
            ibm_db.bind_param(prep_stmt, 6, session['name'])
            ibm_db.execute(prep_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(prep_stmt, 1, pname)
            ibm_db.bind_param(prep_stmt, 2, quantity)
```

```
            ibm_db.bind_param(prep_stmt, 3, '0')
            ibm_db.bind_param(prep_stmt, 4, '')
            ibm_db.bind_param(prep_stmt, 5, str(the_time))
            ibm_db.bind_param(prep_stmt, 6, session['name'])
            ibm_db.execute(prep_stmt)
            return render_template('dashboard/addproduct.html', msg="Product added")
@app.route('/productlist')
def productlist():
  if session['loggedin'] == True:
    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)
    if products:
      return render_template("dashboard/productlist.html", products = products , session =
session)
    else:
      return render_template("dashboard/productlist.html")
  else:
    return redirect(url_for('home'))
@app.route('/contactsupport')
def contactsupport():
  if session['loggedin'] == True:
    return render_template('dashboard/contactsupport.html')
  else:
    return redirect(url_for('home'))
@app.route('/contactsup', methods = ['POST','GET'])
def contactsup():
  if request.method == 'POST':
      name = request.form['name']
      mobileno = request.form['mobileno']
      emailid = request.form['emailid']
      query = request.form['query']
      html = "<h1>Query from, </h1><br/><b>Name: </b>"+name+"<br/><b>Email ID:
</b>"+emailid+"<br/><b>Contact no: </b>"+mobileno+"<br/><b>Query:
</b><b>"+query+"</b>"
       # 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 = 'imsa3258@gmail.com'
        # 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'Query 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('dashboard/contactsupport.html', msg = "We have mailed your
query to our Support team! Soon they will reach you.")
@app.route('/feedback')
def feedback():
  if session['loggedin'] == True:
    return render_template('dashboard/feedback.html')
  else:
   return redirect(url_for('home'))
@app.route('/feedbackadd', methods = ['POST','GET'])
def feedbackadd():
  if request.method == 'POST':
    interface = request.form['interface']
    availability = request.form['availability']
    userfriendly = request.form['userfriendly']
    chatbot = request.form['chatbot']
    suggest = request.form['suggest']
    sql = "SELECT * FROM Feedback WHERE NAME =?"
    stmt = ibm_db.prepare(conn, sql)
    ibm_db.bind_param(stmt,1,session['name'])
    ibm_db.execute(stmt)
    account = ibm_db.fetch_assoc(stmt)
    if account:
      return render_template('dashboard/feedback.html', msg = "Your feedback was submitted
already.")
    else:
      ins_sql = "INSERT INTO Feedback
(interface,availability,userfriendly,chatbot,suggest,name) VALUES (?,?,?,?,?,?);"
      prep_stmt = ibm_db.prepare(conn, ins_sql)
      ibm_db.bind_param(prep_stmt, 1, interface)
      ibm_db.bind_param(prep_stmt, 2, availability)
      ibm_db.bind_param(prep_stmt, 3, userfriendly)
      ibm_db.bind_param(prep_stmt, 4, chatbot)
      ibm_db.bind_param(prep_stmt, 5, suggest)
      ibm_db.bind_param(prep_stmt, 6, session['name'])
      ibm_db.execute(prep_stmt)
```

```
        return render_template('dashboard/feedback.html', msg = "Your feedback was
submitted.")
@app.route('/logout')
def logout():
    session['loggedin'] = False
    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..."
```

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;
}
```

addproduct.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('https://imsbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/confirm_succ.png');background-position: center; background-
repeat: no-repeat; background-size: contain; background-repeat: no-repeat; height: 100%;">
       <div style="margin-top: 50px;">
       <h1 class="display-6" style="text-align: center;">Your Registration was
successful!</h1>
       <h1 class="display-6" style="text-align: center;">Now, Log In to your account </h1>
       </div>
       <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">
                 <div class="col-md-6">
                 <a href="/login">
                    <div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">
                    <button type="button" class="btn btn-primary btn-lg img-
fluid">Login</button></div></a>
                 </div>
              </div>
            </div>
          </div>
        </section>
   </div>
</body>
</html>
```

addmovement.html

```
{% extends 'base.html' %}
{% block head %}
   <title>List of Users</title>
{% endblock %}
{% block body %}
```

```
<!-- Hero Area Start-->
   {{ msg }}
   {{ session['name'] }}
    <table border = 1>
      <thead>
        <td>FISRT NAME</td>
        <td>LAST NAME</td>
        <td>COMPANY NAME</td>
        <td>STATE</td>
        <td>CITY</td>
        <td>MOBILENO</td>
        <td>EMAILID</td>
        <td>PASSWORD</td>
        <td>PINCODE</td>
      </thead>
      {% for row in users %}
        <tr>
          <td>{{row["FIRSTNAME"]}}</td>
          <td> {{ row["LASTNAME"]}}</td>
          <td>{{row["COMPANYNAME"]}}</td>
          <td>{{row['STATE']}}</td>
          <td>{{row["CITY"]}}</td>
          <td> {{ row["MOBILENO"]}}</td>
          <td>{{row["EMAILID"]}}</td>
          <td>{{row['PASSWORD']}}</td>
          <td>{{row['PINCODE']}}</td>
        </tr>
      {% endfor %}
    </table>
{% endblock %}
```

newgroup.html

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD XHTML 1.0 Transitional //EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xmlns:v="urn:schemas-microsoft-com:vml"
xmlns:o="urn:schemas-microsoft-com:office:office">
<head>
  <!--[if gte mso 9]>
<xml>
  <o:OfficeDocumentSettings>
    <o:AllowPNG/>
    <o:PixelsPerInch>96</o:PixelsPerInch>
  </o:OfficeDocumentSettings>
</xml>
<![endif]-->
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="x-apple-disable-message-reformatting">
  <!--[if !mso]><!-->
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

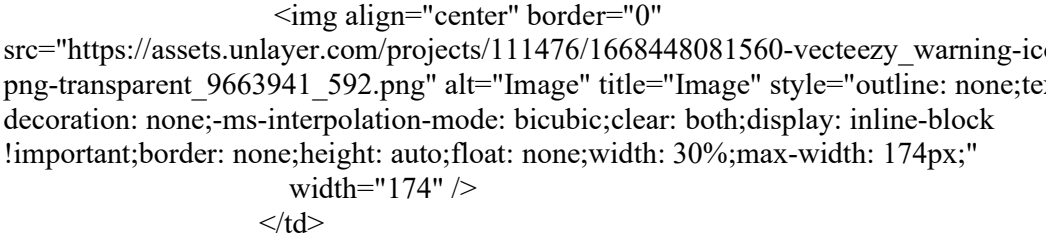
```
<!--<![endif]-->
<title></title>
<style type="text/css">
  @media only screen and (min-width: 620px) {
    .u-row {
      width: 600px !important;
    }
    .u-row .u-col {
      vertical-align: top;
    }
    .u-row .u-col-100 {
      width: 600px !important;
    }
  }
  @media (max-width: 620px) {
    .u-row-container {
      max-width: 100% !important;
      padding-left: 0px !important;
      padding-right: 0px !important;
    }
    .u-row .u-col {
      min-width: 320px !important;
      max-width: 100% !important;
      display: block !important;
    }
    .u-row {
      width: calc(100% - 40px) !important;
    }
    .u-col {
      width: 100% !important;
    }
    .u-col>div {
      margin: 0 auto;
    }
  }
  body {
    margin: 0;
    padding: 0;
  }
  table,
  tr,
  td {
    vertical-align: top;
    border-collapse: collapse;
  }
  p {
    margin: 0;
  }
.ie-container table,
  .mso-container table {
```

```
    table-layout: fixed;
   }
   * {
    line-height: inherit;
   }
   a[x-apple-data-detectors='true'] {
    color: inherit !important;
    text-decoration: none !important;
   }
   table,
   td {
    color: #000000;
   }
@media (max-width: 480px) {
    #u_column_3 .v-col-background-color {
     background-color: #3598db !important;
    }
   }
  </style>
  <!--[if !mso]><!-->
  <link href="https://fonts.googleapis.com/css?family=Cabin:400,700" rel="stylesheet"
type="text/css">
  <!--<![endif]-->
</head>
<body class="clean-body u_body" style="margin: 0;padding: 0;-webkit-text-size-adjust:
100%;background-color: #f9f9f9;color: #000000">
  <!--[if IE]><div class="ie-container"><![endif]-->
  <!--[if mso]><div class="mso-container"><![endif]-->
  <table style="border-collapse: collapse;table-layout: fixed;border-spacing: 0;mso-table-
lspace: 0pt;mso-table-rspace: 0pt;vertical-align: top;min-width: 320px;Margin: 0
auto;background-color: #f9f9f9;width:100%" cellpadding="0" cellspacing="0">
   <tbody>
    <tr style="vertical-align: top">
     <td style="word-break: break-word;border-collapse: collapse !important;vertical-align:
top">
      <!--[if (mso)|(IE)]><table width="100%" cellpadding="0" cellspacing="0"
border="0"><tr><td align="center" style="background-color: #f9f9f9;"><![endif]-->
      <div class="u-row-container" style="padding: 0px;background-color: transparent">
       <div class="u-row" style="Margin: 0 auto;min-width: 320px;max-width:
600px;overflow-wrap: break-word;word-wrap: break-word;word-break: break-
word;background-color: #ffffff;">
        <div style="border-collapse: collapse;display: table;width: 100%;height:
100%;background-color: transparent;">
         <!--[if (mso)|(IE)]><table width="100%" cellpadding="0" cellspacing="0"
border="0"><tr><td style="padding: 0px;background-color: transparent;"
align="center"><table cellpadding="0" cellspacing="0" border="0"
style="width:600px;"><tr style="background-color: #ffffff;"><![endif]-->
         <!--[if (mso)|(IE)]><td align="center" width="600" class="v-col-background-
color" style="width: 600px;padding: 0px;border-top: 0px solid transparent;border-left: 0px
```

```
solid transparent;border-right: 0px solid transparent;border-bottom: 0px solid transparent;"
valign="top"><![endif]-->
            <div class="u-col u-col-100" style="max-width: 320px;min-width: 600px;display:
table-cell;vertical-align: top;">
              <div class="v-col-background-color" style="height: 100%;width: 100%
!important;">
                <!--[if (!mso)&(!IE)]><!-->
                <div style="height: 100%; padding: 0px;border-top: 0px solid
transparent;border-left: 0px solid transparent;border-right: 0px solid transparent;border-
bottom: 0px solid transparent;">
                  <!--<![endif]-->
                  <table style="font-family:'Cabin',sans-serif;" role="presentation"
cellpadding="0" cellspacing="0" width="100%" border="0">
                    <tbody>
                      <tr>
                        <td style="overflow-wrap:break-word;word-break:break-
word;padding:0px;font-family:'Cabin',sans-serif;" align="left">
                          <table width="100%" cellpadding="0" cellspacing="0" border="0">
                            <tr>
                              <td style="padding-right: 0px;padding-left: 0px;" align="right">
                                <img align="right" border="0"
src="https://assets.unlayer.com/projects/111476/1668447888843-Warning-cuate.png"
alt="Image" title="Image" style="outline: none;text-decoration: none;-ms-interpolation-
mode: bicubic;clear: both;display: inline-block !important;border: none;height: auto;float:
none;width: 100%;max-width: 600px;"
                                  width="600" />
                              </td>
                            </tr>
                          </table>
                        </td>
                      </tr>
                    </tbody>
                  </table>
                  <!--[if (!mso)&(!IE)]><!-->
                </div>
                <!--<![endif]-->
              </div>
            </div>
            <!--[if (mso)|(IE)]></td><![endif]-->
            <!--[if (mso)|(IE)]></tr></table></td></tr></table><![endif]-->
          </div>
        </div>
      </div>
      <div class="u-row-container" style="padding: 0px;background-color: transparent">
        <div class="u-row" style="Margin: 0 auto;min-width: 320px;max-width:
600px;overflow-wrap: break-word;word-wrap: break-word;word-break: break-
word;background-color: #003399;">
          <div style="border-collapse: collapse;display: table;width: 100%;height:
100%;background-color: transparent;">
```

<!--[if (mso)|(IE)]><table width="100%" cellpadding="0" cellspacing="0" border="0"><tr><td style="padding: 0px;background-color: transparent;" align="center"><table cellpadding="0" cellspacing="0" border="0" style="width:600px;"><tr style="background-color: #003399;"><![endif]-->
<!--[if (mso)|(IE)]><td align="center" width="600" class="v-col-background-color" style="background-color: #3598db;width: 600px;padding: 0px;border-top: 0px solid transparent;border-left: 0px solid transparent;border-right: 0px solid transparent;border-bottom: 0px solid transparent;" valign="top"><![endif]-->

<!--[if (!mso)&(!IE)]><!-->

<!--<![endif]-->
<table style="font-family:'Cabin',sans-serif;" role="presentation" cellpadding="0" cellspacing="0" width="100%" border="0">
<tbody>
<tr>
<td style="overflow-wrap:break-word;word-break:break-word;padding:40px 10px 10px;font-family:'Cabin',sans-serif;" align="left">
<table width="100%" cellpadding="0" cellspacing="0" border="0">
<tr>
<td style="padding-right: 0px;padding-left: 0px;" align="center">


</td>
</tr>
</table>
</td>
</tr>
</tbody>
</table>
<table style="font-family:'Cabin',sans-serif;" role="presentation" cellpadding="0" cellspacing="0" width="100%" border="0">
<tbody>
<tr>
<td style="overflow-wrap:break-word;word-break:break-word;padding:10px;font-family:'Cabin',sans-serif;" align="left">

WARNING

```
                    </td>
                   </tr>
                  </tbody>
                 </table>
                 <table style="font-family:'Cabin',sans-serif;" role="presentation"
cellpadding="0" cellspacing="0" width="100%" border="0">
                  <tbody>
                   <tr>
                    <td style="overflow-wrap:break-word;word-break:break-word;padding:0px
10px 31px;font-family:'Cabin',sans-serif;" align="left">
                     <div style="color: #e5eaf5; line-height: 140%; text-align: center; word-
wrap: break-word;">
                      <p style="font-size: 14px; line-height: 140%;"><span style="font-size:
24px; line-height: 33.6px;"><strong>You are <span style="color: #000000; font-size: 24px;
line-height: 33.6px;">Out of Stock !</span></strong>
                       </span>
                      </p>
                     </div>
                    </td>
                   </tr>
                  </tbody>
                 </table>
                 <!--[if (!mso)&(!IE)]><!-->
                </div>
                <!--<![endif]-->
               </div>
              </div>
              <!--[if (mso)|(IE)]></td><![endif]-->
              <!--[if (mso)|(IE)]></tr></table></td></tr></table><![endif]-->
             </div>
            </div>
           </div>
           <div class="u-row-container" style="padding: 0px;background-color: transparent">
            <div class="u-row" style="Margin: 0 auto;min-width: 320px;max-width:
600px;overflow-wrap: break-word;word-wrap: break-word;word-break: break-
word;background-color: #ffffff;">
             <div style="border-collapse: collapse;display: table;width: 100%;height:
100%;background-color: transparent;">
              <!--[if (mso)|(IE)]><table width="100%" cellpadding="0" cellspacing="0"
border="0"><tr><td style="padding: 0px;background-color: transparent;"
align="center"><table cellpadding="0" cellspacing="0" border="0"
style="width:600px;"><tr style="background-color: #ffffff;"><![endif]-->
              <!--[if (mso)|(IE)]><td align="center" width="600" class="v-col-background-
color" style="background-color: #000000;width: 600px;padding: 0px;border-top: 0px solid
transparent;border-left: 0px solid transparent;border-right: 0px solid transparent;border-
bottom: 0px solid transparent;" valign="top"><![endif]-->
              <div class="u-col u-col-100" style="max-width: 320px;min-width: 600px;display:
table-cell;vertical-align: top;">
               <div class="v-col-background-color" style="background-color: #000000;height:
100%;width: 100% !important;">
```

<!--[if (!mso)&(!IE)]><!-->

<!--<![endif]-->
<table style="font-family:'Cabin',sans-serif;" role="presentation" cellpadding="0" cellspacing="0" width="100%" border="0">
<tbody>
<tr>
<td style="overflow-wrap:break-word;word-break:break-word;padding:33px 55px;font-family:'Cabin',sans-serif;" align="left">

Please order new stocks to get rid of the out-of-stock.

</td>
</tr>
</tbody>
</table>
<table style="font-family:'Cabin',sans-serif;" role="presentation" cellpadding="0" cellspacing="0" width="100%" border="0">
<tbody>
<tr>
<td style="overflow-wrap:break-word;word-break:break-word;padding:33px 55px 60px;font-family:'Cabin',sans-serif;" align="left">

Post queries in the Contact Support for further clearance!

Thank you!

</td>
</tr>
</tbody>
</table>
<!--[if (!mso)&(!IE)]><!-->

<!--<![endif]-->

<!--[if (mso)|(IE)]></td><![endif]-->
<!--[if (mso)|(IE)]></tr></table></td></tr></table><![endif]-->

```
          </div>
        </div>
        <!--[if (mso)|(IE)]></td></tr></table><![endif]-->
      </td>
    </tr>
  </tbody>
 </table>
 <!--[if mso]></div><![endif]-->
 <!--[if IE]></div><![endif]-->
</body>
</html>
```

productmovement.html

```
{% extends 'dashboard/base.html' %}
{% block head %}
  <title>Stock Update</title>
  <link href="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/css/bootstrap.min.css"
rel="stylesheet" id="bootstrap-css">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
  <script type="text/javascript">
  </script>
  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"
crossorigin="anonymous"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
{% endblock %}
{% block body %}
  <div class="home-content">
    <div class="overview-boxes">
    <h1 style="font-size: 40px;" class="fw-bold mb-0">Stock Update</h1>
                <br>
                <h3> {{msg}}</h3>
                  <table class="table table-hover">
                    <thead>
                      <tr>
                        <th style="font-size: 15px;">PRODUCT NAME</th>
```

```
                    <th style="font-size: 15px;">QUANTITY IN</th>
                    <th colspan="2" style="text-align: center; font-size:
15px;">ACTIONS</th>
                  </tr>
                </thead>
                {% for row in products %}
                  <tr>
                    <td style="font-size: 15px;">{{row["PRODUCTNAME"]}}</td>
                    <td style="font-size: 15px;">{{row["QUANTITYIN"]}}</td>
                    <!-- <td><a href="{{ url_for('proc_update',pid=row['ID']) }}"
onclick="return confirm('Do you want to update {{ row.PRODUCTNAME }}');" style="text-
decoration: none;"><button class="btn btn-info btn-sm" type="submit" style="display: block;
margin-left: auto; margin-right: 1px;">Update</button></a></td> -->
                    <td> <!-- add Modal code-->
                    <button type="button" class="btn btn-info" data-toggle="modal" data-
target="#exampleModal{{row.ID}}" style="display: block; margin-left: auto; margin-right:
1px;">
                      Update</button>
                      <div class="modal fade" id="exampleModal{{row.ID}}" tabindex="-1"
role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true" style="margin-
top:150px;">
                        <div class="modal-dialog" role="document">
                          <div class="modal-content">
                            <div class="modal-header">
                              <h3 class="modal-title" id="exampleModalLabel" style="font-
weight: bold;">Update Product</h3>
                              <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
                                <span aria-hidden="true">&times;</span>
                              </button>
                            </div>
                            <div id="modal-cont" class="modal-body" >
                              <form  action="{{ url_for('proc_update') }}" method="POST">
                                <div class="prodname">
                                  <input type="hidden" name="pid" value="{{row.ID}}"/>
                                  <label style="font-size: 15px;">Product name</label>
                                  <input style="font-size: 15px;" name="pname" type="text"
class="form-control input-number" value="{{row.PRODUCTNAME}}"  />
                                  <br>
                                  <label style="font-size: 15px;">Quantity</label>
                                  <input style="font-size: 15px;" name="quantityin" type="text"
class="form-control input-number"  />
                                  <input type="submit" name="Update" class="btn btn-primary
btn-lg form-control input-number" style="width: 125px; display: block; margin-top: 50px;
margin-left: auto; margin-right: auto;">
                                </div>
                            </div>
                            <div class="modal-footer">
                              <button type="button" class="btn btn-secondary" data-
dismiss="modal">Cancel</button>
```

```
                                <div >
                                </div>
                               </div>
                              </form>
                              </div>
                             </div>
                            </div>
                            <!--end of modal design--></td>
                          <td><a href="{{ url_for('proc_delete',pid=row['ID']) }}" onclick="return
confirm('Do you want to permanently delete {{ row.PRODUCTNAME }}');"><button
class="btn btn-danger" type="submit">Delete</button></a></td>
                        </tr>
                       {% endfor %}
                      </table>
                    </div>
                    </div>
     </div>
    </div>
  {% endblock %}
```

newuser.html

```
{% extends 'dashboard/base.html' %}
{% block head %}
    <title>Stock Update</title>
    <link href="//maxcdn.bootstrapcdn.com/bootstrap/3.3.0/css/bootstrap.min.css"
rel="stylesheet" id="bootstrap-css">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
    <script type="text/javascript">
    </script>
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"
crossorigin="anonymous"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
{% endblock %}
{% block body %}
```

```
   <div class="home-content">
    <div class="overview-boxes">
    <h1 style="font-size: 40px;" class="fw-bold mb-0">Stock Update</h1>
                <br>
                <h3> {{msg}}</h3>
                  <table class="table table-hover">
                    <thead>
                      <tr>
                        <th style="font-size: 15px;">PRODUCT NAME</th>
                        <th style="font-size: 15px;">QUANTITY IN</th>
                        <th colspan="2" style="text-align: center; font-size:
15px;">ACTIONS</th>
                      </tr>
                    </thead>
                    {% for row in products %}
                      <tr>
                        <td style="font-size: 15px;">{{row["PRODUCTNAME"]}}</td>
                        <td style="font-size: 15px;">{{row["QUANTITYIN"]}}</td>
                        <!-- <td><a href="{{ url_for('proc_update',pid=row['ID']) }}"
onclick="return confirm('Do you want to update {{ row.PRODUCTNAME }}');" style="text-
decoration: none;"><button class="btn btn-info btn-sm" type="submit" style="display: block;
margin-left: auto; margin-right: 1px;">Update</button></a></td> -->
                        <td> <!-- add Modal code-->
                        <button type="button" class="btn btn-info" data-toggle="modal" data-
target="#exampleModal{{row.ID}}" style="display: block; margin-left: auto; margin-right:
1px;">
                          Update</button>
                           <div class="modal fade" id="exampleModal{{row.ID}}" tabindex="-1"
role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true" style="margin-
top:150px;">
                            <div class="modal-dialog" role="document">
                              <div class="modal-content">
                                <div class="modal-header">
                                  <h3 class="modal-title" id="exampleModalLabel" style="font-
weight: bold;">Update Product</h3>
                                  <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
                                    <span aria-hidden="true">&times;</span>
                                  </button>
                                </div>
                                <div id="modal-cont" class="modal-body" >
                                  <form  action="{{ url_for('proc_update') }}" method="POST">
                                    <div class="prodname">
                                      <input type="hidden" name="pid" value="{{row.ID}}"/>
                                      <label style="font-size: 15px;">Product name</label>
                                      <input style="font-size: 15px;" name="pname" type="text"
class="form-control input-number" value="{{row.PRODUCTNAME}}"  />
                                      <br>
                                      <label style="font-size: 15px;">Quantity</label>
```

```
                                    <input style="font-size: 15px;" name="quantityin" type="text"
class="form-control input-number"  />
                                    <input type="submit" name="Update" class="btn btn-primary
btn-lg form-control input-number" style="width: 125px; display: block; margin-top: 50px;
margin-left: auto; margin-right: auto;">
                                  </div>
                                 </div>
                                 <div class="modal-footer">
                                  <button type="button" class="btn btn-secondary" data-
dismiss="modal">Cancel</button>
                                  <div >
                                  </div>
                                 </div>
                                </form>
                                </div>
                               </div>
                              </div>
                               <!--end of modal design--></td>
                             <td><a href="{{ url_for('proc_delete',pid=row['ID']) }}" onclick="return
confirm('Do you want to permanently delete {{ row.PRODUCTNAME }}');"><button
class="btn btn-danger" type="submit">Delete</button></a></td>
                            </tr>
                           {% endfor %}
                          </table>
                         </div>
                         </div>
                        </div>
                       </div>
{% endblock %}
```

Product.html

```
{% extends 'dashboard/base.html' %}
{% block head %}
   <title>Feedback</title>
   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
{% 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 col-md-6 col-12 p-1">

                    <img src="static/img/Feedback-cuate.png" class="img-fluid"
style="width: 500px; display: block; margin-left: auto; margin-right: auto;">
```

```
                                        </div>

                                    <div class="col-lg-6 col-md-6 col-12 p-1"
style="margin-top: 40px;">
                                      <div class="container register-form">
                                    <div class="form">
                    {{msg}}
          <div class="d-flex align-items-center mb-3 pb-1">
                        <span class="h1 fw-bold mb-0">Feedback Form</span>
                                            </div>
                                                <div class="form-content">
                                                  <form class="" action = "{{
url_for('feedbackadd') }}" method = "POST">
                          <p>1) Is our interface good at finding the item present?</p>
                  <div class="form-check form-check-inline">
                            <input class="form-check-input" type="radio" name="interface"
id="inlineRadio1" value="Very satisfied" >
                            <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                          </div>
                          <div class="form-check form-check-inline">
                            <input class="form-check-input" type="radio" name="interface"
id="inlineRadio2" value="satisfied">
                            <label class="form-check-label" for="inlineRadio2">satisfied</label>
                          </div>
                          <div class="form-check form-check-inline">
                            <input class="form-check-input" type="radio" name="interface"
id="inlineRadio3" value="unsatisfied">
                            <label class="form-check-label"
for="inlineRadio3">unsatisfied</label>
                          </div>
                          <p>2) Is the availability of stock information accurate?</p>
                        <div class="form-check form-check-inline">
                            <input class="form-check-input" type="radio" name="availability"
id="inlineRadio1" value="Very satisfied">
                            <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                          </div>
                          <div class="form-check form-check-inline">
                            <input class="form-check-input" type="radio" name="availability"
id="inlineRadio2" value="satisfied">
                            <label class="form-check-label" for="inlineRadio2">satisfied</label>
                          </div>
                          <div class="form-check form-check-inline">
                            <input class="form-check-input" type="radio" name="availability"
id="inlineRadio3" value="unsatisfied">
                         <label class="form-check-label" for="inlineRadio3">unsatisfied</label>
                          </div>
                          <p>3) Is our service user-friendly?</p>
                          <div class="form-check form-check-inline">
```

```
                        <input class="form-check-input" type="radio" name="userfriendly"
id="inlineRadio1" value="Very satisfied" >
                        <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="userfriendly"
id="inlineRadio2" value="satisfied">
                        <label class="form-check-label"
for="inlineRadio2">satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="userfriendly"
id="inlineRadio3" value="unsatisfied">
                        <label class="form-check-label"
for="inlineRadio3">unsatisfied</label>
                      </div>
                      <p>4) Is our chatbot user-friendly and helpful?</p>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="chatbot"
id="inlineRadio1" value="Very satisfied" >
                        <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="chatbot"
id="inlineRadio2" value="satisfied">
                        <label class="form-check-label"
for="inlineRadio2">satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="chatbot"
id="inlineRadio3" value="unsatisfied">
                        <label class="form-check-label"
for="inlineRadio3">unsatisfied</label>
                      </div>
                      <p>Is there anything you want share with us?</p>
                      <textarea class="form-control" id="exampleFormControlTextarea1"
rows="3" name="suggest" placeholder="Tell us what you feel"></textarea>
                    <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>
</form>
                                                  </div>
                                                  </div>
                                              </div>
                    </div>
                </section>
            </div>
```

```
        </div>
                {% endblock %}
```

addproduct.html

```
{% extends 'dashboard/base.html' %}
{% block head %}
   <title>Feedback</title>
   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
{% 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 col-md-6 col-12 p-1">
<img src="static/img/Feedback-cuate.png" class="img-fluid" style="width: 500px; display:
block; margin-left: auto; margin-right: auto;"
                                                </div>
                                        <div class="col-lg-6 col-md-6 col-12 p-1"
style="margin-top: 40px;">
                                          <div class="container register-form">
                                                <div class="form">
                    {{msg}}
                                                  <div class="d-flex align-items-center mb-3 pb-
1">                                             <span class="h1 fw-bold mb-0">Feedback
Form</span>
                                                  </div>
        <div class="form-content">
          <form class="" action = "{{ url_for('feedbackadd') }}" method = "POST">
                        <p>1) Is our interface good at finding the item present?</p>
                <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="interface"
id="inlineRadio1" value="Very satisfied" >
                        <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="interface"
id="inlineRadio2" value="satisfied">
                        <label class="form-check-label" for="inlineRadio2">satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="interface"
id="inlineRadio3" value="unsatisfied">
```

```
                        <label class="form-check-label"
for="inlineRadio3">unsatisfied</label>
                      </div>
                      <p>2) Is the availability of stock information accurate?</p>
                              <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="availability"
id="inlineRadio1" value="Very satisfied">
                        <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="availability"
id="inlineRadio2" value="satisfied">
                        <label class="form-check-label" for="inlineRadio2">satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="availability"
id="inlineRadio3" value="unsatisfied">
                        <label class="form-check-label"
for="inlineRadio3">unsatisfied</label>
                      </div>
                      <p>3) Is our service user-friendly?</p>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="userfriendly"
id="inlineRadio1" value="Very satisfied" >
                        <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="userfriendly"
id="inlineRadio2" value="satisfied">
                        <label class="form-check-label"
for="inlineRadio2">satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="userfriendly"
id="inlineRadio3" value="unsatisfied">
                        <label class="form-check-label"
for="inlineRadio3">unsatisfied</label>
                      </div>
                      <p>4) Is our chatbot user-friendly and helpful?</p>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="chatbot"
id="inlineRadio1" value="Very satisfied" >
                        <label class="form-check-label" for="inlineRadio1">Very
satisfied</label>
                      </div>
                      <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="chatbot"
id="inlineRadio2" value="satisfied">
```

```
                            <label class="form-check-label"
for="inlineRadio2">satisfied</label>
                        </div>
                        <div class="form-check form-check-inline">
                          <input class="form-check-input" type="radio" name="chatbot"
id="inlineRadio3" value="unsatisfied">
                          <label class="form-check-label"
for="inlineRadio3">unsatisfied</label>
                        </div>
                        <p>Is there anything you want share with us?</p>
                        <textarea class="form-control" id="exampleFormControlTextarea1"
rows="3" name="suggest" placeholder="Tell us what you feel"></textarea>
<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>
                                                        </form>
                                                    </div>
                                                </div>
                                            </div>
                                        </div>
                                    </section>
                                </div>
                                </div>
                                    {% endblock %}
```

config.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=zAzNGa6Da
Nk6xvle",",")
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 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']
            return render_template('dashboard/dashboard.html')
        else:
            msg = 'Incorrect email / password !'
    return render_template('login.html', msg = msg)
@app.route('/dashboard')
def dashboard():
  if session['loggedin'] == True:
     return render_template('dashboard/dashboard.html')
  else:
    return redirect(url_for('home'))
@app.route('/addproduct')
def addproduct():
  if session['loggedin'] == True:
     return render_template('dashboard/addproduct.html')
  else:
    return redirect(url_for('home'))
@app.route('/movement')
def movement():
  if session['loggedin'] == True:
    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)
    if products:
      return render_template("dashboard/movement.html", products = products , session =
session)
    else:
      return render_template("dashboard/movement.html")
  else:
    return redirect(url_for('home'))
@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(prep_stmt, 1,quantityout)
  ibm_db.bind_param(prep_stmt, 2, tow)
  ibm_db.bind_param(prep_stmt, 3, pname)
  ibm_db.bind_param(prep_stmt, 4, session['name'])
  ibm_db.execute(prep_stmt)
  select_sql="SELECT QUANTITYIN from PRODUCTS WHERE PRODUCTNAME = ?
AND HOLDERNAME = ?;"
  prep_stmt = ibm_db.prepare(conn, select_sql)
  ibm_db.bind_param(prep_stmt, 1, pname)
  ibm_db.bind_param(prep_stmt, 2, session['name'])
  ibm_db.execute(prep_stmt)
  outofstock = ibm_db.fetch_both(prep_stmt)
  if outofstock['QUANTITYIN'] <= int(quantityout):
    bodytemp = r"D:\IBM\GUIDED PROJECT\INVENTORY MANAGEMENT SYSTEM
FOR RETAILERS\SPRINT 4\templates\outofstock.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 = session['email']
    # Generate today's date to be included in the email Subject
    date_str = pd.Timestamp.today().strftime('%d-%m-%Y')
    # 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'Warning!!! {pname} - Out Of Stock - {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)
  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/movement.html', msg = "Product movement noted!",
products = products)
@app.route('/report')
def report():
  if session['loggedin'] == True:
    products = []
    stockonhand = []
    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)
    for i in products:
       calc = int((i['QUANTITYIN'])) - int(i['QUANTITYOUT'])
       stockonhand.append(str(calc))
    return render_template('dashboard/report.html', row_row1 =zip(products,stockonhand))
  else:
    return redirect(url_for('home'))
@app.route('/stockupdate')
def stock():
  if session['loggedin'] == True:
    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)
    if products:
      return render_template("dashboard/stockupdate.html", products = products , session =
session)
    else:
      return render_template("dashboard/stockupdate.html")
  else:
    return redirect(url_for('home'))
@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(prep_stmt, 1, id)
```

```
        ibm_db.bind_param(prep_stmt, 2, 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
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(prep_stmt, 1, pname)
            ibm_db.bind_param(prep_stmt, 2, quantity)
            ibm_db.bind_param(prep_stmt, 3, '0')
            ibm_db.bind_param(prep_stmt, 4, '')
            ibm_db.bind_param(prep_stmt, 5, str(the_time))
            ibm_db.bind_param(prep_stmt, 6, session['name'])
            ibm_db.execute(prep_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(prep_stmt, 1, pname)
            ibm_db.bind_param(prep_stmt, 2, quantity)
            ibm_db.bind_param(prep_stmt, 3, '0')
            ibm_db.bind_param(prep_stmt, 4, '')
            ibm_db.bind_param(prep_stmt, 5, str(the_time))
            ibm_db.bind_param(prep_stmt, 6, session['name'])
            ibm_db.execute(prep_stmt)
            return render_template('dashboard/addproduct.html', msg="Product added")
@app.route('/productlist')
def productlist():
  if session['loggedin'] == True:
    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)
    if products:
      return render_template("dashboard/productlist.html", products = products , session =
session)
    else:
```

```
      return render_template("dashboard/productlist.html")
  else:
    return redirect(url_for('home'))
@app.route('/contactsupport')
def contactsupport():
  if session['loggedin'] == True:
    return render_template('dashboard/contactsupport.html')
  else:
    return redirect(url_for('home'))
@app.route('/contactsup', methods = ['POST','GET'])
def contactsup():
  if request.method == 'POST':
      name = request.form['name']
      mobileno = request.form['mobileno']
      emailid = request.form['emailid']
      query = request.form['query']
      html = "<h1>Query from, </h1><br/><b>Name: </b>"+name+"<br/><b>Email ID:
</b>"+emailid+"<br/><b>Contact no: </b>"+mobileno+"<br/><b>Query:
</b><b>"+query+"</b>"
       # 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 = 'imsa3258@gmail.com'
       # 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'Query 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('dashboard/contactsupport.html', msg = "We have mailed your
query to our Support team! Soon they will reach you.")
@app.route('/feedback')
def feedback():
  if session['loggedin'] == True:
    return render_template('dashboard/feedback.html')
  else:
    return redirect(url_for('home'))
@app.route('/feedbackadd', methods = ['POST','GET'])
```

```
def feedbackadd():
  if request.method == 'POST':
      interface = request.form['interface']
      availability = request.form['availability']
      userfriendly = request.form['userfriendly']
      chatbot = request.form['chatbot']
      suggest = request.form['suggest']
      sql = "SELECT * FROM Feedback WHERE NAME =?"
      stmt = ibm_db.prepare(conn, sql)
      ibm_db.bind_param(stmt,1,session['name'])
      ibm_db.execute(stmt)
      account = ibm_db.fetch_assoc(stmt)
      if account:
        return render_template('dashboard/feedback.html', msg = "Your feedback was submitted
already.")
      else:
        ins_sql = "INSERT INTO Feedback
(interface,availability,userfriendly,chatbot,suggest,name) VALUES (?,?,?,?,?,?);"
        prep_stmt = ibm_db.prepare(conn, ins_sql)
        ibm_db.bind_param(prep_stmt, 1, interface)
        ibm_db.bind_param(prep_stmt, 2, availability)
        ibm_db.bind_param(prep_stmt, 3, userfriendly)
        ibm_db.bind_param(prep_stmt, 4, chatbot)
        ibm_db.bind_param(prep_stmt, 5, suggest)
        ibm_db.bind_param(prep_stmt, 6, session['name'])
        ibm_db.execute(prep_stmt)
return render_template('dashboard/feedback.html', msg = "Your feedback was submitted.")
@app.route('/logout')
def logout():
    session['loggedin'] = False
    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..."
```

Products.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/vecteezy_3d-online-airline-ticket-buying-
confirm-concept-icon-with-3d_10916024_536.png');background-position: center;
background-repeat: no-repeat; background-size: contain; background-repeat: no-repeat;
height: 100%;">
      <div style="margin-top: 50px;">
      <h1 class="display-6" style="text-align: center;">Your Registration was
successful!</h1>
      <h1 class="display-6" style="text-align: center;">Now, Log In to your account </h1>
      </div>
      <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">
                <div class="col-md-6">
                <a href="/login">
                   <div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">
                   <button type="button" class="btn btn-primary btn-lg img-
fluid">Login</button></div></a>
                </div>
             </div>
           </div>
```

```
        </div>
      </section>
    </div>
</body>
</html>
```