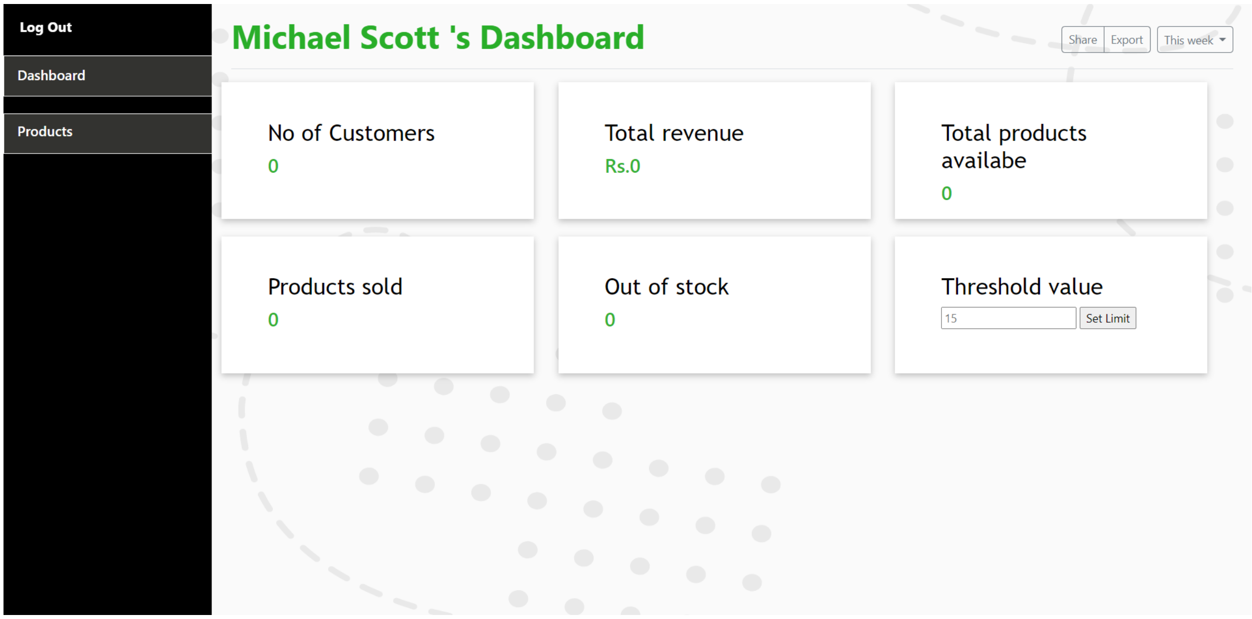
Sprint 2

Team ID	PNT2022TMID03825
Project Name	Inventory Management System For Retailers

Dashboard:



Michael Scott 's Dashboard

No of Customers
0

Total revenue
Rs.0

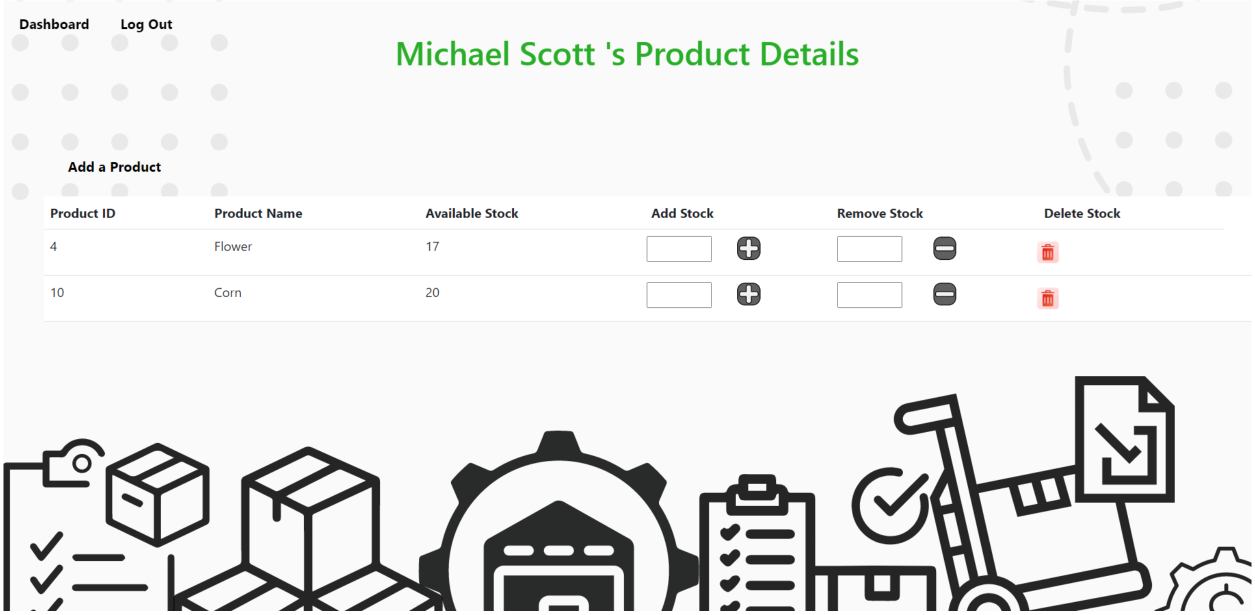
Total products availabe
0

Products sold
0

Out of stock
0

Threshold value
15

Products Page:

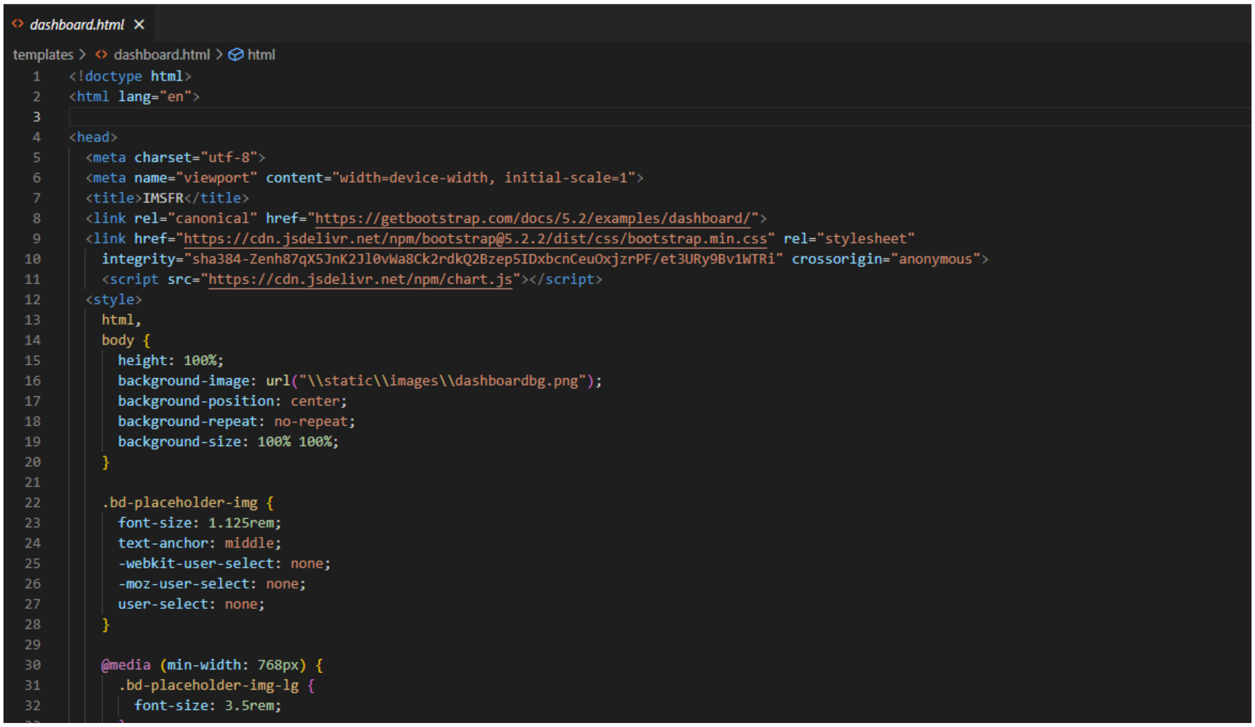


Michael Scott 's Product Details

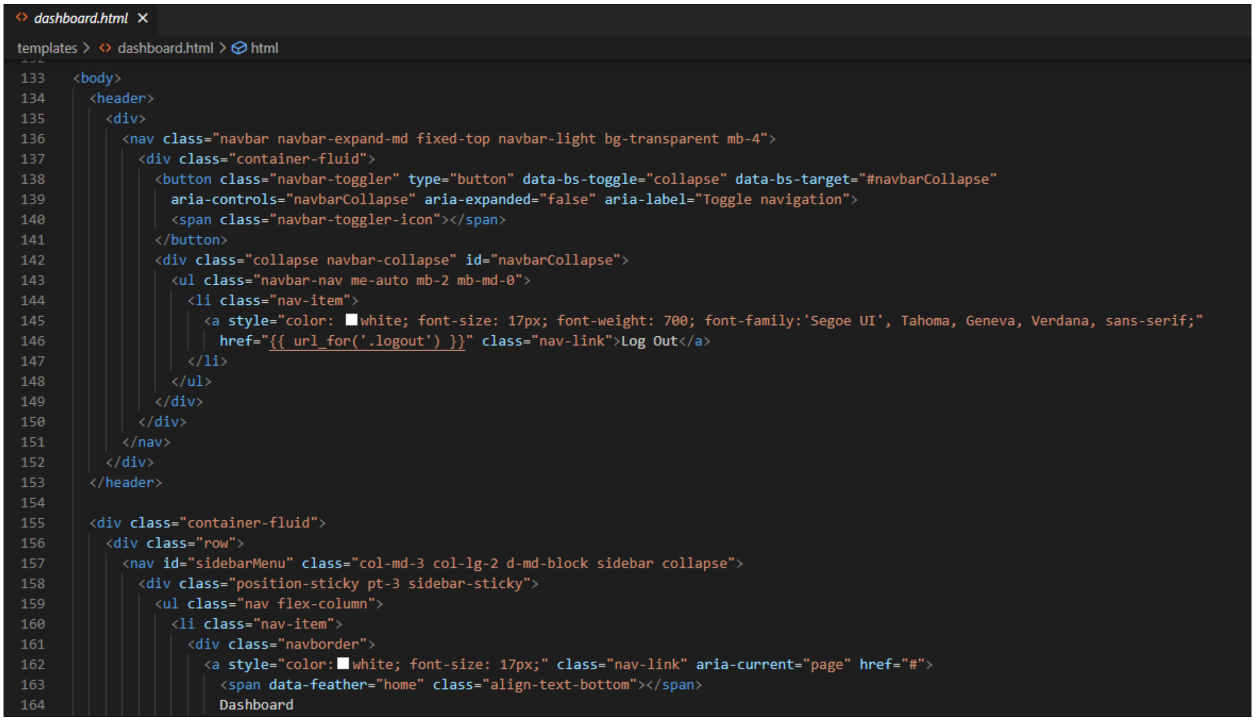
Product ID	Product Name	Available Stock	Add Stock	Remove Stock	Delete Stock
4	Flower	17			
10	Corn	20			

CODE:

Dashboard.html

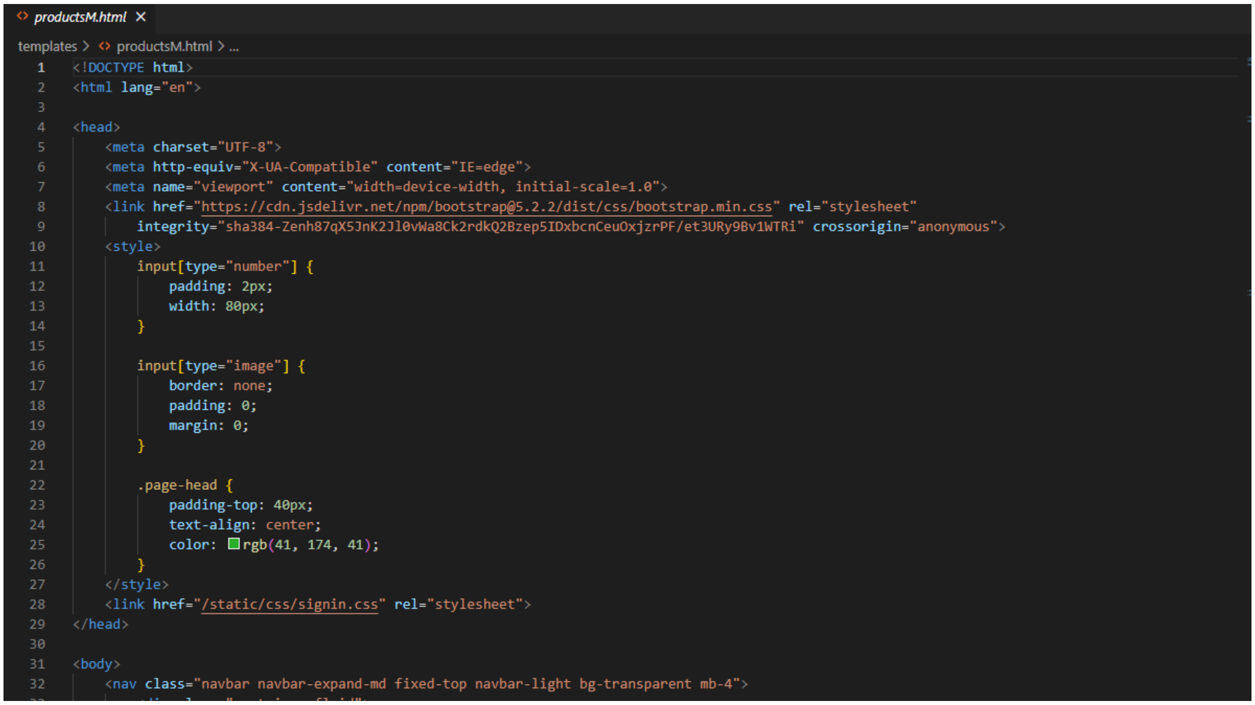


```html
<!doctype html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>IMSFR</title>
  <link rel="canonical" href="https://getbootstrap.com/docs/5.2/examples/dashboard/">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
    integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
  <style>
    html,
    body {
      height: 100%;
      background-image: url("\\static\\images\\dashboardbg.png");
      background-position: center;
      background-repeat: no-repeat;
      background-size: 100% 100%;
    }

    .bd-placeholder-img {
      font-size: 1.125rem;
      text-anchor: middle;
      -webkit-user-select: none;
      -moz-user-select: none;
      user-select: none;
    }

    @media (min-width: 768px) {
      .bd-placeholder-img-lg {
        font-size: 3.5rem;
```

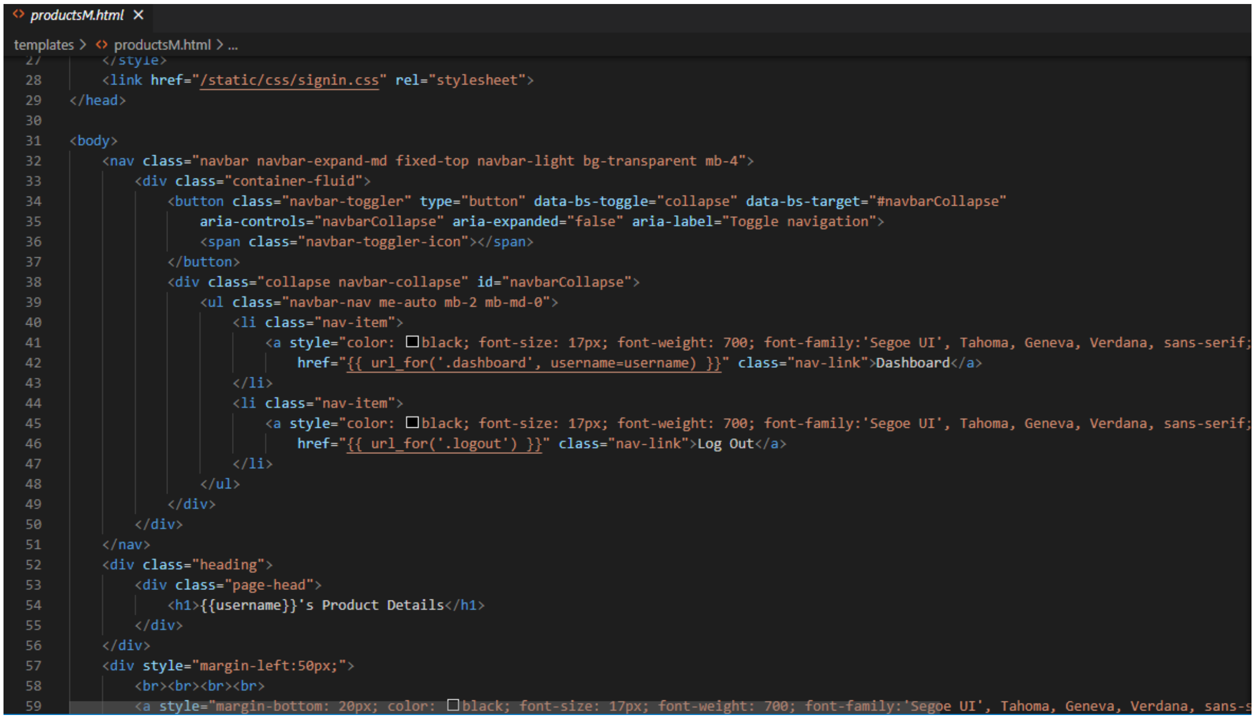


```html
<body>
  <header>
    <div>
      <nav class="navbar navbar-expand-md fixed-top navbar-light bg-transparent mb-4">
        <div class="container-fluid">
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse"
            aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarCollapse">
            <ul class="navbar-nav me-auto mb-2 mb-md-0">
              <li class="nav-item">
                <a style="color: white; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;"
                  href="{{ url_for('.logout') }}" class="nav-link">Log Out</a>
              </li>
            </ul>
          </div>
        </div>
      </nav>
    </div>
  </header>

  <div class="container-fluid">
    <div class="row">
      <nav id="sidebarMenu" class="col-md-3 col-lg-2 d-md-block sidebar collapse">
        <div class="position-sticky pt-3 sidebar-sticky">
          <ul class="nav flex-column">
            <li class="nav-item">
              <div class="navborder">
                <a style="color:white; font-size: 17px;" class="nav-link" aria-current="page" href="#">
                  <span data-feather="home" class="align-text-bottom"></span>
                  Dashboard
```

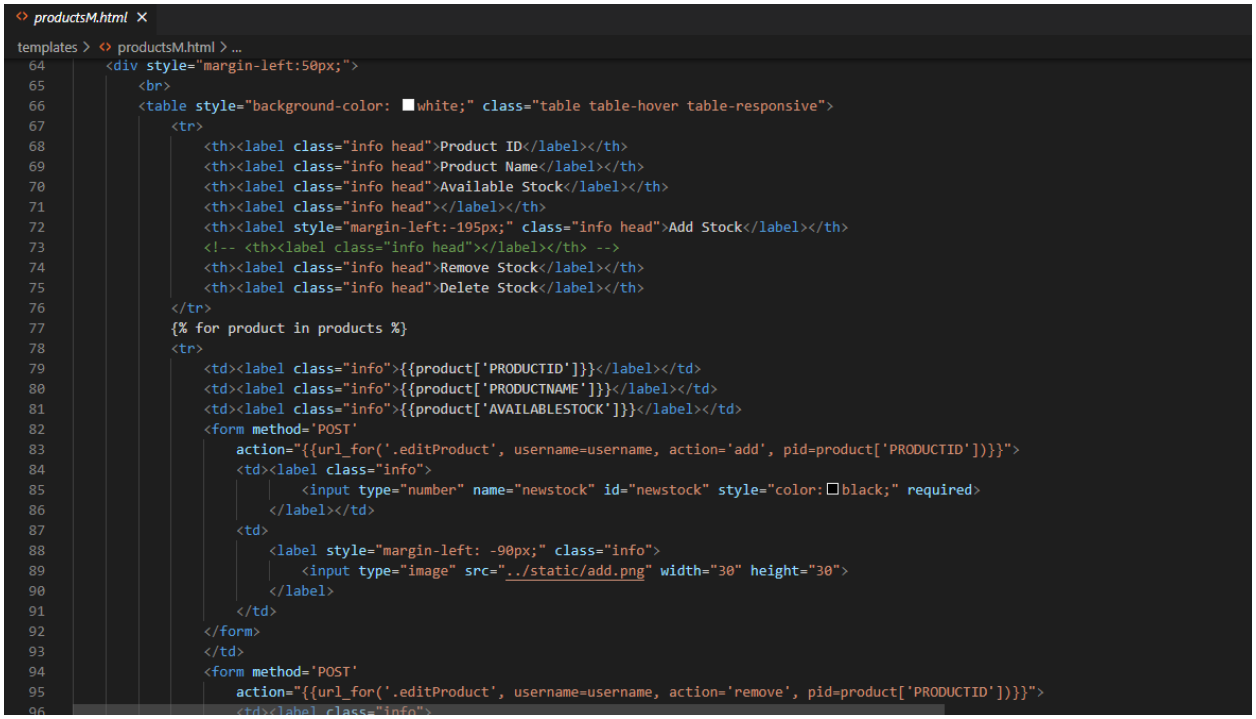
Products.html



```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi" crossorigin="anonymous">
    <style>
        input[type="number"] {
            padding: 2px;
            width: 80px;
        }

        input[type="image"] {
            border: none;
            padding: 0;
            margin: 0;
        }

        .page-head {
            padding-top: 40px;
            text-align: center;
            color: rgb(41, 174, 41);
        }
    </style>
    <link href="/static/css/signin.css" rel="stylesheet">
</head>

<body>
    <nav class="navbar navbar-expand-md fixed-top navbar-light bg-transparent mb-4">
```

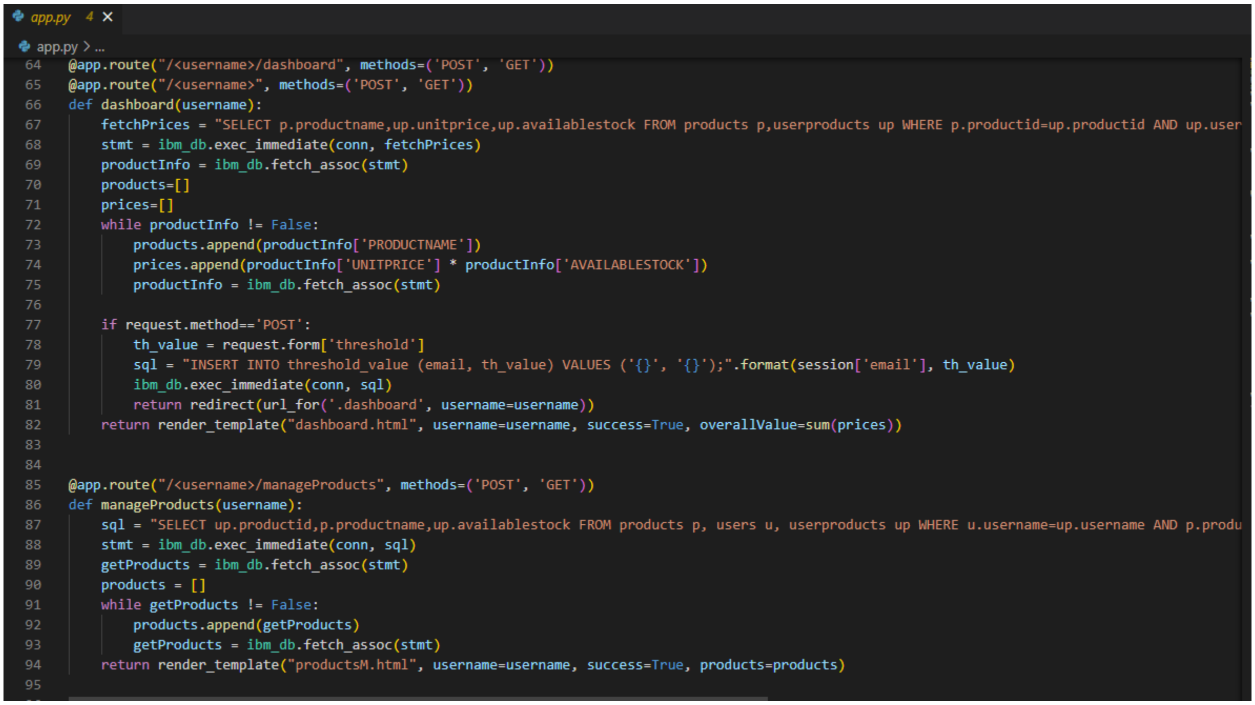


```html
    </style>
    <link href="/static/css/signin.css" rel="stylesheet">
</head>

<body>
    <nav class="navbar navbar-expand-md fixed-top navbar-light bg-transparent mb-4">
        <div class="container-fluid">
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse"
                aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarCollapse">
                <ul class="navbar-nav me-auto mb-2 mb-md-0">
                    <li class="nav-item">
                        <a style="color: black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
                            href="{{ url_for('.dashboard', username=username) }}" class="nav-link">Dashboard</a>
                    </li>
                    <li class="nav-item">
                        <a style="color: black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
                            href="{{ url_for('.logout') }}" class="nav-link">Log Out</a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>
    <div class="heading">
        <div class="page-head">
            <h1>{{username}}'s Product Details</h1>
        </div>
    </div>
    <div style="margin-left:50px;">
        <br><br><br><br>
        <a style="margin-bottom: 20px; color: black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-s
```

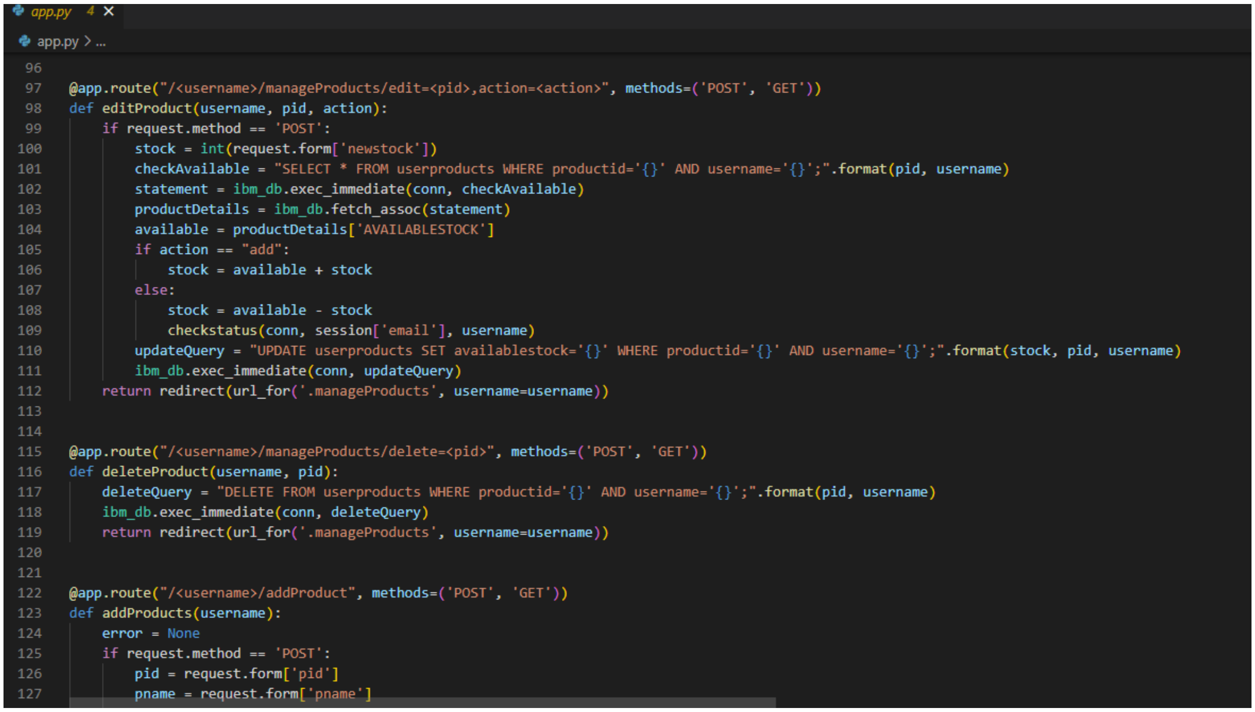


```html
    <div style="margin-left:50px;">
        <br>
        <table style="background-color: white;" class="table table-hover table-responsive">
            <tr>
                <th><label class="info head">Product ID</label></th>
                <th><label class="info head">Product Name</label></th>
                <th><label class="info head">Available Stock</label></th>
                <th><label class="info head"></label></th>
                <th><label style="margin-left:-195px;" class="info head">Add Stock</label></th>
                <!-- <th><label class="info head"></label></th> -->
                <th><label class="info head">Remove Stock</label></th>
                <th><label class="info head">Delete Stock</label></th>
            </tr>
            {% for product in products %}
            <tr>
                <td><label class="info">{{product['PRODUCTID']}}</label></td>
                <td><label class="info">{{product['PRODUCTNAME']}}</label></td>
                <td><label class="info">{{product['AVAILABLESTOCK']}}</label></td>
                <form method='POST'
                    action="{{url_for('.editProduct', username=username, action='add', pid=product['PRODUCTID'])}}">
                    <td><label class="info">
                            <input type="number" name="newstock" id="newstock" style="color: black;" required>
                        </label></td>
                    <td>
                        <label style="margin-left: -90px;" class="info">
                            <input type="image" src="../static/add.png" width="30" height="30">
                        </label>
                    </td>
                </form>
                </td>
                <form method='POST'
                    action="{{url_for('.editProduct', username=username, action='remove', pid=product['PRODUCTID'])}}">
                    <td><label class="info">
```

App.py



```python
@app.route("/<username>/dashboard", methods=('POST', 'GET'))
@app.route("/<username>", methods=('POST', 'GET'))
def dashboard(username):
    fetchPrices = "SELECT p.productname,up.unitprice,up.availablestock FROM products p,userproducts up WHERE p.productid=up.productid AND up.user
    stmt = ibm_db.exec_immediate(conn, fetchPrices)
    productInfo = ibm_db.fetch_assoc(stmt)
    products=[]
    prices=[]
    while productInfo != False:
        products.append(productInfo['PRODUCTNAME'])
        prices.append(productInfo['UNITPRICE'] * productInfo['AVAILABLESTOCK'])
        productInfo = ibm_db.fetch_assoc(stmt)

    if request.method=='POST':
        th_value = request.form['threshold']
        sql = "INSERT INTO threshold_value (email, th_value) VALUES ('{}', '{}');".format(session['email'], th_value)
        ibm_db.exec_immediate(conn, sql)
        return redirect(url_for('.dashboard', username=username))
    return render_template("dashboard.html", username=username, success=True, overallValue=sum(prices))


@app.route("/<username>/manageProducts", methods=('POST', 'GET'))
def manageProducts(username):
    sql = "SELECT up.productid,p.productname,up.availablestock FROM products p, users u, userproducts up WHERE u.username=up.username AND p.produ
    stmt = ibm_db.exec_immediate(conn, sql)
    getProducts = ibm_db.fetch_assoc(stmt)
    products = []
    while getProducts != False:
        products.append(getProducts)
        getProducts = ibm_db.fetch_assoc(stmt)
    return render_template("productsM.html", username=username, success=True, products=products)

```



```python

@app.route("/<username>/manageProducts/edit=<pid>,action=<action>", methods=('POST', 'GET'))
def editProduct(username, pid, action):
    if request.method == 'POST':
        stock = int(request.form['newstock'])
        checkAvailable = "SELECT * FROM userproducts WHERE productid='{}' AND username='{}';".format(pid, username)
        statement = ibm_db.exec_immediate(conn, checkAvailable)
        productDetails = ibm_db.fetch_assoc(statement)
        available = productDetails['AVAILABLESTOCK']
        if action == "add":
            stock = available + stock
        else:
            stock = available - stock
            checkstatus(conn, session['email'], username)
        updateQuery = "UPDATE userproducts SET availablestock='{}' WHERE productid='{}' AND username='{}';".format(stock, pid, username)
        ibm_db.exec_immediate(conn, updateQuery)
    return redirect(url_for('.manageProducts', username=username))


@app.route("/<username>/manageProducts/delete=<pid>", methods=('POST', 'GET'))
def deleteProduct(username, pid):
    deleteQuery = "DELETE FROM userproducts WHERE productid='{}' AND username='{}';".format(pid, username)
    ibm_db.exec_immediate(conn, deleteQuery)
    return redirect(url_for('.manageProducts', username=username))


@app.route("/<username>/addProduct", methods=('POST', 'GET'))
def addProducts(username):
    error = None
    if request.method == 'POST':
        pid = request.form['pid']
        pname = request.form['pname']
```