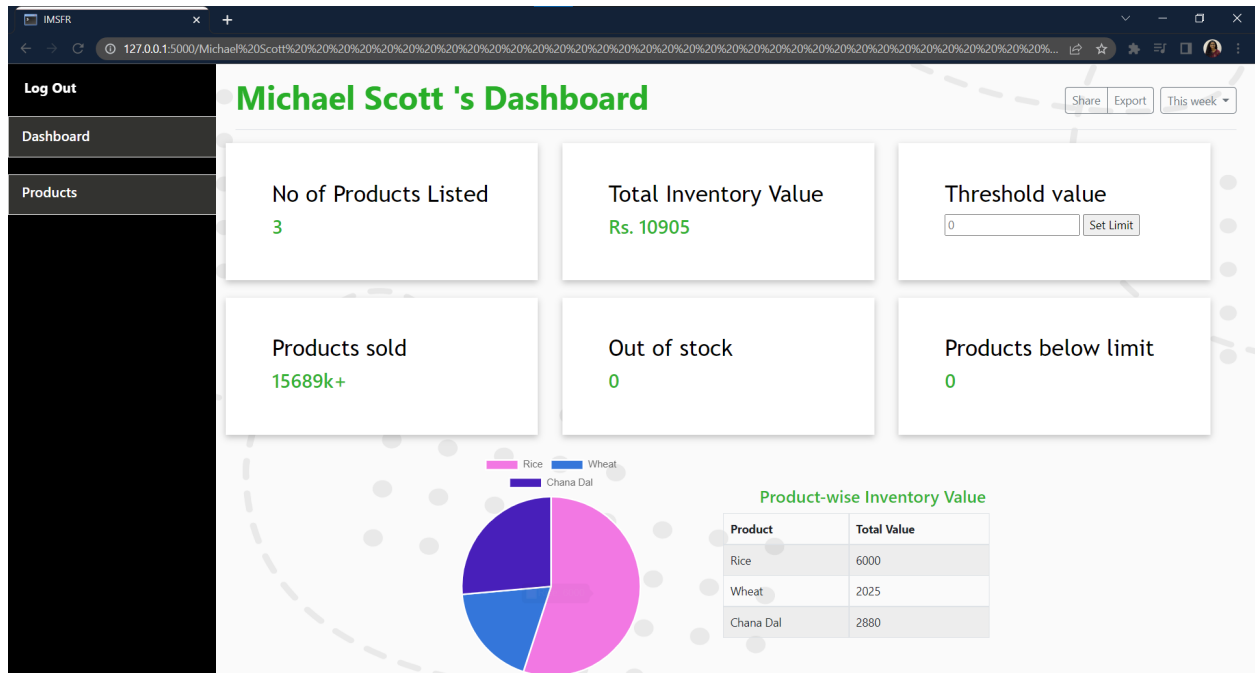


Sprint 2

Team ID	PNT2022TMID03825
Project Name	Inventory Management System For Retailers

Dashboard:



Products Page:

The product details page shows a table with the following data:

Product ID	Product Name	Available Stock	Add Stock	Remove Stock	Delete Stock
101	Rice	50	<input type="text"/> +	<input type="text"/> -	
102	Wheat	45	<input type="text"/> +	<input type="text"/> -	
103	Chana Dal	20	<input type="text"/> +	<input type="text"/> -	

The footer features a decorative illustration of warehouse equipment and boxes.

Add Products Page

127.0.0.1:5000/Michael Scott

DashboardLog Out

Add a Product

Product ID

Enter Product ID

Product Name

Enter Product Name

Stock Amount (in kg)


Enter Stock Amount

Price/ Unit (in INR)

Enter Price per Unit

Reset

Add Product



CODE:

Dashboard.html

```

1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <title>IMSFR</title>
8   <link rel="canonical" href="https://getbootstrap.com/docs/5.2/examples/dashboard/">
9   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
10     integrity="sha384-Zenh87qY5JnK2J10vWla8CK2ndkQ2Bzep5IDxhbcnCeU0xjzrPF/et3URY9BV1WTRi" crossorigin="anonymous">
11   <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
12 </style>
13
14   html,
15   body {
16     height: 100%;
17     background-image: url("../static/images/dashboardbg.png");
18     background-position: center;
19     background-repeat: no-repeat;
20     background-size: 100% 100%;
21   }
22
23   .bd-placeholder-img {
24     font-size: 1.125rem;
25     text-anchor: middle;
26     -webkit-user-select: none;
27     -moz-user-select: none;
28     user-select: none;
29   }
30
31   @media (min-width: 768px) {
32     .bd-placeholder-img-lg {
33       font-size: 3.5rem;

```

```
dashboard.html X
templates > dashboard.html > html
133 <body>
134 <header>
135 <div>
136 <nav class="navbar navbar-expand-md fixed-top navbar-light bg-transparent mb-4">
137 <div class="container-fluid">
138 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse"
139 aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">
140 <span class="navbar-toggler-icon"></span>
141 </button>
142 <div class="collapse navbar-collapse" id="navbarCollapse">
143 <ul class="navbar-nav me-auto mb-2 mb-md-0">
144 <li class="nav-item">
145 <a style="color: ■white; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;"
146 href="{{ url_for('.logout') }}" class="nav-link">Log Out</a>
147 </li>
148 </ul>
149 </div>
150 </div>
151 </nav>
152 </div>
153 </header>
154
155 <div class="container-fluid">
156 <div class="row">
157 <nav id="sidebarMenu" class="col-md-3 col-lg-2 d-md-block sidebar collapse">
158 <div class="position-sticky pt-3 sidebar-sticky">
159 <ul class="nav flex-column">
160 <li class="nav-item">
161 <div class="navborder">
162 <a style="color: ■white; font-size: 17px;" class="nav-link" aria-current="page" href="#">
163 <span data-feather="home" class="align-text-bottom"></span>
164 Dashboard
```

Products.html

```
productsM.html X
templates > productsM.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5 <meta charset="UTF-8">
6 <meta http-equiv="X-UA-Compatible" content="IE=edge">
7 <meta name="viewport" content="width=device-width, initial-scale=1.0">
8 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
9 integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzeps5IDxhcnCeu0XjzrPF/et3URy98v1WTRI" crossorigin="anonymous">
10 <style>
11 input[type="number"] {
12 padding: 2px;
13 width: 80px;
14 }
15
16 input[type="image"] {
17 border: none;
18 padding: 0;
19 margin: 0;
20 }
21
22 .page-head {
23 padding-top: 40px;
24 text-align: center;
25 color: ■rgb(41, 174, 41);
26 }
27 </style>
28 <link href="/static/css/signin.css" rel="stylesheet">
29 </head>
30
31 <body>
32 <nav class="navbar navbar-expand-md fixed-top navbar-light bg-transparent mb-4">
```

```

productsM.html X
templates > productsM.html > ...
27 </style>
28 <link href="/static/css/signin.css" rel="stylesheet">
29 </head>
30
31 <body>
32 <nav class="navbar navbar-expand-md fixed-top navbar-light bg-transparent mb-4">
33 <div class="container-fluid">
34 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse"
35   aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">
36   <span class="navbar-toggler-icon"></span>
37 </button>
38 <div class="collapse navbar-collapse" id="navbarCollapse">
39 <ul class="navbar-nav me-auto mb-2 mb-md-0">
40 <li class="nav-item">
41 <a style="color: black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;"
42   href="{{ url_for('.dashboard', username=username) }}" class="nav-link">Dashboard</a>
43 </li>
44 <li class="nav-item">
45 <a style="color: black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;"
46   href="{{ url_for('.logout') }}" class="nav-link">Log Out</a>
47 </li>
48 </ul>
49 </div>
50 </div>
51 </nav>
52 <div class="heading">
53 <div class="page-head">
54 <h1>{{username}}'s Product Details</h1>
55 </div>
56 </div>
57 <div style="margin-left:50px;">
58 <br><br><br><br>
59 <a style="margin-bottom: 20px; color: black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;"

```

```

productsM.html X
templates > productsM.html > ...
64 <div style="margin-left:50px;">
65 <br>
66 <table style="background-color: white;" class="table table-hover table-responsive">
67 <tr>
68 <th><label class="info head">Product ID</label></th>
69 <th><label class="info head">Product Name</label></th>
70 <th><label class="info head">Available Stock</label></th>
71 <th><label class="info head"></label></th>
72 <th><label style="margin-left: -195px;" class="info head">Add Stock</label></th>
73 <!-- <th><label class="info head"></label></th> -->
74 <th><label class="info head">Remove Stock</label></th>
75 <th><label class="info head">Delete Stock</label></th>
76 </tr>
77 {% for product in products %}
78 <tr>
79 <td><label class="info">{{product['PRODUCTID']}}</label></td>
80 <td><label class="info">{{product['PRODUCTNAME']}}</label></td>
81 <td><label class="info">{{product['AVAILABLESTOCK']}}</label></td>
82 <td><form method='POST'
83   action="{{url_for('.editProduct', username=username, action='add', pid=product['PRODUCTID'])}}">
84 <td><label class="info">
85 <input type="number" name="newstock" id="newstock" style="color:black;" required>
86 </label></td>
87 <td>
88 <label style="margin-left: -90px;" class="info">
89 <input type="image" src="/static/add.png" width="30" height="30">
90 </label>
91 </td>
92 </td>
93 </td>
94 <td><form method='POST'
95   action="{{url_for('.editProduct', username=username, action='remove', pid=product['PRODUCTID'])}}">
96 <td><label class="info">

```

AddProduct.html

```
addProduct.html X
templates > addProduct.html > html > body > form.form > div.form_input
6  {% block content %}
7  <!DOCTYPE html>
8  <html lang="en">
9
10 <head>
11   <meta charset="UTF-8">
12   <meta http-equiv="X-UA-Compatible" content="IE=edge">
13   <meta name="viewport" content="width=device-width, initial-scale=1.0">
14   <link rel="stylesheet" href="../static/form.css">
15 </head>
16
17 <body>
18   <form class="form" method="POST">
19     <h1>Add a Product</h1>
20     <h2>{{username}}</h2>
21     <div class="form_input">
22       {% if error %}
23         <label style="color: red;">{{error}}</label>
24       {% endif %}
25       <div class="form-element">
26         <label for="productid">Product ID</label>
27         <input type="text" name="pid" id="pid" placeholder="Enter Product ID" required>
28       </div>
29       <div class="form-element">
30         <label for="productid">Product Name</label>
31         <input type="text" name="pname" id="pname" placeholder="Enter Product Name" required>
32       </div>
33       <div class="form-element">
34         <label for="productid">Stock Amount</label>
35         <input type="number" name="stock" id="stock" placeholder="Enter Stock Amount" required>
36       </div>
37       <div class="form-element">
38         <label for="productid">Price/Unit (in INR)</label>
```

App.py

```
app.py 4 X
app.py > ...
64 @app.route("/<username>/dashboard", methods=('POST', 'GET'))
65 @app.route("/<username>", methods=('POST', 'GET'))
66 def dashboard(username):
67     fetchPrices = "SELECT p.productname,up.unitprice,up.availablestock FROM products p,userproducts up WHERE p.productid=up.productid AND up.user"
68     stmt = ibm_db.exec_immediate(conn, fetchPrices)
69     productInfo = ibm_db.fetch_assoc(stmt)
70     products=[]
71     prices=[]
72     while productInfo != False:
73         products.append(productInfo['PRODUCTNAME'])
74         prices.append(productInfo['UNITPRICE'] * productInfo['AVAILABLESTOCK'])
75         productInfo = ibm_db.fetch_assoc(stmt)
76
77     if request.method=='POST':
78         th_value = request.form['threshold']
79         sql = "INSERT INTO threshold_value (email, th_value) VALUES ('{}', '{}');".format(session['email'], th_value)
80         ibm_db.exec_immediate(conn, sql)
81         return redirect(url_for('.dashboard', username=username))
82     return render_template("dashboard.html", username=username, success=True, overallValue=sum(prices))
83
84
85 @app.route("/<username>/manageProducts", methods=('POST', 'GET'))
86 def manageProducts(username):
87     sql = "SELECT up.productid,p.productname,up.availablestock FROM products p, users u, userproducts up WHERE u.username=up.username AND p.produ"
88     stmt = ibm_db.exec_immediate(conn, sql)
89     getProducts = ibm_db.fetch_assoc(stmt)
90     products = []
91     while getProducts != False:
92         products.append(getProducts)
93         getProducts = ibm_db.fetch_assoc(stmt)
94     return render_template("productsM.html", username=username, success=True, products=products)
95
```

```

app.py 4 X
app.py > ...

96
97 @app.route("/<username>/manageProducts/edit=<pid>,action=<action>", methods=('POST', 'GET'))
98 def editProduct(username, pid, action):
99     if request.method == 'POST':
100         stock = int(request.form['newstock'])
101         checkAvailable = "SELECT * FROM userproducts WHERE productid='{}' AND username='{}';".format(pid, username)
102         statement = ibm_db.exec_immediate(conn, checkAvailable)
103         productDetails = ibm_db.fetch_assoc(statement)
104         available = productDetails['AVAILABLESTOCK']
105         if action == "add":
106             stock = available + stock
107         else:
108             stock = available - stock
109             checkstatus(conn, session['email'], username)
110             updateQuery = "UPDATE userproducts SET availablestock='{}' WHERE productid='{}' AND username='{}';".format(stock, pid, username)
111             ibm_db.exec_immediate(conn, updateQuery)
112     return redirect(url_for('.manageProducts', username=username))
113
114
115 @app.route("/<username>/manageProducts/delete=<pid>", methods=('POST', 'GET'))
116 def deleteProduct(username, pid):
117     deleteQuery = "DELETE FROM userproducts WHERE productid='{}' AND username='{}';".format(pid, username)
118     ibm_db.exec_immediate(conn, deleteQuery)
119     return redirect(url_for('.manageProducts', username=username))
120
121
122 @app.route("/<username>/addProduct", methods=('POST', 'GET'))
123 def addProducts(username):
124     error = None
125     if request.method == 'POST':
126         pid = request.form['pid']
127         pname = request.form['pname']

```