MAYANK BHARTI   **ROLL NO:22CS3039**

Shopping Item

Item Name:

    BURGER

Quantity:

    1

Priority:

    Medium   ⌄

Store Name:

    HUNGRY MAK

Store Section:

    A

Price:

    100

[Add Item]

Item	Quantity	Store	Section	Price
BURGER	1	HUNGRY MAK	A	100

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Shopping List</title>

    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
        }

        h1 {
            color: □#333;
        }

        form {
            margin-bottom: 20px;
        }

        label {
            display: block;
            margin-bottom: 5px;
        }

        input, select {
            margin-bottom: 10px;
            padding: 8px;
            width: 100%;
        }
```
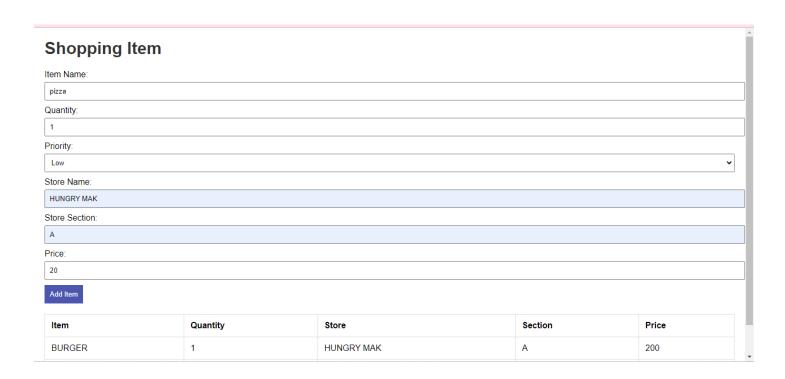
```html
<html lang="en">
<head>
    <style>
        input, select {
            padding: 8px;
            width: 100%;
        }

        button {
            padding: 10px;
            background-color: #4c56af;
            color: white;
            border: none;
            cursor: pointer;
        }

        table {
            width: 100%;
            border-collapse: collapse;
            margin-top: 20px;
        }

        th, td {
            border: 1px solid #ddd;
            padding: 12px;
            text-align: left;
        }
    </style>

</head>
<body>
```

```html
<html lang="en">
<body>

    <h1>Shopping Item</h1>

    <form id="itemForm">
        <label for="itemName">Item Name:</label>
        <input type="text" id="itemName" placeholder="Enter item name">

        <label for="itemQuantity">Quantity:</label>
        <input type="number" id="itemQuantity" placeholder="1" value="1">

        <label for="itemPriority">Priority:</label>
        <select id="itemPriority">
            <option value="low">Low</option>
            <option value="medium">Medium</option>
            <option value="high">High</option>
        </select>

        <label for="storeName">Store Name:</label>
        <input type="text" id="storeName" placeholder="Enter store name">

        <label for="storeSection">Store Section:</label>
        <input type="text" id="storeSection" placeholder="Enter store section">

        <label for="itemPrice">Price:</label>
        <input type="number" id="itemPrice" placeholder="Enter price">

        <button type="button" onclick="addItem()">Add Item</button>
    </form>
```

```html
<body>

    <table id="itemList">
        <thead>
            <tr>
                <th>Item</th>
                <th>Quantity</th>
                <th>Store</th>
                <th>Section</th>
                <th>Price</th>
            </tr>
        </thead>
        <tbody>
            <!-- Table content will go here -->
        </tbody>
    </table>

    <script>
        function addItem() {
            var itemName = document.getElementById("itemName").value;
            var itemQuantity = document.getElementById("itemQuantity").value;
            var itemPriority = document.getElementById("itemPriority").value;
            var storeName = document.getElementById("storeName").value;
            var storeSection = document.getElementById("storeSection").value;
            var itemPrice = document.getElementById("itemPrice").value;

            var table = document.getElementById("itemList").getElementsByTagName('tbody')[0];
            var newRow = table.insertRow(table.rows.length);

            var cell1 = newRow.insertCell(0);
            var cell2 = newRow.insertCell(1);
            var cell3 = newRow.insertCell(2);
```

```
2    <html lang="en">
55   <body>
100      <script>
101         function addItem() {
102            var itemName = document.getElementById("itemName").value;
103            var itemQuantity = document.getElementById("itemQuantity").value;
104            var itemPriority = document.getElementById("itemPriority").value;
105            var storeName = document.getElementById("storeName").value;
106            var storeSection = document.getElementById("storeSection").value;
107            var itemPrice = document.getElementById("itemPrice").value;
108
109            var table = document.getElementById("itemList").getElementsByTagName('tbody')[0];
110            var newRow = table.insertRow(table.rows.length);
111
112            var cell1 = newRow.insertCell(0);
113            var cell2 = newRow.insertCell(1);
114            var cell3 = newRow.insertCell(2);
115            var cell4 = newRow.insertCell(3);
116            var cell5 = newRow.insertCell(4);
117
118            cell1.innerHTML = itemName;
119            cell2.innerHTML = itemQuantity;
120            cell3.innerHTML = storeName;
121            cell4.innerHTML = storeSection;
122            cell5.innerHTML = itemPrice;
123         }
124      </script>
125
126   </body>
127   </html>
```

Shopping Item

Item Name:

pizza

Quantity:

1

Priority:

Low

Store Name:

HUNGRY MAK

Store Section:

A

Price:

20

Add Item

Item	Quantity	Store	Section	Price
BURGER	1	HUNGRY MAK	A	200

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Shopping List</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <h1>Shopping List</h1>

    <form id="itemForm">
        <label for="itemName">Item Name:</label>
        <input type="text" id="itemName" placeholder="Enter item name" required>

        <label for="itemQuantity">Quantity:</label>
        <input type="number" id="itemQuantity" placeholder="1" value="1" min="1" required>

        <label for="itemPriority">Priority:</label>
        <select id="itemPriority" required>
            <option value="low">Low</option>
            <option value="medium">Medium</option>
            <option value="high">High</option>
        </select>

        <label for="storeName">Store Name:</label>
        <input type="text" id="storeName" placeholder="Enter store name" required>

        <label for="storeSection">Store Section:</label>
        <input type="text" id="storeSection" placeholder="Enter store section" required>
```

```
2    <html lang="en">
9    <body>
13       <form id="itemForm">
50          <label for= storeSection >Store Section:</label>
31          <input type="text" id="storeSection" placeholder="Enter store section" required>
32
33          <label for="itemPrice">Price:</label>
34          <input type="number" id="itemPrice" placeholder="Enter price" min="0" step="0.01" required>
35
36          <button type="button" onclick="addItem()">Add Item</button>
37       </form>
38
39       <table id="itemList">
40          <thead>
41             <tr>
42                <th>Item</th>
43                <th>Quantity</th>
44                <th>Store</th>
45                <th>Section</th>
46                <th>Price</th>
47             </tr>
48          </thead>
49          <tbody id="orderSummary">
50             Summary of your order is displayed here
51          </tbody>
52       </table>
53
54       <script src="model.js"></script>
55       <script src="view.js"></script>
56       <script src="controller.js"></script>
57    </body>
58    </html>
```

Styling:

```
# styles.css > ⌗ #orderSummary
72     #orderSummary {
73         background: linear-gradient(180deg, ■#e6f7ff, ■#b3d9ff);
74         color: ■#0066cc;
75         font-weight: bold;
76         padding: 16px;
77         border-radius: 16px;
78         margin-bottom: 20px;
79         text-align: center;
80     }
```

Controller.js

```javascript
1   function addItem() {
2       const itemName = document.getElementById("itemName").value;
3       const itemQuantity = document.getElementById("itemQuantity").value;
4       const itemPriority = document.getElementById("itemPriority").value;
5       const storeName = document.getElementById("storeName").value;
6       const storeSection = document.getElementById("storeSection").value;
7       const itemPrice = document.getElementById("itemPrice").value;
8
9       const newItem = new ShoppingItem(itemName, itemQuantity, itemPriority, storeName, storeSection, itemPrice);
10      shoppingListModel.addItem(newItem);
11
12      shoppingListView.renderItemList(newItem);
13      shoppingListView.renderOrderSummary(newItem);
14  }
```

View.js

```javascript
1    View {
2    {
3    ist = document.getElementById("itemList").getElementsByTagName('tbody')[0];
4    Summary = document.getElementById("orderSummary");
5    orm = document.getElementById("itemForm");
6
7
8    (item) {
9    ow = this.itemList.insertRow(this.itemList.rows.length);
10
11   ey in item) {
12   cell = newRow.insertCell();
13   nnerHTML = item[key];
14
15
16
17   mary(item) {
18   aryRow = this.orderSummary.insertRow(0);
19   aryCell = summaryRow.insertCell(0);
20   l.innerHTML = `Added: ${item.quantity} ${item.name}(s) to your order for $${parseFloat(item.price).toFixed(2)}`;
21
22
23
24   View = new ShoppingListView();
```

Model.js

```javascript
class ShoppingItem {
    constructor(name, quantity, priority, storeName, storeSection, price) {
        this.name = name;
        this.quantity = quantity;
        this.priority = priority;
        this.storeName = storeName;
        this.storeSection = storeSection;
        this.price = price;
    }
}

class ShoppingListModel {
    constructor() {
        this.items = [];
    }

    addItem(item) {
        this.items.push(item);
    }
}

const shoppingListModel = new ShoppingListModel();
```