WEB TECH
LAB 6

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T1. Develop a single page application for Shopping List. First develop a simple prototype using html and javascript . Gradually develop a MVC based prototype.

```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%;
        }

        button {
```

```
                padding: 10px;
                background-color: #4CAF50;
                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>

    <h1>Shopping List</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">
```

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

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

    <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);
            var cell4 = newRow.insertCell(3);
            var cell5 = newRow.insertCell(4);

            cell1.innerHTML = itemName;
            cell2.innerHTML = itemQuantity;
            cell3.innerHTML = storeName;
            cell4.innerHTML = storeSection;
            cell5.innerHTML = itemPrice;
```

```
        }
    </script>

</body>
</html>
```


Shopping List

Item Name:
[Enter item name]

Quantity:
[1]

Priority:
[Low ▾]

Store Name:
[Enter store name]

Store Section:
[Enter store section]

Price:
[Enter price]

[Add Item]

Item	Quantity	Store	Section	Price