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Lab Assignment – VII

WEB TECHNOLOGY

T1. Shopping list which stores added items in local storage.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mittal Store</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="container">
    <h1>MITTAL SHOPPING CENTRE</h1>
    <div class="form-container">
      <div class="form-group">
        <label for="itemName">Item Name</label>
        <input type="text" id="itemName" class="form-control"
placeholder="Enter item...">
      </div>
      <div class="form-group">
        <label for="quantity">Quantity</label>
        <input type="number" id="quantity" class="form-control"
value="1">
      </div>
      <div class="form-group">
        <label for="priority">Priority</label>
        <select id="priority" class="form-control">
          <option value="low">Low</option>
          <option value="medium">Medium</option>
          <option value="high">High</option>
        </select>
      </div>
      <div class="form-group">
        <label for="store">Store</label>
        <select id="store" class="form-control">
          </select>
        </div>
      <div class="form-group">
```

```

        <label for="section">Section</label>
        <select id="section" class="form-control">
        </select>
    </div>
    <div class="form-group">
        <label for="price">Price</label>
        <input type="number" id="price" class="form-control"
step="0.01" placeholder="Enter price...">
    </div>
    <button id="addItemBtn" class="btn btn-primary">Add Item</button>
</div>
<div class="shopping-list">
    <h2>Shopping List</h2>
    <table id="shoppingListTable" class="table">
        <thead>
            <tr>
                <th>#</th>
                <th>Item</th>
                <th>Quantity</th>
                <th>Priority</th>
                <th>Store</th>
                <th>Section</th>
                <th>Price</th>
            </tr>
        </thead>
        <tbody id="shoppingList"></tbody>
    </table>
</div>
</div>
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
<script src="script.js"></script>
</body>
</html>

```

style.css

```

.container {
    max-width: 800px;
    margin: 50px auto;
    padding: 20px;
    background-color: #dbffe5;
    border-radius: 8px;
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
}

h1 {
    text-align: center;
}

```

```
.form-container {
  margin-bottom: 20px;
}

.form-group {
  margin-bottom: 15px;
}

.shopping-list {
  margin-top: 30px;
}

.shopping-list h2 {
  margin-bottom: 15px;
}

table {
  width: 100%;
  border-collapse: collapse;
}

th, td {
  padding: 8px;
  text-align: left;
}

table, th, td {
  border: 1px solid #000000;
}

th {
  background-color: #ff6767;
}

tr:nth-child(even) {
  background-color: #bebebe;
}

input[type="checkbox"] {
  margin: 0;
}

th, td {
  padding: 12px;
  border: black;
}
```

script.js

```
const stores = ['BigBazar', 'Amazon', 'Flipkart', 'Snapdeal', 'JioMart'];
const sections = ['Electronics', 'Electricals', 'Home and Decor', 'Pharmacy', 'Sports and Fitness', 'Groceries', 'Household', 'Personal Care'];

$(document).ready(function () {
    populateSelect('store', stores);
    populateSelect('section', sections);

    loadItemsFromStorage();

    $('#addItemBtn').click(function() {
        addItem();
    });
});

function populateSelect(selectId, options) {
    let select = $('# ' + selectId);
    select.empty();
    $.each(options, function(index, value) {
        select.append($('', {
            value: value,
            text: value
        }));
    });
}

function addItem() {
    let itemName = $('#itemName').val();
    let quantity = $('#quantity').val();
    let priority = $('#priority').val();
    let store = $('#store').val();
    let section = $('#section').val();
    let price = $('#price').val();

    if (itemName && quantity && price) {
        let newRow = `
            <tr>
                <td><input type="checkbox" class="form-control"></td>
                <td>${itemName}</td>
                <td>${quantity}</td>
                <td>${priority}</td>
                <td>${store}</td>
                <td>${section}</td>
                <td>${price}</td>
            </tr>`;
        $('#shoppingList').append(newRow);
    }
}
```

```

        saveItemToStorage(itemName, quantity, priority, store, section,
price);

        $('#itemName').val('');
        $('#quantity').val('1');
        $('#priority').val('low');
        $('#price').val('');
    } else {
        alert('Please fill out all required fields.');
```

```
    }
```

```
}
```

```
function saveItemToStorage(itemName, quantity, priority, store, section,
price) {
```

```
    let items = JSON.parse(localStorage.getItem('shoppingItems')) || [];
```

```
    items.push({
        itemName: itemName,
        quantity: quantity,
        priority: priority,
        store: store,
        section: section,
        price: price
```

```
    });
```

```
    localStorage.setItem('shoppingItems', JSON.stringify(items));
```

```
}
```

```
function loadItemsFromStorage() {
```

```
    let items = JSON.parse(localStorage.getItem('shoppingItems')) || [];
```

```
    items.forEach(function(item) {
```

```
        let newRow = `
```

```
            <tr>
```

```
                <td><input type="checkbox" class="form-control"></td>
```

```
                <td>${item.itemName}</td>
```

```
                <td>${item.quantity}</td>
```

```
                <td>${item.priority}</td>
```

```
                <td>${item.store}</td>
```

```
                <td>${item.section}</td>
```

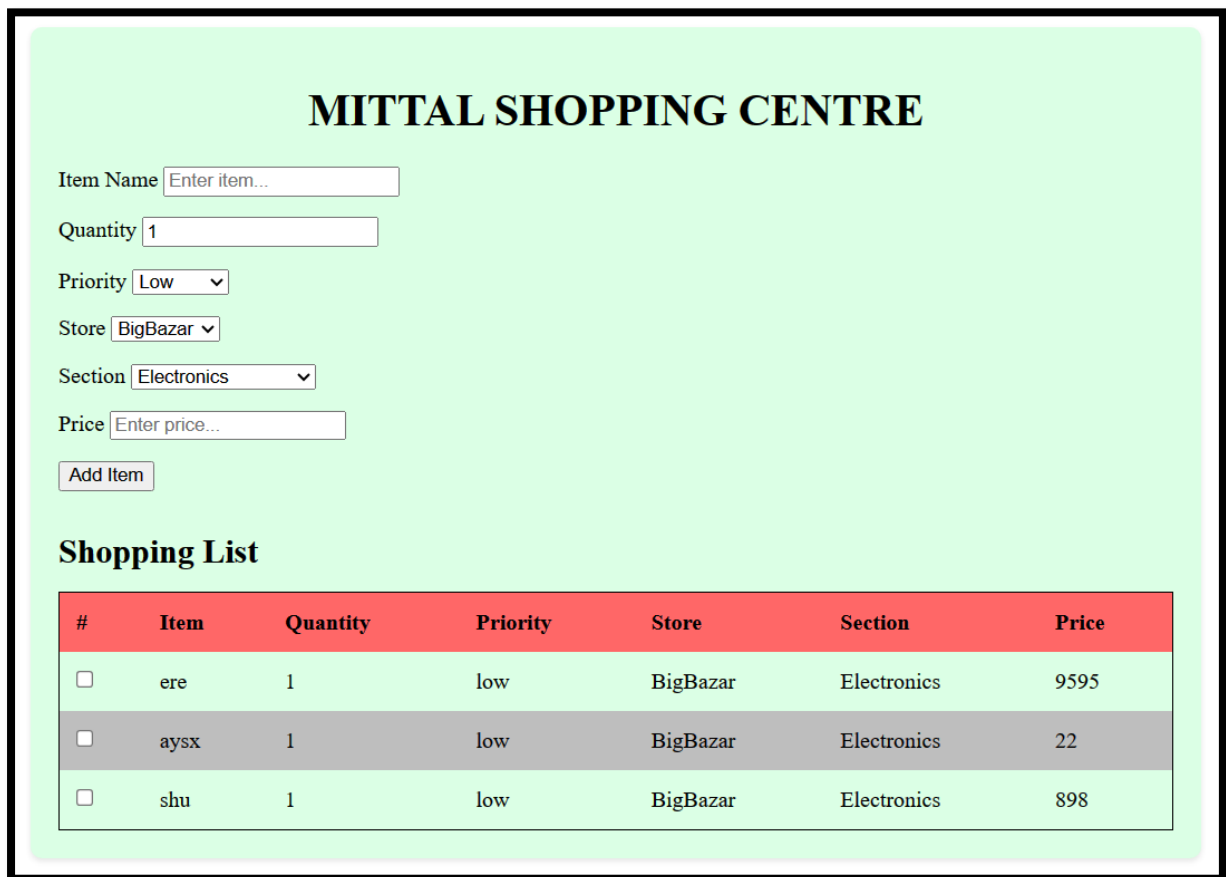
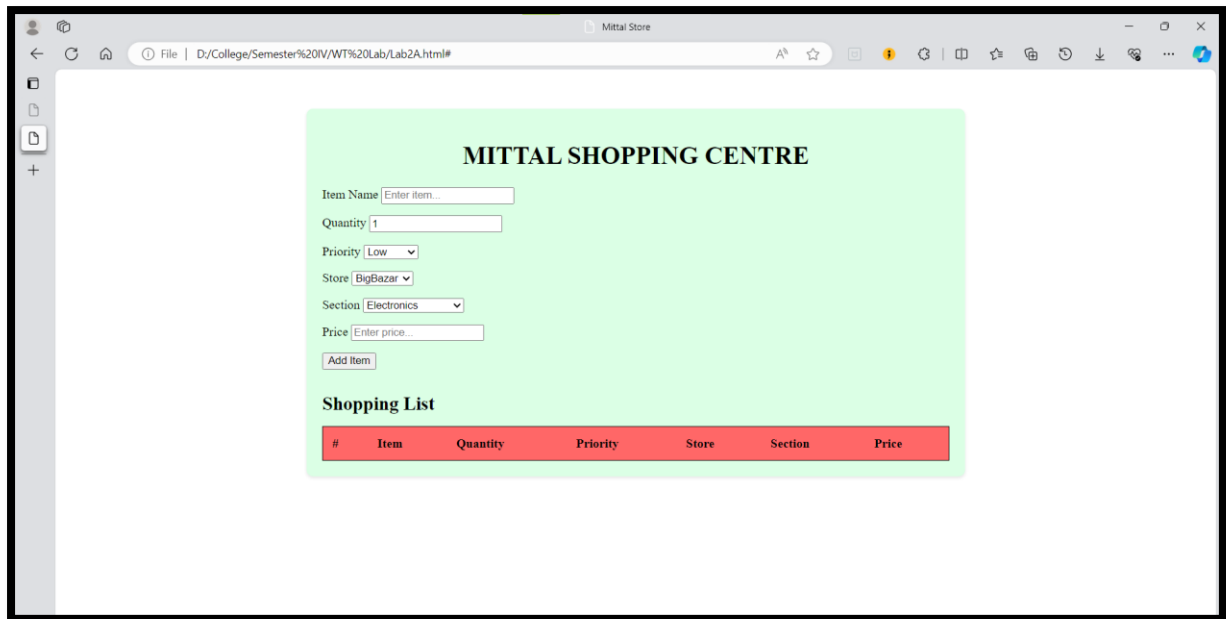
```
                <td>${item.price}</td>
```

```
            </tr>`;
```

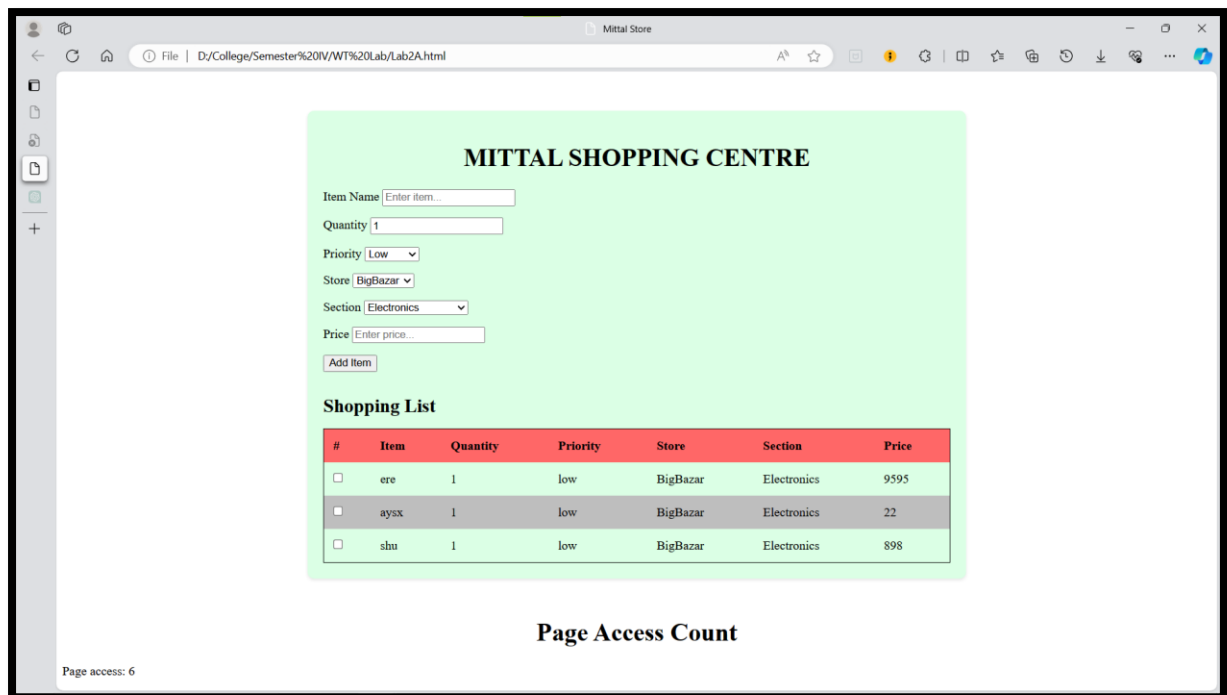
```
            $('#shoppingList').append(newRow);
```

```
    });
```

```
}
```



T2. Shopping list site which counts the number of times page is accessed.



Updated JS code for Page Access Count.

```
<h1 style="color: #000;">Page Access Count</h1>
<p id="pageAccessCountDisplay" style="color: #000;" margin="auto"></p>

<script>

    let pageAccessCount = localStorage.getItem('pageAccessCount');

    if (!pageAccessCount) {
        pageAccessCount = 1;
    } else {

        pageAccessCount = parseInt(pageAccessCount, 10);

        pageAccessCount++;
    }

    localStorage.setItem('pageAccessCount', pageAccessCount);

    document.getElementById('pageAccessCountDisplay').innerText = `Page
access: ${pageAccessCount}`;
</script>
```