

NAME:- SUDHANSHU SHIVAM  
BRANCH :- CSE  
ROLL NO :- 22CS3059

### LAB ASSIGNMENT – 6

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

```
lab6.html > html > head
1  <html>
2  <head>
3    <title>Shopping List Application</title>
4    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
5    <link rel="stylesheet" href="css/shoppingstyle.css">
6  </head>
7
8  <body>
9    <div class="container">
10     <nav class="navbar navbar-default">
11       <div class="container-fluid">
12         <div class="navbar-header">
13           <a class="navbar-brand" href="#">Shopping List</a>
14         </div>
15         <ul class="nav navbar-nav">
16           <li class="active"><a href="#">Home</a></li>
17           <li><a href="#">Page 1</a></li>
18           <li><a href="#">Page 2</a></li>
19           <li><a href="#">Page 3</a></li>
20         </ul>
21       </div>
22     </nav>
23     <div class="panel panel-default col-md-12">
24       <div class="panel-body">
25         <div class="row form-inline">
26
27           <div class="form-group">
28             <label for="itemname">Item Name</label>
29             <input type="text" class="form-control" name="itemname" id="itemname" />
30           </div>
31           <div class="form-group">
32             <label for="qty">Quantity</label>
33             <input type="text" class="form-control" name="qty" id="qty" />
34           </div>
35           <div class="form-group">
36             <label for="priority">Priority</label>
37             <select name="priority" id="priority" class="form-control">
38               <option value="low">low</option>
39               <option value="medium">medium</option>
40               <option value="high">high</option>
41             </select>
42           </div>
43         </div>
44
45         <div class="row form-inline" style="margin-top: 20px; margin-bottom: 20px;">
46           <div class="form-group">
47             <label for="store">Store Name</label>
48             <select name="store" id="store" class="form-control">
49               <option value="store1">Store 1</option>
50               <option value="store2">Store 2</option>
51             </select>
52           </div>
53           <div class="form-group">
54             <label for="category">Store Section</label>
55             <select name="category" id="category" class="form-control">
56               <option value="category1">Category 1</option>
57               <option value="category2">Category 2</option>
58             </select>
59           </div>
60         </div>
61       </div>
62     </div>
63   </div>
64 </body>
65 </html>
```

```

65         </select>
66     </div>
67     <div class="form-group">
68         <label for="price">Price</label>
69         <input type="text" name="price" id="price" class="form-control">
70     </div>
71 </div>
72 <div class="form-inline" style="float: right;">
73     <button onclick="clickedon()" class="btn btn-primary" id=gobutt>Add Item</button>
74 </div>
75 </div>
76 </div>
77 <div class="col-md-12">
78     <table class="table table-bordered">
79         <thead>
80             <tr>
81                 <th></th><th>Item</th><th>Quantity</th><th>Store</th><th>Section</th><th>Price</th>
82             </tr>
83         </thead>
84         <tbody id="shoppinglist"></tbody>
85     </table>
86 </div>
87 </div>
88 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
89 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
90 <script src="js/shopping.js?x=2" type="text/javascript"></script>
91 </body>
92 </html>

```

```

<script>
    var stores = ['Fareway', 'Ace Hardware', 'Caseys', 'The Hatchery', 'Amundsens']
    var sections = ['Produce', 'Meats', 'Cereal', 'Canned Goods', 'Frozen Foods', 'Dairy', 'Liquor', 'Tools', 'Clothing']

    function clickedon() {
        let rowcolids = ['itemname', 'qty', 'store', 'category', 'price']
        let vals = []
        for (let cid of rowcolids) {
            vals.push(document.getElementById(cid).value)
        }
        makeRow(vals, document.getElementById('shoppinglist'))
    }

    function makeRow(valueList, parent) {
        let row = document.createElement("tr")
        row.classList.add(document.getElementById("priority").value)
        let cb = document.createElement("input")
        cb.type = "checkbox"
        cb.classList.add("form-control")
        row.appendChild(cb)

        for (let val of valueList) {
            let td = document.createElement("td")
            td.innerHTML = val
            row.appendChild(td)
        }
    }

```

Shopping List
Home
Page 1
Page 2
Page 3

Item Name
Buckets
Quantity
1
Priority
medium

Store Name
Store Section
Price
500

Add Item

|                                     | Item    | Quantity | Store | Section | Price |
|-------------------------------------|---------|----------|-------|---------|-------|
| <input checked="" type="checkbox"/> | cake    | 1        |       |         | 300   |
| <input checked="" type="checkbox"/> | Buckets | 1        |       |         | 500   |