

### Front End Technologies Week 4 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized.  Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	
Completeness	All requirements of the assignment are complete.	25

**Instructions:** In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

#### **Coding Steps:**

- 1. Using HTML, Bootstrap, and JavaScript create a single page website that contains the following:
  - **a.** A Bootstrap styled table representing your choice of data.
  - **b.** A Bootstrap styled form that allows a user to add a new row to the table when submitted.

#### **Screenshots of Code:**



## **PROMINEO TECH**

```
JS shoppingList.js U

    index.html > 
    html > 
    body.container > 
    div.card > 
    div.card-body > 
    div.row

      <!DOCTYPE html>
      <html lang="en">
           <meta charset="UTF-8">
           <meta http-equiv="X-UA-Compatible" content="IE=edge">
           <meta name="viewport" content="width=device-width, initial-scale=1.0">
           <title>Shopping List</title>
           <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
           <h1 class="text-center">Shopping List</h1> <br>
           <div class="card">
               <div class="card-body">
                   <div class="row">
                       <div class="col-sm">
                          <div class="form-group">
                           <label for="new-item">Item</label>
                           <input type="text" class="form-control" id="new-item" placeholder="Item">
                       <div class="col-sm">
                            <div class="form-group">
                               <label for="new-quantity">Quantity</label>
                                <input type="text" class="form-control" id="new-quantity" placeholder="Quantity">
                       <div class="col-sm">
                            <div class="form-group">
                                <label for="new-location">Location</label>
                                <input type="text" class="form-control" id="new-location" placeholder="Location">
 36
```



## **PROMINEO TECH**



# **PROMINEO TECH**

```
JS shoppingList.js U X
JS shoppingList.js > ☆ addEventListener('click') callback > [🔊] actions
      let id = 0;
       document.getElementById('add').addEventListener('click', () => {
           let table = document.getElementById('list');
           let row = table.insertRow(1);
           row.setAttribute('id', `item-${id}`);
           row.insertCell(0).innerHTML = document.getElementById('new-item').value;
           row.insertCell(1).innerHTML = document.getElementById('new-quantity').value;
           row.insertCell(2).innerHTML = document.getElementById('new-location').value;
           let actions = row.insertCell(3);
 12
 13
           actions.appendChild(createDeleteButton(id++));
           document.getElementById('new-item').value = '';
       function createDeleteButton(id) {
           let btn = document.createElement('button');
           btn.className = 'btn btn-primary';
           btn.id = id;
           btn.innerHTML = 'Delete';
           btn.onclick = () => {
               console.log(`Deleting row with id: item-${id}`);
               let elementToDelete = document.getElementById(`item-${id}`);
               elementToDelete.parentNode.removeChild(elementToDelete);
           return btn;
```

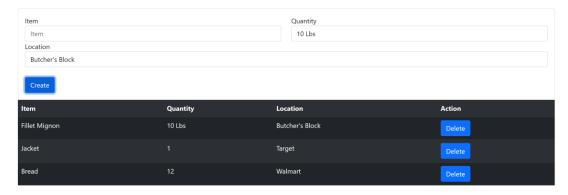
**Screenshots of Running Application:** 

#### **Shopping List**

Item		Quantity			
Item		Quantity			
Location					
Location					
Create					
Item	Quantity	Location	Action		



### **Shopping List**



**URL** to GitHub Repository:

https://github.com/JoanaBarao7/FET\_week4