Front End Technologies Week 12 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.	25
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. Create a full CRUD application of your choice. If you can use an existing API, use AJAX to interact with it. However, you do not have to use an API. If you do not use an API, store the entities you will create, read, update, and delete in an array.
 - **a.** Use a form to add new entities
 - **b.** Build a way for users to update or delete entities
 - c. Use Bootstrap and CSS to style your project

Screenshots of Code:

HTML-



PROMINEO TECH

```
♦ index.html M X JS index.js M

    index.html >  html >  body.container >  div#orders-list

      <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>Better Bottles Order Inventory</title>
           <link rel="stylesheet" href="node_modules/bootstrap/dist/css/bootstrap.css">
       <body class="container" style="background-color: ■AliceBlue;">
           <div class="text-center">
               <img style="height:80px" src="bblogo.png"><br>
               <h1>Order Inventory</h1>
                                                                                                                 D &

    index.html > 
    html > 
    body.container > 
    div#orders-list

          <div id="new-order" class="jumbotron">
              <h3>New Order</h3>
               <input type="text" id="new-order-name" class="form-control" placeholder="Customer Name"><br>
              <div class="card-body">
                   <div class="card">
                       <div class="row">
                           <div class="col-sm">
                               <input type="text" id="new-bottle-color" class="form-control" placeholder="Bottle"</pre>
                           <div class="col-sm">
                               <input type="text" id="new-bottle-quantity" class="form-control" placeholder="Ord</pre>
               <button id="create-new-order" class="btn btn-primary form-control">Create</button>
          <div id="orders-list">
          <script src="node_modules/jquery/dist/jquery.js"></script>
          <script src="index.js"></script>
          <script src="node_modules/bootstrap/dist/js/bootstrap.bundle.js"></script>
```



PROMINEO TECH

JS-

```
class Order {
   constructor(name, color, quantity) {
       this.name = name;
       this.color = color;
       this.quantity = quantity;
class OrderService {
   static url = 'https://ancient-taiga-31359.herokuapp.com/api/houses';
    static getAllOrders() {
       return $.get(this.url);
    static getOrder(id) {
        return $.get(this.url + \^{{id}});
    static createOrder(order) {
       return $.post(this.url, order);
    static updateOrder(order) {
        return $.ajax({
            url: this.url + `/${order._id}`,
            dataType: 'json',
            data: JSON.stringify(order),
            contentType: 'application/json',
            type: 'PUT'
```

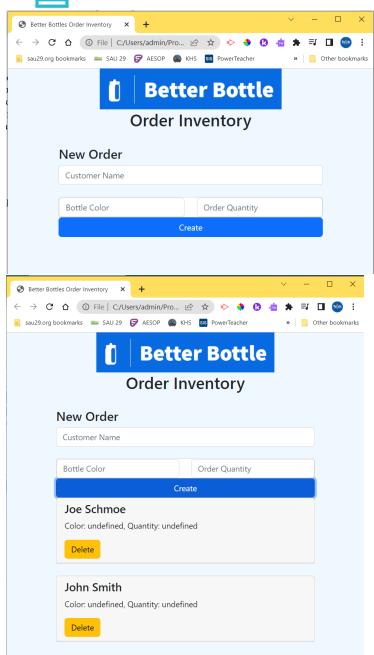


PROMINEO TECH

```
static deleteOrder(id) {
        return $.ajax({
            url: this.url + \^\${id}\\,
            type: 'DELETE'
class DOMManager {
    static orders;
        OrderService.getAllOrders().then(orders => this.render(orders));
    static createOrder(name, color, quantity) {
        OrderService.createOrder(new Order(name, color, quantity))
            .then(() => {
                return OrderService.getAllOrders();
            .then((orders) => this.render(orders));
    static deleteOrder(id) {
        OrderService.deleteOrder(id)
            return OrderService.getAllOrders();
        .then((orders) => this.render(orders));
    static render(orders) {
        this.orders = orders;
```

Screenshots of Running Application:





URL to GitHub Repository:

https://github.com/dmoylan1/week12Project.git