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<!DOCTYPE html>
<html lang="en">
<head>
  <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>Project 2</title>

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/
css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js
"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popp
er.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min
.js"></script>
  <script src="product_table.js"></script>
</head>
<body onload="CreateTableFromJSON()">
  <nav class="navbar navbar-expand-sm">
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link" href="index.html">Product Manager</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="Finances.html">Finances</a>
      </li>
    </ul>
  </nav>

  <div class="container-fluid">
    <div class="row">
      <div class="col">
        <h3>Table</h3>
        <p id="showData"></p>
      </div>
      <div class="col">
        <h3>Add to Table</h3>
        <label>Vendor Name:</label> <input type="text" id="clientNam
eInput"/><br/>
        <label>Project Name:</label> <input type="text" id="projectN
ameInput"/><br/>
        <label>Manager Name:</label> <input type="text" id="projectM
anagerInput"/><br/>

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        <label>Project Cost:</label> <input type="number" id="projectCostInput"/><br/>
        <input type="button" onclick="AddNewDeal()" value="Save" />
    </div>

    <div class="container-fluid">
        <div class="row">
            <div class="col"><h3>Delete Row</h3>
                <p id=deleteId>
                    <label>Vendor ID:</label> <input type="number" id="vendorId"/>
                <br/>
                </p>
                <input type="button" onclick="DeleteRow()" value="Delete"/>
            </div>

            <div class="col">
                <p id="displayinfo">
                    <h3>Edit Table</h3>
                    <label>Vendor ID:</label> <input type="number" id="dealerId"/><br/>
                    <label>Project Vendor:</label> <input type="text" id="clientNameEdit"/><br/>
                    <label>Project Name:</label> <input type="text" id="projectNameEdit"/><br/>
                    <label>Project Manager:</label> <input type="text" id="projectManagerEdit"/><br/>
                    </p>
                    <input type="button" onclick="ShowEdit()" value="Fill Info for ID"/><br>
                    <input type="button" onclick="EditRow()" value="Edit"/>
                </div>
            </div>
        </div>
    </div>
</div>
</body>
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      <li class="nav-item">
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      </li>
    </ul>
  </nav>

  <div class="col">
    <h3>Table</h3>
    <p id="showData"></p>
  </div>

  <div class="col">
    <h3>Modify Cost</h3>
    <label>Vendor ID:</label> <input type="number" id="dealidedit"/>
    <input type="button" onclick="FinShowEdit()" value="Find Cost"/><br>
    <label>Project Cost:</label> <input type="number" id="costEdit"/>
    <input type="button" onclick="FinEditRow()" value="Edit" />
  </div>
</body>
</html>

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var myData = [
    {"dealId" : 0, "client_name" : "Microsoft", "project_name" : "Apollo Project",
    "project_manager" : "Mary", "project_cost" : 1000},
    {"dealId" : 1, "client_name" : "Intel", "project_name" : "Hermes Project", "p
project_manager" : "Bob", "project_cost" : 10000},
    {"dealId" : 2, "client_name" : "Apple", "project_name" : "Zeus Project", "pro
ject_manager" : "Jane", "project_cost" : 100000}
]

var currentDealId = myData.length;

// localStorage allows us to persist key value pairs in a way that would survive
page refreshes, navigation, and user closing/reopening browser.
// localStorage has limits to the size of each object stored.

localStorage.setItem("myData", "test")

var myDataTest = localStorage.getItem("myData")

function CreateTableFromJSON() {
    myData.sort(function(a, b){
        return a.dealId - b.dealId;
    });

    // EXTRACT VALUE FOR HTML HEADER.
    // ('Deal ID', 'Deal Name', 'Category' and 'Price')
    var col = [];
    for (var i = 0; i < myData.length; i++) {
        for (var key in myData[i]) {
            if (col.indexOf(key) === -1) {
                col.push(key);
            }
        }
    }

    // CREATE DYNAMIC TABLE.
    var table = document.createElement("table");

    // CREATE HTML TABLE HEADER ROW USING THE EXTRACTED HEADERS ABOVE.

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var tr = table.insertRow(-1); // TABLE ROW.

for (var i = 0; i < col.length; i++) {
    var th = document.createElement("th"); // TABLE HEADER.
    th.innerHTML = col[i];
    tr.appendChild(th);
}

// ADD JSON DATA TO THE TABLE AS ROWS.
for (var i = 0; i < myData.length; i++) {

    tr = table.insertRow(-1);

    for (var j = 0; j < col.length; j++) {
        var tabCell = tr.insertCell(-1);
        tabCell.innerHTML = myData[i][col[j]];
    }
    // Insert Extra Cell for the Delete Icon
    //TODO: Complete this
    //var tabCell = tr.insertCell(-1);
    //tabCell.innerHTML = '<button onclick="DeleteRow(' + myData[i].dealId +
    ')">  </button>'

}

// FINALLY ADD THE NEWLY CREATED TABLE WITH JSON DATA TO A CONTAINER.

var divContainer = document.getElementById("showData");
divContainer.innerHTML = "";
divContainer.appendChild(table);
}

function AddNewDeal() {
    var clientName = document.getElementById("clientNameInput").value;
    var projectName = document.getElementById("projectNameInput").value;
    var projectManager = document.getElementById("projectManagerInput").value;
    var projectCost = document.getElementById("projectCostInput").value;

    if(clientName!=""&&projectName!=""&&projectManager!=""&&projectCost!=""){
        document.getElementById("clientNameInput").value = "";
        document.getElementById("projectNameInput").value = "";
        document.getElementById("projectManagerInput").value = "";
        document.getElementById("projectCostInput").value = "";
    }
}

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        InsertRow(currentDealId, clientName, projectName, projectManager, projectCost
    );
}
}

function InsertRow(dealId, clientName, projectName, projectManager, projectCost)
{
    myData.push({"dealId": dealId, "client_name" : clientName, "project_name" : p
projectName, "project_manager" : projectManager, "project_cost" : projectCost})
    currentDealId++;
    CreateTableFromJSON();
}

function DeleteRow() {
    var dealid = document.getElementById("vendorId").value;
    if(dealid==""){
        dealid=-1;
    }
    Id= Number(dealid);

    for( var i = 0; i < myData.length; i++){

        if ( myData[i].dealId === Id) {

            myData.splice(i, 1);
        }

    }
    CreateTableFromJSON();
}

function ShowEdit() {
    var dealid = document.getElementById("dealidedit").value;
    if(dealid==""){
        dealid=-1;
    }
    Id= Number(dealid);
    for( var i = 0; i < myData.length; i++){
        if ( myData[i].dealId === Id) {
            document.getElementById("clientNameEdit").value = myData[i].client_na
me;

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        document.getElementById("projectNameEdit").value = myData[i].project_
name;
        document.getElementById("projectManagerEdit").value = myData[i].proje
ct_manager;
        break;
    }
    else{
        document.getElementById("clientNameEdit").value = "";
        document.getElementById("projectNameEdit").value = "";
        document.getElementById("projectManagerEdit").value = "";
    }
}
CreateTableFromJSON();
}
function EditRow() {
    var dealid = document.getElementById("dealidedit").value;
    var clientName = document.getElementById("clientNameEdit").value
    var projectName = document.getElementById("projectNameEdit").value
    var projectManager = document.getElementById("projectManagerEdit").value
    if(dealid==""){
        dealid=-1;
    }
    Id= Number(dealid);
    for( var i = 0; i < myData.length; i++){
        if ( myData[i].dealId === Id) {
            if(clientName!=""&&projectName!=""&&projectManager!=""){
                var projectCost = myData[i].project_cost;
                myData.splice(i, 1);
                myData.push({"dealId": Id, "client_name" : clientName, "project_n
ame" : projectName, "project_manager" : projectManager, "project_cost" : projectC
ost})
            }
        }
    }
    CreateTableFromJSON();
}
function FinShowEdit() {
    var dealid = document.getElementById("dealidedit").value;
    if(dealid==""){
        dealid=-1;
    }
    Id= Number(dealid);
    for( var i = 0; i < myData.length; i++){
        if ( myData[i].dealId === Id) {

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        document.getElementById("costEdit").value = myData[i].project_cost;

        break;
    }
    else{
        document.getElementById("costEdit").value = "";
    }
}
CreateTableFromJSON();
}
function FinEditRow() {
    var dealid = document.getElementById("dealidedit").value;
    var projectCost = document.getElementById("costEdit").value
    if(dealid==""){
        dealid=-1;
    }
    Id= Number(dealid);
    for( var i = 0; i < myData.length; i++){
        if ( myData[i].dealId === Id) {
            if(projectCost!=""){
                var clientName = myData[i].client_name;
                var projectName = myData[i].project_name;
                var projectManager = myData[i].project_manager;
                myData.splice(i, 1);
                myData.push({"dealId": Id, "client_name" : clientName, "project_n
ame" : projectName, "project_manager" : projectManager, "project_cost" : projectC
ost})
            }
        }
    }
    CreateTableFromJSON();
}

```