**Practice Project – 2.10**

**Team Budget Planner**

**Project objective:**

As a developer, write a program using JavaScript to decide the budget of a specific team.

1. Index.html

<!DOCTYPE html>

<html>

<head>

    <title>Deals</title>

    <style>

        th,

        td,

        p,

        input {

            font: 14px Verdana;

        }

        table,

        th,

        td {

            border: solid 1px #DDD;

            border-collapse: collapse;

            padding: 2px 3px;

            text-align: center;

        }

        th {

            font-weight: bold;

        }

        label {

            display: inline-block;

            width: 140px;

            text-align: right;

        }​

    </style>

    <script src="create\_table.js"></script>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.1/jquery.min.js"></script>

</head>

<body onload="CreateTableFromJSON()" style="background-color:rgb(202, 102, 35);">

    <center>

    <h1>Manager View</h1>

    <table border="2">

        <thead>

            <tr>

                <th>Deal Id</th>

                <th>client\_name</th>

                <th>project\_name</th>

                <th>project\_manager</th>

                <th>project\_cost</th>

                <th>DELETE</th>

            </tr>

        </thead>

        <tbody id="body">

        </tbody>

    </table><br/>

    <div align="center"></div>

    <H3>Add New Deal</H3>

    <li><label>Client Name</label>

        <input type="text" id="clientNameInput" />

    </li>

    <li> <label>Project Name</label>

        <input type="text" id="projectNameInput" />

    </li>

    <li> <label>Project Manager</label>

        <input type="text" id="projectManagerInput" />

    </li>

    <li><label>Project Cost</label>

        <input type="number" id="projectCostInput" />

    </li>

    </div>

<br/><br/>

    <input type="button" onclick="AddNewDeal()" value="Save" />

    <a href="finance.html" target="\_blank"><button>finance department</button></a>

</center>

</body>

</html>

1. Table\_example.html

<!DOCTYPE html>

<html>

  <head>

    <title>Deals</title>

    <style>

      th,

      td,

      p,

      input {

        font: 14px Verdana;

      }

      table,

      th,

      td {

        border: solid 1px #ddd;

        border-collapse: collapse;

        padding: 2px 3px;

        text-align: center;

      }

      th {

        font-weight: bold;

      }

    </style>

    <script src="create\_table.js"></script>

  </head>

  <body onload="CreateTableFromJSON()" style="background-color: rgb(46, 129, 206)">

    <p id="showData"></p>

    <h3>Add New Deal</h3>

    <table>

      <p id="newData">

        <label>Client Name</label

        ><input type="text" id="clientNameInput" /><br />

        <label>Project Name</label

        ><input type="text" id="projectNameInput" /><br />

        <label>Project Manager</label

        ><input type="text" id="projectManagerInput" /><br />

        <label>Project Cost</label

        ><input type="number" id="projectCostInput" /><br />

      </p>

    </table>

    <input type="button" onclick="AddNewDeal()" value="Save" />

  </body>

</html>

1. Form.html

<!DOCTYPE html>

<html lang="en">

  <head>

    <title>Team Budget Planer</title>

    <meta charset="utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />

    <link

      href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css"

      rel="stylesheet"

      integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wuqIj61tLrc4wSX0szH/Ev+nYRRuWlolflfl"

      crossorigin="anonymous"

    />

    <script

      src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/js/bootstrap.bundle.min.js"

      integrity="sha384-b5kHyXgcpbZJO/tY9Ul7kGkf1S0CWuKcCD38l8YkeH8z8QjE0GmW1gYU5S9FOnJ0"

      crossorigin="anonymous"

    ></script>

    <script

      src="https://code.jquery.com/jquery-3.3.2.slim.min.js"

      integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"

      crossorigin="anonymous"

    ></script>

  </head>

  <body style="background-color: rgb(0, 9, 34)">

    <nav class="navbar navbar-expand-md">

      <a class="navbar-brand" href="#"

        ><img src="images/noodle.png" alt=""

      /></a>

      <button

        class="navbar-toggler navbar-dark"

        type="button"

        data-toggle="collapse"

        data-target="#main-navigation"

      >

        <span class="navbar-toggler-icon"></span>

      </button>

      <div class="collapse navbar-collapse" id="main-navigation">

        <ul class="navbar-nav">

          <li class="nav-item">

            <a class="nav-link" href="index.html">Home</a>

          </li>

          <li class="nav-item">

            <a class="nav-link" href="form.html">Contact</a>

          </li>

          <li class="nav-item">

            <a class="nav-link" href="page.html">Pagination</a>

          </li>

        </ul>

      </div>

    </nav>

    <form action="#">

      <div class="form-group">

        <label> Enter Name:</label>

        <input type="text" class="form-control" placeholder="Your Name" />

      </div>

      <div class="form-group">

        <label>Enter Email:</label>

        <input type="email" class="form-control" placeholder="xxx@xxxx.com" />

      </div>

      <div class="form-group">

        <label>Your Comment:</label>

        <textarea class="form-control"> </textarea>

      </div>

      <button type="submit">Submit</button>

    </form>

    <script

      src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/js/bootstrap.bundle.min.js"

      integrity="sha384-b5kHyXgcpbZJO/tY9Ul7kGkf1S0CWuKcCD38l8YkeH8z8QjE0GmW1gYU5S9FOnJ0"

      crossorigin="anonymous"

    ></script>

    <script

      src="https://code.jquery.com/jquery-3.3.2.slim.min.js"

      integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"

      crossorigin="anonymous"

    ></script>

  </body>

</html>

1. Create\_table.js

class Deal{

    constructor(dealId, client\_name, project\_name, project\_manager, project\_cost){

        this.dealId = dealId;

        this.client\_name = client\_name;

        this.project\_name = project\_name;

        this.project\_manager = project\_manager;

        this.project\_cost = project\_cost;

    }

}

var currentDealId = 0;

var myData = null;

function initialize(){

    if (localStorage.getItem("myData") ===null){

        //alert("inside if")

        myData = [new Deal(1,"Microsoft","Apollo Project","Mary",1000),

        new Deal(2,"Intel","Hermes Project","Bob",10000),

        new Deal(3,"Apple","Zeus Project","Jane",100000)

        ]

        currentDealId = myData.length;

        localStorage.setItem("myData", JSON.stringify(myData));

    }else{

        myData = JSON.parse(localStorage.getItem("myData"));

        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.

function CreateTableFromJSON() {

    initialize();

    $('tbody').empty()

    var myDataTest = JSON.parse(localStorage.getItem("myData"))

    //var myDataTest = JSON.parse(localStorage.getItem("myData"))

    $.each(myDataTest, function (key, value) {

        $('tbody').append(`<tr>

    <td>${value.dealId}</td>

    <td>${value.client\_name}</td>

    <td>${value.project\_name}</td>

    <td>${value.project\_manager}</td>

    <td>${value.project\_cost}</td>

    <td><button onclick="DeleteRow(${value.dealId})"> <img src="trashcan.png" width="50""> </button></td>

  </tr>`);

    })

}

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;

    document.getElementById("clientNameInput").value = "";

    document.getElementById("projectNameInput").value = "";

    document.getElementById("projectManagerInput").value = "";

    document.getElementById("projectCostInput").value = "";

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

}

function InsertRow(dealId, clientName, projectName, projectManager, projectCost) {

    var a= new Deal(dealId, clientName, projectName, projectManager, projectCost);

    myData.push(a);

    currentDealId++;

    localStorage.clear();

    localStorage.setItem("myData", JSON.stringify(myData))

    CreateTableFromJSON();

}

function DeleteRow(dealId) {

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

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

            if(confirm("Confirm deletion" + JSON.stringify(myData[i]))){

                myData.splice(i,1);

                localStorage.removeItem("myData");

                localStorage.setItem("myData", JSON.stringify(myData))

            }else{

                break;

            }

        }

    }

    CreateTableFromJSON();

}

1. Finance.js

class Deal {

    constructor(dealId, client\_name, project\_name, project\_manager, project\_cost) {

        this.dealId = dealId;

        this.client\_name = client\_name;

        this.project\_name = project\_name

        this.project\_manager = project\_manager

        this.project\_cost = project\_cost

    }

}

function CreateTableFromJSON() {

    $("tbody").empty()

    var Data = JSON.parse(localStorage.getItem("myData"));

    $.each(Data, function (key, value) {

        $('tbody').append(`<tr>

    <td class ="dealId" >${value.dealId}</td>

    <td class ="client\_name">${value.client\_name}</td>

    <td class ="project\_name">${value.project\_name}</td>

    <td class ="project\_manager">${value.project\_manager}</td>

    <td ><input type="text" class ="project\_cost" value= "${value.project\_cost}"></td>

  </tr>`);

    })

}

function UpdateCost(){

    var ary = [];

    $(function () {

        $('.update tr').each(function (a, b) {

            var dealId = $('.dealId',b).text();

            var clientName =$('.client\_name',b).text();

            var projectName =  $('.project\_name',b).text();

            var projectManager =$('.project\_manager',b).text();

            var projectCost =$('.project\_cost',b).val();

            ary.push(new Deal(dealId,clientName,projectName,projectManager,projectCost));

        });

    });

    localStorage.clear();

    localStorage.setItem("myData", JSON.stringify(ary));

    console.log(JSON.stringify(ary));

    alert("cost updated")

    CreateTableFromJSON();

}

1. Finance.html

<!DOCTYPE html>

<html>

  <head>

    <title>Finance page</title>

    <style>

      th,

      td,

      p,

      input {

        font: 14px Verdana;

      }

      table,

      th,

      td {

        border: solid 1px #ddd;

        border-collapse: collapse;

        padding: 2px 3px;

        text-align: center;

      }

      th {

        font-weight: bold;

      }

    </style>

    <script src="finance.js"></script>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.1/jquery.min.js"></script>

  </head>

  <body onload="CreateTableFromJSON()" style="background-color: pink">

    <h1>Finance View</h1>

    <table border="1">

      <thead>

        <tr>

          <th>Deal Id</th>

          <th>client\_name</th>

          <th>project\_name</th>

          <th>project\_manager</th>

          <th>project\_cost</th>

        </tr>

      </thead>

      <tbody class="update" id="body">

        <!-- <tr>

                <td class ="dealId" >${value.dealId}</td>

                <td class ="client\_name">${value.client\_name}</td>

                <td class ="project\_name">${value.project\_name}</td>

                <td class ="project\_manager">${value.project\_manager}</td>

                <td ><input type="text" class ="project\_cost" value= "${value.project\_cost}"></td>

              </tr> -->

      </tbody>

    </table>

    <input

      type="button"

      onclick="UpdateCost()"

      value="Update Cost"

      id="project\_cost"

    />

  </body>

</html>