<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css"

integrity="sha384-9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYYxFfc+NcPb1dKGj7Sk" crossorigin="anonymous">

<title>TODOs List</title>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<a class="navbar-brand" href="#">TODOs List</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"

aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">

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

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">About</a>

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"

data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

Items

</a>

<div class="dropdown-menu" aria-labelledby="navbarDropdown">

<a class="dropdown-item" href="#">Action</a>

<a class="dropdown-item" href="#">Another action</a>

<div class="dropdown-divider"></div>

<a class="dropdown-item" href="#">Something else here</a>

</div>

</li>

<li class="nav-item">

<a class="nav-link" href="#" tabindex="-1" aria-disabled="true">Contact</a>

</li>

</ul>

<form class="form-inline my-2 my-lg-0">

<input class="form-control mr-sm-2" type="search" placeholder="Search" aria-label="Search">

<button class="btn btn-outline-success my-2 my-sm-0" type="submit">Search</button>

</form>

</div>

</nav>

<div class="container my-4">

<h2 class="text-center">TODOs List</h2>

<div class="form-group">

<label for="title">Title</label>

<input type="text" class="form-control" id="title" aria-describedby="emailHelp">

<small id="emailHelp" class="form-text text-muted">Add an item to the list</small>

</div>

<div class="form-group">

<label for="description">Description</label>

<textarea class="form-control" id="description" rows="3"></textarea>

</div>

<button id="add" class="btn btn-primary">Add to list</button>

<button id="clear" class="btn btn-primary" onclick="clearStorage()">Clear list</button>

<div id="items" class="my-4">

<h2>Your Items</h2>

<table class="table">

<thead>

<tr>

<th scope="col">SNo</th>

<th scope="col">Item Title</th>

<th scope="col">Item Description</th>

<th scope="col">Actions</th>

</tr>

</thead>

<tbody id="tableBody">

<tr>

<th scope="row">1</th>

<td>Get some Coffee</td>

<td>You need coffee as you are a coder</td>

<td><button class="btn btn-sm btn-primary">Delete</button></td>

</tr>

</tbody>

</table>

</div>

</div>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"

integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"

crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"

integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"

crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"

integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"

crossorigin="anonymous"></script>

<script>

function getAndUpdate(){

console.log("Updating List...");

tit = document.getElementById('title').value;

desc = document.getElementById('description').value;

if (localStorage.getItem('itemsJson')==null){

itemJsonArray = [];

itemJsonArray.push([tit, desc]);

localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray))

}

else{

itemJsonArrayStr = localStorage.getItem('itemsJson')

itemJsonArray = JSON.parse(itemJsonArrayStr);

itemJsonArray.push([tit, desc]);

localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray))

}

update();

}

function update(){

if (localStorage.getItem('itemsJson')==null){

itemJsonArray = [];

localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray))

}

else{

itemJsonArrayStr = localStorage.getItem('itemsJson')

itemJsonArray = JSON.parse(itemJsonArrayStr);

}

// Populate the table

let tableBody = document.getElementById("tableBody");

let str = "";

itemJsonArray.forEach((element, index) => {

str += `

<tr>

<th scope="row">${index + 1}</th>

<td>${element[0]}</td>

<td>${element[1]}</td>

<td><button class="btn btn-sm btn-primary" onclick="deleted(${index})">Delete</button></td>

</tr>`;

});

tableBody.innerHTML = str;

}

add = document.getElementById("add");

add.addEventListener("click", getAndUpdate);

update();

function deleted(itemIndex){

console.log("Delete", itemIndex);

itemJsonArrayStr = localStorage.getItem('itemsJson')

itemJsonArray = JSON.parse(itemJsonArrayStr);

// Delete itemIndex element from the array

itemJsonArray.splice(itemIndex, 1);

localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray));

update();

}

function clearStorage(){

if (confirm("Do you areally want to clear?")){

console.log('Clearing the storage')

localStorage.clear();

update()

}

}

</script>

</body>

</html>