Issue Tracker

Index.html

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Issue Tracker</title>

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"

integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

</head>

<body>

<div class="container">

<h1>Issue Tracker</h1>

<div class="jumbotron">

<h3>Add New Issue:</h3>

<form id="issueInputForm">

<div class="form-group">

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

<input type="text" class="form-control" id="issueDescription" placeholder="Describe the issue ...">

</div>

<div class="form-group">

<label for="issueSeverity">Severity</label>

<select id="issueSeverity" class="form-control">

<option value="Low">Low</option>

<option value="Medium">Medium</option>

<option value="High">High</option>

</select>

</div>

<div class="form-group">

<label for="issueAssignedTo">Assigned To</label>

<input type="text" class="form-control" id="issueAssignedTo" placeholder="Enter responsible ...">

</div>

<button id="add-issue" onclick="submitIssue()" class="btn btn-primary">Add</button>

</form>

</div>

<div class="col-lg-12">

<div id="issuesList">

</div>

</div>

</div>

<!-- Modal -->

<div class="modal fade" id="emptyField" tabindex="-1" role="dialog" aria-labelledby="emptyFieldLabel"

aria-hidden="true">

<div class="modal-dialog" role="document">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title" id="emptyFieldLabel">Invalid Input!</h5>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<div class="modal-body">

Please provide the desciption of the issue and also the person name who you want to assign the issue.

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>

</div>

</div>

</div>

</div>

<script src="https://code.jquery.com/jquery-3.1.1.min.js"

integrity="sha256-hVVnYaiADRTO2PzUGmuLJr8BLUSjGIZsDYGmIJLv2b8=" crossorigin="anonymous"></script>

<!-- Latest compiled and minified JavaScript -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"

integrity="sha384-Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNIcPD7Txa"

crossorigin="anonymous"></script>

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

</body>

</html>

Main.js

function submitIssue(e) {

const getInputValue = id => document.getElementById(id).value;

const description = getInputValue('issueDescription');

const severity = getInputValue('issueSeverity');

const assignedTo = getInputValue('issueAssignedTo');

const id = Math.floor(Math.random() \* 100000000) + '';

const status = 'Open';

if ((description.length == 0) || (assignedTo.length == 0)) {

alert("Please fill all fields with required data.");

document.getElementById('add-issue').setAttribute("data-toggle", "modal");

document.getElementById('add-issue').setAttribute("data-target", "#emptyField")

}

else {

document.getElementById('add-issue').removeAttribute("data-toggle", "modal");

document.getElementById('add-issue').removeAttribute("data-target", "#emptyField")

const issue = { id, description, severity, assignedTo, status };

let issues = [];

if (localStorage.getItem('issues')) {

issues = JSON.parse(localStorage.getItem('issues'));

}

issues.push(issue);

localStorage.setItem('issues', JSON.stringify(issues));

fetchIssues();

}

}

const closeIssue = id => {

const issues = JSON.parse(localStorage.getItem('issues'));

const currentIssue = issues.find(issue => issue.id == id);

currentIssue.status = 'Closed';

currentIssue.description = `<strike>${currentIssue.description}</strike>`

localStorage.setItem('issues', JSON.stringify(issues));

fetchIssues();

}

const deleteIssue = id => {

const issues = JSON.parse(localStorage.getItem('issues'));

const remainingIssues = issues.filter(issue => ((issue.id) != id))

localStorage.removeItem('issues');

localStorage.setItem('issues', JSON.stringify(remainingIssues));

fetchIssues();

}

const fetchIssues = () => {

const issues = JSON.parse(localStorage.getItem('issues'));

const issuesList = document.getElementById('issuesList');

issuesList.innerHTML = '';

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

const { id, description, severity, assignedTo, status } = issues[i];

issuesList.innerHTML += `<div class="well">

<h6>Issue ID: ${id} </h6>

<p><span class="label label-info"> ${status} </span></p>

<h3> ${description} </h3>

<p><span class="glyphicon glyphicon-time"></span> ${severity}</p>

<p><span class="glyphicon glyphicon-user"></span> ${assignedTo}</p>

<button onclick="closeIssue(${id})" class="btn btn-warning">Close</button>

<button onclick="deleteIssue(${id})" class="btn btn-danger">Delete</button>

</div>`;

}

}

fetchIssues();