Integrated Learning Project

Client Side Application

[ILP-001]

# Issue Tracker

The proposed system should provide a way to raise issues and keep track of them. The user interface to the system should be implemented using the client side JavaScript framework, Angular. **The data for Issues should be managed in a JSON server**. The client application should interface with the JSON Server **through http** to retrieve and store data.

Following operations should be supported.

1. View Issues
2. Add Issue
3. Update Issue
4. Delete Issue

**View Issues**

* The list of issues raised should be displayed.
* There should be a search filter option provided to display only a subset of the issues based on the search filter.
* Customization should be provided to display only a subset of the fields (see Add Issue below for field details). Default should be all fields. Fields means the various fields like Description, Severity, Status etc.
* Buttons should be displayed next to each issue entry to allow for update or delete of an issue.

**Add Issue**

While adding the issue, the following input details should be accepted.

* Description
* Severity (A list of severities should be displayed for user to select)

[Assume the list of severities to be – Minor, Major, Critical]

* Status (A list of statuses should be displayed for user to select)

[Assume the list of statuses to be – Open, In Progress, Closed]

* Created Date
* Resolved Date

**Update Issue**

When the list of issues are displayed, one issue can be selected to update at a time.

Description, Severity, Status, Created Date, Resolved Date should be allowed to be updated.

**Note:** Issue ID should be used as the key to look for Issue details and it cannot be modified.

**Delete Issue**

When the list of issues are displayed, one or more issues can be selected to delete at a time.