TRACK MY BUGS – Issue Tracking Tool

1) Sign-in page
- ➔ The very **1ˢᵗ screen** that the user sees is the sign-in/login page
- ➔ Even if the user tries to go to any other page by manually entering the route, he is re-directed to the login page using **route guard service** which checks for the authentication Token presence/validity.
- ➔ UI features:
  - ➔ User input fields transition effects: when the user clicks & starts typing the placeholder slides upwards.
  - ➔ Logo of the application
  - ➔ Material design theme: smooth edged input fields, buttons
  - ➔ Validation: done on client side itself for valid email & password.

2) Sign-up Page
- ➔ When user clicks **sign-up** on login page if he is not yet registered.
- ➔ Same UI features as above.

3) Dashboard
- ➔ For displaying all the issues which are reported by & are assigned to the user.
- ➔ A panel like UI:
  - ➔ On left hand side: **navigation** for going to **Dashboard**, **Create new Issue, Logout button,** along-with viewing the logged-in user's name.
  - ➔ On right hand side: On top a **search bar** is present for searching in the issue list. The search is done using **Pipe**, so it gives instant result without hitting the back-end.
  - ➔ Just below the search bar, there is a **notifications button** which opens a **notification panel** on clicking. It shows notifications received about the issue the current user is following.
  - ➔ A table format for displaying all the issues current user is assigned or has reported.
    - ➔ The table has **sorting** applied on all headers.
    - ➔ You can **sort by ascending** or **descending** order.
    - ➔ A small **arrow** also displays which tells the **sort order**.
    - ➔ **Pagination** is also applied on the table. The default number of records that the table shows at once is 10.
    - ➔ when a record is clicked it navigates to **issue description view**.

4) Issue Description View
- ➔ Dual use view: used for creating a new issue as-well-as viewing an already existing issue.
  - ➔ The type of view to display is checked by verifying if the route carries any info with or not(issueId)
- ➔ The screen shows the issue details and its comments in 2 different forms:

➔ For **creating/editing issue details**: Form validations like in sign-in/sign-up page.
  ➔ While editing **detects changes** to form. If there are no changes, you are not allowed to submit the same data as before.
  ➔ When you click edit & save button a **notification** will be sent to all followers what data you edited.
  ➔ A check box to follow/unfollow the issue.
  ➔ A view followers button.
  ➔ A **Rich text editor** is present for formatting the description text.
  ➔ If you are creating a new issue, you will be re-directed to dashboard after successful creation.
  ➔ By default there are 2 followers of every issue i.e. reporter & assignee.

➔ **For comments section:** A list showing all comments of the currently selected issue in issue description view, along-with who commented and date is shown
  ➔ Add new comment section also present.