Homework: Test Management and Issue Tracking

1. User Stories

Given the SRS for Task Board App, write user stories for each of the functionalities.

| Functionality | User Story |
|----------------|---|
| Home Page | As a user, I want to view the total number of tasks available in the system on the Home Page, so I can have an overview of the task count |
| Home Page | As a user, I want to access the Task Board application's Home Page so I can see a welcome message, navigate to different sections using the side menu and Quick Access Buttons, |
| Task Board | As a user, I want to navigate to the Task Board page so I can see tasks organized by boards in the order of Open, In Progress, and Done. |
| Task Board | As a user, I want to navigate to the Task Board page so I can view each task's title, brief description, and have options for viewing and editing the tasks. |
| Create Task | As a user, I want to create a new task by providing a title, optional description, and selecting the board for the task. |
| View Task | As a user, I want to view the complete details of a task by clicking on the "View" button associated with each task. |
| Edit Task | As a user, I want to edit a task by modifying the title, description, or moving it to a different board. After making the desired changes, I want to be able to save the edits. |
| Search Task | As a user, I want to search for specific tasks by entering a keyword. |
| Search Results | As a user, I want to see the search results page display relevant task information, such as the task title, board name, and a brief description if available. |
| Web API | As a user, I want to access the API documentation for the Task Board application. The documentation should provide detailed information about the available endpoints, supported request methods, request parameters, and response formats. |

















2. Bugs

From your bug report, provide the bugs that you found. Give us the expected and actual result.

| Functionality | Expected Result | Actual Result | |
|----------------------|--|---|--|
| Home Page | Greeting message should display "Welcome" | Greeting message displays "HELLO" | |
| Side Menu | Side Menu consistent across all pages and contains options for Home, Task Board, Create, and Search. | Task Board and Search links are missing from the Side Menu | |
| Home Page | The page footer message is not compliant with the specification. The year should be 2021. | The year is 1997 instead of 2021. | |
| Side Menu | Upon click redirect the user to the Task Board. | No Task Board link available on the Side Menu. | |
| Side Menu | Upon click redirect the user to the Create Task window. | The Create link is not working. Upon click it does nothing. | |
| Side Menu | Upon click redirect the user to the Search window. | No Search link available on the Side Menu. | |
| Task Summary Section | Display the total number of tasks available in the system. Display a summary of tasks organized by boards, showing the board name and the number of tasks associated with each board. | Tasks are organized by boards, but without number of tasks against each board. | |
| Task Summary Section | Display a summary of tasks organized by boards, showing the board name and the number of tasks associated with each board. | Total sum of tasks by different boards is not verifiable because there is no number against each board. | |
| Quick Access Buttons | A button displayed below the summary section, upon click providing quick access to RESTful API. | Upon click the button does nothing. | |
| Task Board | Display tasks organized by boards in a grid layout. The boards should be ordered as follows: Open, In Progress, Done. | Boards not organized according to the specification. Actual result: Done, In progress, Open. | |
| Task Board | Users can select the "Task Board" option from the side menu, available on all pages of the application. | Task Board link missing from the Side Menu | |













| | | , |
|--|---|---|
| Create New Task through the Side Menu | Access "Create" from the Side Menu link. | Upon click on Create no action is performed. |
| Task Editing | Users can edit the title, description, or move the task to a different board. After editing, the user must click the "Edit" button to save the changes. | Edited title/description is not saved upon clicking "Edit". |
| Search | The user provides a blank keyword. The application should display a result or an error message. | Upon clicking search, no action is performed and no error message is displayed. |
| Search | Navigate to Search through the Side Menu | No Search link on the Side Menu |
| Search Results | Users will be able to view the total number of tasks found, which is indicated by a counter based on the search criteria. | "Sorry, I can't count." message displayed instead of the total number found. |
| Search Results | Each search result will provide essential information, including the task title, board name, and a brief description if available. | Board name section missing. |
| RESTful API | Users can access the Web API by clicking on the "Web API" option from the Quick Access Buttons. The Web API provides a set of endpoints for performing CRUD operations on tasks. | Upon click the RESTful API button does nothing. |
| Usability | The application should have a user-friendly interface with clear navigation menus. All pages should display the side menu with options to navigate to Home, Task Board, Create, and Search. | Side Menu links missing, Buttons doing nothing upon click |







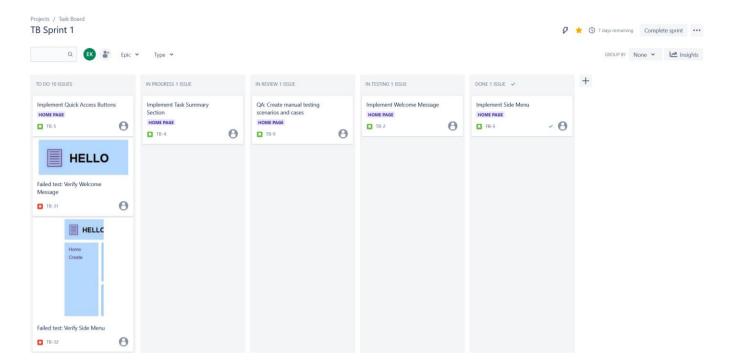






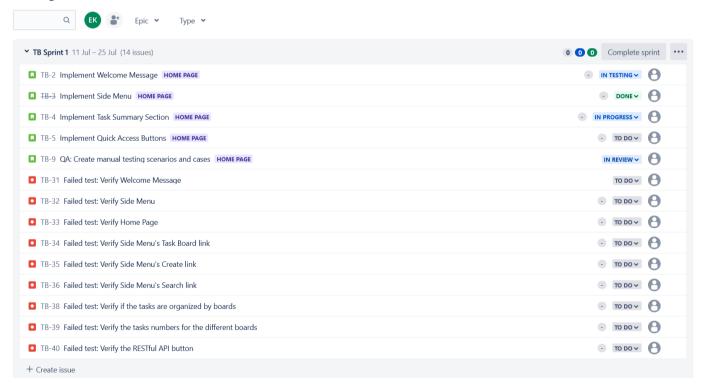






Projects / Task Board

Backlog







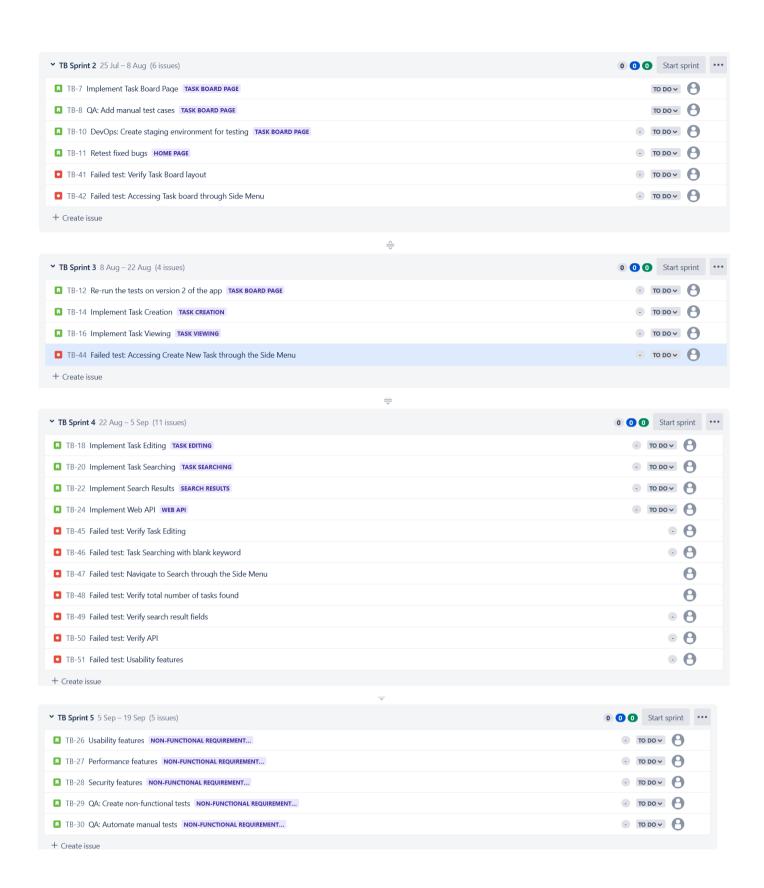


















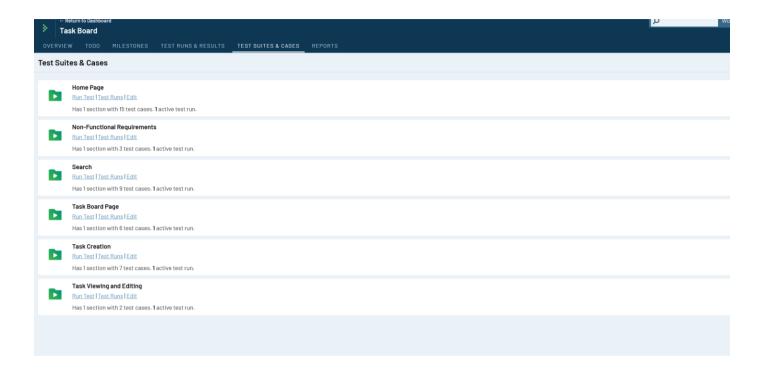


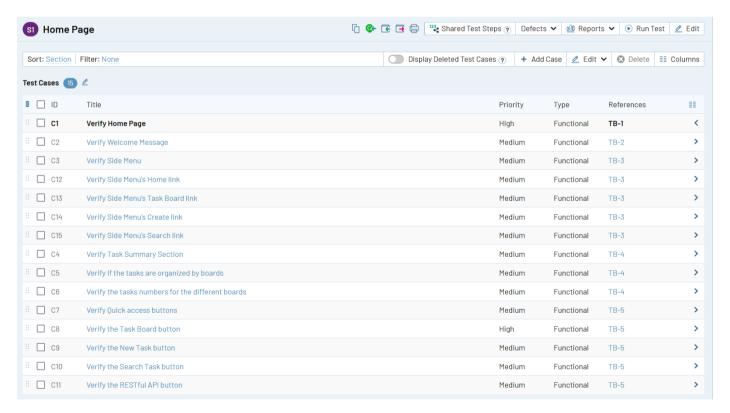
















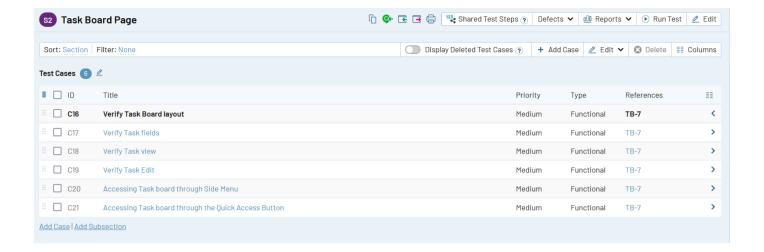


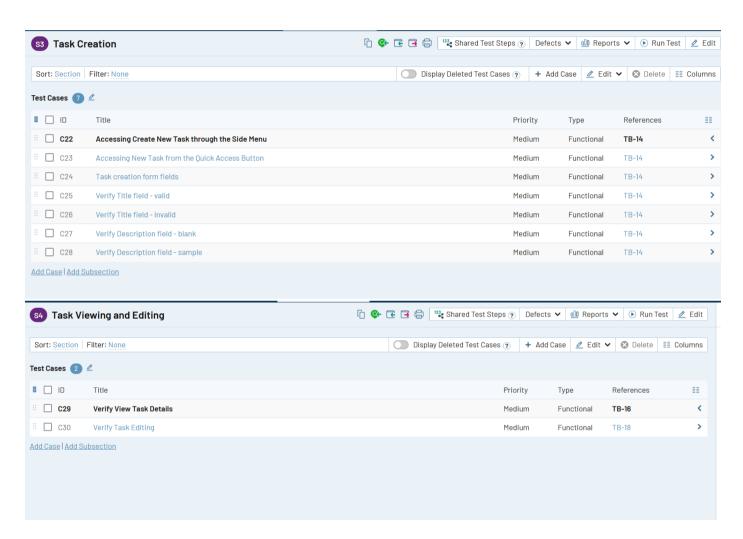




















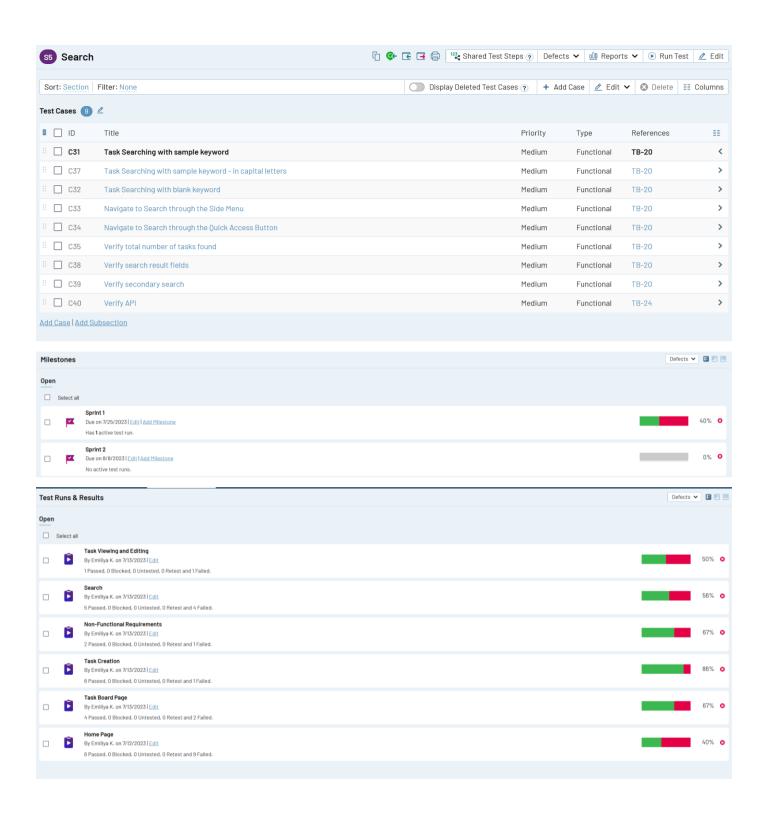








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| Activity | <u>History</u> Test Changes |
|--|-------------------------------|
| Thursday, July 13, 2023 | |
| Test Run Task Viewing and Editing | Created by Emiliya K. |
| Test Run Search | Created by Emiliya K. |
| Test Run Non-Functional Requirements | Created by Emiliya K. |
| Test Run Task Creation | Created by Emiliya K. |
| Test Sulto Non-Functional Requirements | Created by Emiliya K. |
| Test Sulte Search | Created by Emiliya K. |
| Test Sulte Task Viewing and Editing | Created by Emiliya K. |
| Test Suite Task Creation | Created by Emiliya K. |
| Test Rum Task Board Page | Created by Emiliya K. |
| Wednesday, July 12, 2023 | |
| Test Sulte Task Board Page | Created by Emiliya K. |
| Test Rum Home Page | Created by Emiliya K. |
| Milestone Sprint 2 | Created by Emiliya K. |
| Milestone Sprint 1 | Created by Emiliya K. |
| Tuesday, July 11, 2023 | |
| Test Sulte Home Page | Created by Emiliya K. |









