# Homework: Test Management and Issue Tracking

## User Stories

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

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| **Functionality** | **User Story** |
| 1. **Home Page** | Verify if the user is able to access the “Home Page” threw the Task Board application. |
| 1. Home Page | After the user open the Task Board App, verify if the user is greeted with a “Welcome” message. |
| 1. Home Page | After the user open the Task Board App, verify if the following sections are present on the “Home Page”:   * **Side menu.**   - Should contains option for [Home], [Task Board], [Create], and [Search].   * **Task summery section**   - Should display the total number of tasks available in the system  - Should display a summary of tasks organized by boards, showing the board name and the number of tasks associated with each board.   * **Quick Access button**   - Below the summary section, providing quick access to important actions. The buttons should include options for [Task Board], [Create Task], [Search Tasks], and [RESTful API]. |
| 1. **Task Board** | After the user open the Task Board App and click on [Task Board] button from “Side menu section” - verify if it navigate to the Task Board page. |
| 1. Task Board | After the user open the Task Board App and click on [Task Board] button from “Side menu section” verify if the users can select the "Task Board" option from the side menu, available on all pages of the application. |
| 1. Task Board | After the user open the Task Board App and click on [Task Board] button from “Quick Access button” section) -verify if it navigate to the Task Board page. |
| 1. Task Board | After the user open the Task Board App and click on [Task Board] button from “Side menu section” -verify if the tasks are organized by boards and are in the following order: “Open”, “In Progress”, “Done”. |
| 1. Task Board | After the user open the Task Board App and click on [Task Board] button from “Quick Access button” section) - verify if the tasks are organized by boards and are in the following order: “Open”, “In Progress”, “Done”. |
| 1. Task Board | After the user open the Task Board App and click on [Task Board] button from “Side menu section” -verify if each task include a title, brief description, and action options for viewing and editing. |
| 1. Task Board | After the user open the Task Board App and click on [Task Board] button from “Quick Access button” section - verify if each task include a title, brief description, and action options for viewing and editing. |
| 1. **Createon task** | After the user open the Task Board App and click on [Create task] button from “Side menu section” - verify if it navigate to the relevant page. |
| 1. Createon Task | After the user open the Task Board App and click on [Create task] button from “Side menu section” verify if the users can select the "Create task" option from the side menu, available on all pages of the application. |
| 1. Createon Task | After the user open the Task Board App and click on [Create task] button from “Side menu” section - verify if the user is able to create a new task by providing a title, description (optional), and selecting the board for the task. |
| 1. Createon Task | After the user open the Task Board App and click on [Create task] button from “Side menu” section - verify if the user is able to create a new task by providing a title, description (optional), and selecting the board for the task. It should be mandatory for the user to provide a title for the task. The application should validate the title field to ensure it is not empty before allowing the task to be created. |
| 1. Createon Task | After the user open the Task Board App and click on [Create task] button from “Quick Access button” section - verify if the user is able to create a new task by providing a title, description (optional), and selecting the board for the task. It should be mandatory for the user to provide a title for the task. The application should validate the title field to ensure it is not empty before allowing the task to be created. |
| 1. **View Task** | After the user open the Task Board App and click on [Create task] button from “Side menu section” verify if there is a [View] button associated with each task and if the user is able to view the complete details of a task. The task details page should display information such as the task title, description, board, date created, and date modified. |
| 1. View Task | After the user open the Task Board App and click on [Create task] button from “Quick Access button” section verify if there is a [View] button associated with each task and if the user is able to view the complete details of a task. The task details page should display information such as the task title, description, board, date created, and date modified. |
| 1. **Edit Task** | After the user open the Task Board App and click on [Create task] button from “Side menu section” verify if the user is able to edit a task by modifying the title, description, or moving it to a different board. After making the desired changes, the user should be able to save the edits. |
| 1. Edit Task | After the user open the Task Board App and click on [Create task] button from “Quick Access button” section, verify if the user is able to edit a task by modifying the title, description, or moving it to a different board. After making the desired changes, the user should be able to save the edits. |
| 1. **Search Task** | After the user open the Task Board App and click on [Search] button from “Side menu section” - verify if it navigate to the relevant page. |
| 1. Search Task | After the user open the Task Board App and click on [Search] button from “Side menu section” verify if the users can select the "Search" option from the side menu, available on all pages of the application. |
| 1. Search Task | After the user open the Task Board App and click on [Search Tasks] button from “Quick Access button” section) -verify if it navigate to the relevant page. |
| 1. Search Task | After the user open the Task Board App and click on [Search] button from “Side menu section” verify if the user is able to search for specific tasks by entering a keyword. The search results page should present relevant task information to the user, including the task title, board name, and a brief description if available.  Additionally, the search results page should display a counter indicating the total number of tasks found based on the search criteria. |
| 1. Search Task | After the user open the Task Board App and click on [Search Tasks] button from “Quick Access button” section, verify if the user is able to search for specific tasks by entering a keyword. The search results page should present relevant task information to the user, including the task title, board name, and a brief description if available.  Additionally, the search results page should display a counter indicating the total number of tasks found based on the search criteria. |
| 1. **Web API Documentation** | After the user open the Task Board App and click on [RESTful API] from “Quick Access button” section, verify if the user is able to access the API documentation, which provides detailed information about the  available endpoints, supported request methods, request parameters, and response formats. The API documentation serves as a reference guide for developers or users who wish to integrate the application with other systems or build custom applications using the API. |
| 1. **Usability** | Verify if the application 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. |
| 1. **Performance** | Verify if the application load tasks quickly, and the search functionality should return results in a timely manner. |
| 1. **Security** | Verify if any data manipulation such as task creation and editing should be conducted over secure connections. |

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

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| **Functionality** | **Expected Result** | **Actual Result** |
| 1. Home Page | Greeting message should display "Welcome" | Greeting message displays "Hello" |
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