# 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** |
| 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. |
| Welcome Message | As a user, I should be greeted with a "Welcome" message. |
| Side Menu | As a user, I should be able to access the Side Menu from all pages and must contain options for Home, Task Board, Create and Search. |
| Task Summary Section | As a user, I should be able to see the total number of tasks available in the system, a displayed summary of tasks organized by boards. I want to see the board name and the number of tasks associated with each board. |
| Quick Access Buttons | Being a user, I want to see the Quick Access Buttons below the summary section. They must provide me quick access to Task Board, Create Task, Search Tasks and RESTful API. |
| Task Board Page | As a user, I need to see tasks organized by boards in a grid layout, ordered as follows: Open, In Progress, Done. I also have to see the task title of each task, a brief description, and action options such as “View” and “Edit”. I should be able to access the Task Board Page from the side menu, available on all pages of the application, and from the quick access buttons. |
| Task Creation | Being a user, I should be able to create a new task by navigating to the "Create" option from either the side menu, or by clicking on the "New Task" button located on the Home Page for quick access. I need to see the following information in the task creation from: Title, Description, Board, Note. |
| Task Viewing | As a user, I want to view all tasks in the system organized by boards by selecting the "Task Board" option. I also should be able to view the complete details of a task by clicking the "View" button associated with each task. |
| Task editing | Being a user, I want to be able to edit each task. |
| Task searching | As a user, I want to search for specific tasks. |
| Search results | As a user, I want to view the total number of tasks found as well as to have the option to initiate a new search by entering a different keyword. |
| Web API | As a user, I want to access the Web API by clicking on the "Web API" option from the Quick Access Buttons. This should allow me to interact with the application programmatically. |

## 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** |
| Home Page | Greeting message should display "Welcome". | Greeting message displays "Hello" |
| Side Menu | Must contain options for Home, Task Board, Create and Search. | The options “Task Board” and “Search” are missing. |
| 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. | Doesn’t show the number of tasks associated with each board. |
| Quick Access Buttons | The buttons must provide quick access to options as follows: Task Board, Create Task, Search Tasks and RESTful API. | The RESTful API button is not working (the section cannot be opened). |
| Task Board Page | Display tasks organized by boards in a grid layout.  The boards should be ordered as follows: Open, In Progress, Done.  Each task should include the task title, a brief description, and action options such as "View" and "Edit."  Users can access the Task Board Page through the following methods:  · From the side menu: Users can select the "Task Board" option from the side menu, available on all pages of the application.  · From the quick access buttons: Users can click on the "Task Board" button located on the Home Page, providing a convenient shortcut to the Task Board Page. | The boards are not ordered in the correct way (Open, In Progress, Done) and the Task Board Page can’t be accessed from the Side Menu. |
| Task Creation | The user should be able to access the Task Creation tab from the side menu. | The button for the “Task Creation” tab is now working (can’t be pressed). |
| Task Viewing | The user should be to view the task status by clicking on the Task Board button, either from the Side Menu or from the Quick Access Buttons. | The Task Board Button is missing from the Side menu. |
| Task Editing | As a user, I have to be able to save changes after editing a specific task. | The changes can’t be saved by pressing the “Edit” button because the button is not working and cannot be pressed. |
| Task Searching | As a user, I should be able to access the Search Task function from the Quick Access Buttons as well as from the Side Menu. | The button “Search Task” is missing from the Side Menu. |