# 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 want to be greeted with a "Welcome" message when I access the Home Page of the Task Board application. |
| Side Menu Navigation | As a user, I want a side menu to be available on all pages, including the Home Page, Task Board Page, Create Task Page, and Search Page, so that I can easily navigate between different sections of the application. |
| Task Summary | As a user, I want to see a summary of tasks on the Home Page, including the total number of tasks available in the system and a breakdown of tasks organized by boards, showing the board name and the number of tasks associated with each board. |
| Quick Access Buttons | As a user, I want quick access buttons on the Home Page, including options for Task Board, Create Task, Search Tasks, and RESTful API, so that I can perform important actions with a single click. |
| Display Task Board | As a user, I want to see tasks organized by boards in a grid layout on the Task Board Page, where the boards are ordered as Open, In Progress, and Done. Each task should include the task title, a brief description, and action options for viewing and editing. |
| Navigate to Task Board Page | As a user, I want to be able to access the Task Board Page by selecting the "Task Board" option from the side menu on any page of the application. |
| Create Task | As a user, I want to create a new task by navigating to the "Create" option from the side menu or by clicking on the "New Task" button on the Home Page. The task creation form should require a title, optional description, and board selection. The title field should be validated to prevent task creation without a title. |
| View Task Details | As a user, I want to view all tasks in the system organized by boards on the Task Board Page. Each task should display its title, a brief description, and action options for viewing the complete details of a task. |
| Edit Task | As a user, I want to be able to edit a task's title, description, or move it to a different board. After making changes, I should be able to save the edited task by clicking the "Edit" button. |
| Search Tasks | As a user, I want to search for specific tasks by using the "Search" option accessible from the side menu on all pages and the quick access buttons on the Home Page. I should be able to enter a keyword and see all tasks whose title or description matches the keyword. |
| Display Search Results | As a user, I want the application to present search results in a clear and organized manner on the search page. I should be able to view the total number of tasks found, the task title, board name, and brief description for each search result. Additionally, I should have the option to initiate a new search by entering a different keyword. |
| Access Web API | As a user, I want to access the Web API by clicking on the "Web API" option from the Quick Access Buttons. The Web API should provide endpoints for performing CRUD operations on tasks, allowing 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" |
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