# 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** | |
| Welcome Message | As a user, I want to be greeted upon opening the webpage with the message “Welcome”, so that I feel welcomed. |
| Side Menu | As a user, I want to be able to access a side menu which contains options for Home, Task Board, Create, and Search. |
| Task Summary | 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 |
| Quick Access | As a user, I want to be able to access all the features of the platform from the quick access buttons. The buttons should include options for Task Board, Create Task, Search Tasks, and RESTful API. |
| **Task Board Page** | |
| Display tasks | As a user, I want to be able to see all tasks, organized by boards in a grid layout |
| Board Order | As a user, I want to be able to see the following order of the board: Open, In Progress, Done |
| Task Actions | As a user, I want to be able to select specific task actions for each task: "View" and "Edit." |
| Open from Side menu | As a user, I want to be able to open the Task Board Page from the side menu option. |
| Open from Quick Access | As a user, I want to be able to open the Task board page from quick access buttons. |
| **Task Creation** | |
| Create from side menu | As a user, I want to be able to create a task from the side menu option “Create”. |
| Create from Quick Access | As a user, I want to be able to create a task from quick access buttons “New Task”. |
| Task Creation Information | As a user, I want to see the following options when I create a task: Title, Descriptions, Board |
| Task Creation Requirements | As a user, I want to be required to input task Title, so I know which task I create. Also I want to be able to select the correct Board for my task, so it is organized correctly. |
| **Task Viewing** | |
| Task Board View | As a user, I want to see all my tasks in task board view with their title and description, so I know what I need to do. |
| Task Details View | As a user, I want to see a detailed page with all task information by clicking the “View button” |
| **Task Editing** | |
| Task Edit View | As a user, I want to be able to edit my task when I press the “Edit Task” button from single task view or the “Edit” button from the task board. |
| Task Edit Process | As a user, I want to be able to edit task details: “Title”, “Description and change the “Board” |
| **Task Searching** | |
| Task Searching Access | As a user, I want to be able to search for specific tasks when I press the “Search” button on the quick access on the home page or the “Search” option on the side menu |
| Task Searching Process | As a user, I want to be able to search for task, based on title and description, providing a keyword and pressing the “Search” button. I want to be able to do this more than once. |
| Task Search Results Counter | As a user, I want to see the total number of tasks, matching the search term. |
| Task Search Results View | As a user, I want to see all the matching task in a clear way, containing their Title, Description and buttons for View and Edit. |
| **Web API** | |
| Web API Access | As a user, I want to be able to access to the Web API documentation from the “Web API” button on the quick access. |
| Web API Information | As a user, I want to see all the endpoints for performing CRUD (Create, Read, Update, Delete) operations on tasks. |
| **Non-Functional** | |
| Site Performance | As a user, I want to access the webpage within 3 second from entering the URLl. |
| Search Performance | As a user, I want to have the search results not more than 2 second after I press the Search button. |

## 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 | 4 options should be present | Only “Home” and “Create” are present |
| Task Summary | With several present task – Task Summary shows correct total count and category count. | Total Count is present, but Category Count is missing |
| Quick Access | Quick Access Functional with all buttons Task Board, Create Task, Search Task, and Restful API leading to correct places. | Restful API button doesn’t work. All other buttons work correctly. |
| Task Board View Order | Task Board View Correct Order: Open. In Progress, Done | The current order is Done, In Progress, Open |
| Task Board Opens from side menu | Task Board Opens from side menu | No side menu is present |
| Task Creation Opens from side menu | Task Creation Opens from side menu | Link doesn’t work |
| Task Edit Functionality Edits the Task | Task Edit Functionality Edits the Task | Edit button doesn’t work and change the data |
| Task Search Accessible from “Search” link on the side menu | Task Search Accessible from “Search” link on the side menu | Not present |
| Task Search Result Counter Shows Correct Information | Task Search Result Counter Shows Correct Information | It shows “sorry, I cant count” |
| Web API View is Present | Web API View is Present | Button not working and cannot see the view |
| Site Loads in less than 3 second | Site Loads in less than 3 second | 8 seconds time |
| Search Result are shown in less than 2 second | Search Result are shown in less than 2 second | 3 second with delay |