# 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. |
| Home Page | As a user, i want to view a summary of tasks organized by boards, showing the board name and the number of tasks associated with each board. |
| Home Page | As a user, i want to view “Welcome” message accessing the Home Page. |
| Home Page | As a user, I want to view quick access buttons below the summary section who include options for Task Board, Create Task, Search Tasks and RESTful API, so I can use them. |
| Side Menu | As a user, i want to view Side Menu in all pages and contains options for Home, Task Board, Create, and Search, so I can use them. |
| Task Board Page | As a user, I want to view boards ordered as follows: Open, In Progress, Done, so i can navigate easy. |
| Task Board Page | As a user, I want to open Task Board Page from the option “Task Board” in the side menu, so i can operate on the page. |
| Task Board Page | As a user, I want to open Task Board Page by clicking on the "Task Board" button located on the Home Page, so i can operate on the page. |
| Task Board Page | As a user, I want to view all tasks in the system organized by boards by selecting the "Task Board" option and each task will display its title, a brief description, and action options, so I can easy navigate and use them. |
| Task Creation | As a user, I want 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. |
| Task Creation | As a user, I want to create task who must provide a title, description option and select the board where the task will be placed, so the task will be easy for use and find. |
| Task Creation | As a user, I should not be allowed to create task without a title, so I can find the task easy. |
| Task Viewing | As a user, iwant to click on the "View" button associated with each task, so I can view the complete details of a task. |
| Task Editing | As a user, I want to use the "Edit" option, so I can edit the title, description, or move the task to a different board and save the changes by clicking on the button “Edit” after that |
| Task Searching | As a user, I want to search for specific tasks by using the "Search" option, which is accessible from the side menu on all pages of the application, as well as from the quick access buttons on the Home Page, so I can easy find the task I need. |
| Search Results | As a user, I want to view the search results on the search page in a clear and organized manner with their task title, board name, and a brief description if available, so I can easy find the task I need |
| Search Results | As a user, I want the option to initiate a new search by entering a different keyword in the search field and clicking on the "Search" button again, so I can find other tasks I need. |
| Web API | As a user, I want to access the Web API who provides a set of endpoints for performing CRUD (Create, Read, Update, Delete) operations on tasks by clicking on the "Web API" option from the Quick Access Buttons , so I can 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" |
| Home Page | Quick access buttons should include options for Task Board, Create Task, Search Tasks, and RESTful API | Quick access buttons include options for Task Board, New Task, Search Tasks, and RESTful API |
| Home Page | Task Summary Section should display total number of tasks available in the system and a summary of tasks organized by boards: Open, In Progres, Done | Task Summary Section display total number of tasks available in the system, but don’t display a summary of tasks organized by boards: Open, In Progres, Done |
| Home Page | By clicking on the "Web API" option from the Quick Access Buttons should open Web API | The button "Web API" can not be clicked |
| Side Menu | In side menu should have options: Home, Task Board, Create, and Search | In side menu display options: Home, Create |
| Side Menu | When you click on “Create” option in side menu should open create task page | The “Create” button in side menu can not be clicked |
| Task Board Page | The boards should be ordered as follows: Open, In Progress, Done | The boards are ordered as follows: Done, In Progress, Open |
| Task Editing | After editing the title, description or move the task to onother board by clicking on the button “Edit” changes should be saved | After editing the title, description or move the task to onother board by clicking on the button “Edit” changes are not saved |
| 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 | Displays massage: “Sorry, I can’t count.” |
| Search Results | The search result should shown the board name of any task | Do not shown the board names of the tasks |
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