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# 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 | The user upon accessing the Home Page should be greeted with a **“Welcome”** message |
| Home Page | As a user, I want to go to the side menu and use it go to the **Home, Task Board, Create and Search s**ections |
| Home Page | I want to use the **Quick Access Buttons – Task Boards, Create Task, Search Tasks and Restful API** to navigate to the different sections of the application |
| 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 the summary of tasks organized by boards, showing the board name and the number of tasks associated with each board |
| Task Board Page | As a user, I want to navigate to the Task Board page through the side menu using the “Task Board” option and through the “Task Board” button located on the Home Page |
| Task Board Page | As a user, I want to view the tasks in the Task Board page organized by boards in a grid layout |
| Task Board Page | I want to access the tasks organized in the following order: **Open, In progress, Done** |
| Task Board Page | I would like to work on tasks which have a **tasks title, a brief description**, and options such as **View and Edit** |
| Task Creation | As a user, I want to navigate to the **“Create”** through the side menu or by clicking on the “New Task” button located on the Home Page for quick access |
| Task Creation | I could be able to create a new task by providing a title, description (optional) and selecting the board for the task. |
| Task Creation | As a user, I should create a new task with a title name as mandatory requirement and the title field should be not empty |
| Task Viewing | As a user, I want to view all tasks in the system organized by boards through the “Task Board” option. |
| Task Viewing | I want to see all the details for a task – its title, brief description and actions options through the View button associated by each task |
| Task Editing | As a user, I want to be able edit each task in the system by modifying its title, description or by moving it to a different board. |
| Task Editing | I want to be able to save all changes made by clicking on the “**Edit”** button |
| Task Searching | As a user, I should be able to search for a specific task in the system by using the **“Search”** button option from the side menu or by quick access button from the Home Page. |
| Task Searching | As a user, I would like to provide a key word and the application will provide all the tasks with title or description that matches the keyword |
| Search Results | I want to be able to see all search results on a search page in organized manner and the total number of tasks found, which is indicated by a counter based on the search criteria. |
| Search Results | As a user, in the sear result I want to see an essential information including the task title, board name, and brief description. |
| Search Results | I would like to be able to initiate a new search by entering a new key word and clicking on the **“Search”** button again |
| Web API | As a user, I should be able to access the **Web API** by clicking on the **“Web API”** button from the **Quick Access Buttons**. |
| Web API | I should be able to access the API documentation which provides a set of end points for performing the CRUD operations tasks. |

## 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 | Side menu should contain options for **Home, Task Board, Create and Search** | Side menu contain options only for **Home and Create** |
| Home Page | I want to use the **Quick Access Buttons – Task Boards, Create Task, Search Tasks and Restful API** to navigate to the different sections of the application | The **Quick Access Buttons Restful API** is not functioning |
| Home Page | The summary of tasks should be organized by boards, showing the board name and the number of tasks associated with each board | The summary of tasks is organized by boards, showing the board name but the **number of tasks associated with each board is missing** |
| Task Board Page | As a user, I want to navigate to the Task Board page through the side menu using the “Task Board” option and through the “Task Board” button located on the Home Page | The Task Board on the side menu is missing |
| Task Board Page | I want to access the tasks organized in the following order: **Open, In progress, Done** | The tasks are organized in the following order: **Done, In progress, Open** |
| Task Viewing | I want to see all the details for a task – its title, brief description and actions options through the View button associated by each task | The Date Created and Date Modified are the same for all tasks. |
| Task Creation | As a user, I want to navigate to the **“Create”** through the side menu or by clicking on the “New Task” button located on the Home Page for quick access | The **“Create”** button on the side menu is not working |
| Task Editing | I want to be able to save all changes made by clicking on the “**Edit”** button | The changes cannot be saved via the **“Edit”** button. The button is not functioning |
| Task Searching | As a user, I should be able to search for a specific task in the system by using the **“Search”** button option from the side menu or by quick access button from the Home Page. | The **“Search”** button option from the side menu is missing |
| Search Results | I want to be able to see all search results on a search page in organized manner and the total number of tasks found, which is indicated by a counter based on the search criteria. | The total number of tasks found is not displayed. Instead, a **“Sorry, I can’t count”** message is displayed. |
| Web API | As a user, I should be able to access the **Web API** by clicking on the **“Web API”** button from the **Quick Access Buttons**. | The **“Web API”** button from the **Quick Access Buttons** is not functioning |
| Web API | I should be able to access the **API documentation** which provides a set of end points for performing the CRUD operations tasks. | The **API documentation** which provides a set of end points for performing the CRUD operations tasks is not accessible |