**Test Plan for TODO Application**

**Test Environment:**

* Browser: Chromium family
* Operating System: Ubuntu

**Test Scope:**

* The test plan covers the testing of only happy paths for the main functionalities of TODO application, including task creation, editing, status management, deletion, and status views.

**Functionality Checklist:**

1. **Task Creation**

* User should be able to add a new task.
* Newly created task should be visible under the All and Active status tabs.

1. **Task Edit**

* User should be able to the description of an existing task.
* Changes made to the task should be saved and reflected in the task list.

1. **Task Status**

* User should be able to mark a task as complete.
* Completed tasks should be displayed under completed status tab.

1. **Task Deletion**

* User should be able to delete a task.
* Deleted task should be removed from the task list.

1. **Task Status Views**

* User should be able to view all tasks under All.
* User should be able to view only active tasks under Active.
* User should be able to view only completed tasks under completed.

**Test Use Cases using BDD Language:**

**Feature: Task Deletion**

* Given there is a task "Walk the dog" in the task list
* When the user deletes "Walk the dog" task
* Then "Walk the dog" task should be removed from the task list
* And a confirmation message should be displayed

**Feature: Task Edit**

* Given there is a task "Pay electric bill" in the task list
* When the user edits “Pay electric bill" with new description as “Pay latest electricity bill”
* Then “Pay electric bill” task should be updated as “Pay latest electricity bill”.
* And the changes should be reflected in the task list.

**Bug Report:**

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| --- | --- | --- | --- |
| **Description** | **Type** | **Severity** | **Priority** |
| Select all icon is showing pointer. Should be changed to hand glove as it is clickable | Bug |  |  |
| Radio button is showing pointer. Should be changed to hand glove as it is clickable | Bug |  |  |
| Select/Unselect all icon should be changed to checkbox instead of down arrow mark, as down mark is giving a sense of collapsible/expandable functionality | Bug |  |  |
| status view buttons background can be colour filled to give more clear visibility to the user | Enhancement |  |  |
| checkbox should be used instead of radio button for the tasks as they are multi select | Bug |  |  |
| user responsive message for task creation, deletion and update can be added | Enhancement |  |  |
| Edit icon/on hover tooltip can be added for each task instead of double click for better UX | Enhancement |  |  |
| On hover tooltips can be added for each status view buttons to give a clear information to the user about each status | Enhancement |  |  |