**Test Case: Searching and Filtering Functionality**

* **Test Case ID:** TC\_SF\_001
* **Title:** Verify Searching and Filtering Functionality in Project Management Board
* **Objective:** To ensure that the search and filter features accurately return results based on user input and selected criteria.
* **Test Environment:** Test environment URL, access credentials
* **Preconditions:** User must be logged into the platform with at least one project board containing multiple items (tasks, projects, etc.) with varying details (assigned to, status, dates, etc.).

Test Steps:

1. **Navigate to a Project Board:**
   * **Action:** Log in to the platform and navigate to an existing project board with multiple items.
   * **Expected Result:** The project board loads successfully, displaying items.
2. **Apply a Keyword Search:**
   * **Action:** Use the search bar to enter a specific keyword related to one or more items on the board (e.g., a task name).
   * **Expected Result:** Only items containing the keyword in their title or any other searchable field are displayed.
3. **Apply a Filter by Status:**
   * **Action:** Use the filter option to select a specific status (e.g., "Done").
   * **Expected Result:** Only items with the status "Done" are displayed on the board.
4. **Apply a Filter by Assignee:**
   * **Action:** Use the filter option to select a specific team member assigned to tasks.
   * **Expected Result:** Only items assigned to the selected team member are displayed.
5. **Combine Filters:**
   * **Action:** Apply multiple filters simultaneously (e.g., status "Done" and a specific assignee).
   * **Expected Result:** Only items that meet all selected criteria are displayed.
6. **Clear Filters:**
   * **Action:** Clear all applied filters.
   * **Expected Result:** All items on the board are displayed again, removing any filter effects.
7. **Save a Filter Setup (if applicable):**
   * **Action:** Save the applied filter setup for future use.
   * **Expected Result:** The filter setup is saved and can be quickly applied again from a saved filters list.

Postconditions:

* Filters and search criteria are cleared to avoid impacting subsequent tests.

Pass/Fail Criteria:

* **Pass:** All expected results are met, indicating that the search and filter functionalities are working as intended.
* **Fail:** Any deviation from the expected results may indicate a bug or issue with the search and filter functionalities.