1. **Positive Tests:**

Verify that the placeholder text "Select to filter" is displayed when the input field is empty.

Check that typing a valid filter term in the input field triggers the autocomplete suggestions.

Ensure that the input field accepts and displays text correctly without any formatting issues.

Test that selecting an option from the autocomplete list populates the input field with the selected value.

Validate that the input field can be cleared by deleting the text, and the placeholder reappears.

Confirm that the input field is accessible via keyboard navigation and can be focused using the Tab key.

1. **Negative Tests:**

Attempt to enter special characters (e.g., @, #, $, %) in the input field and verify that they are either rejected or handled appropriately.

Check that attempting to submit the form with an empty input field results in an error message or warning.

Verify that the autocomplete suggestions do not appear when the input field is empty.

Test the behavior of the input field when the user tries to paste a long string of text that exceeds the expected character limit.

Ensure that the input field does not accept invalid data types (e.g., numbers or symbols if only text is expected).

1. **Creative Test Scenarios:**

Simulate a scenario where a user types rapidly in the input field and verify that the autocomplete suggestions remain responsive and accurate.

Test the input field's behavior when the browser's autofill feature is triggered and check if it conflicts with the custom input functionality.

Explore the accessibility features by using screen readers to ensure that the input field and its functionalities are properly announced to users with visual impairments.

Validate how the input field behaves when the user switches between languages (e.g., typing in a different language) and check if it supports multiple language inputs.

Test the responsiveness of the input field on various screen sizes and orientations (e.g., mobile devices vs. desktops) to ensure usability across platforms.