

PICK Tool Scenario: Search Log Entries

Preconditions:

- The system contains log entries.
- The analyst wants to search the log entries within the system.

Postconditions:

- On the successful application of the filter, the system displays any log entries based on the filter constructed by the analyst.

Actors:

- Analyst

1. The analyst clicks on the “Filter” page tab.
2. The system displays the *Filter Configuration* page and indicates it is in “search” mode
3. The analyst clicks on the “Keyword Search” text box.
4. The system displays a blinking text cursor within the “Keyword Search” text box and indicates the user can type.
5. The analyst enters a search query.
6. The system displays the user’s search query input
7. The analyst selects one or more checkboxes under the “Creator” section (ALT 1).
8. The system displays a visual check mark inside the selected checkbox(es).
9. The analyst selects one or more checkboxes under the “Event Type” section (ALT 2).
10. The system displays a check mark inside the selected checkbox(es)
11. The analyst clicks on the “Start Timestamp” text box.
12. The system displays a blinking text cursor within the “Start Timestamp” text box and indicates the user can type.
13. The analyst enters the Start Timestamp (ALT 3).
14. The system displays the user’s Start Timestamp input
15. The analyst clicks on the “End Timestamp” text box.
16. The system displays a blinking text cursor within the “End Timestamp” text box and indicates the user can type.
17. The analyst enters the End Timestamp (ALT 4).
18. The system displays the user’s End Timestamp input
19. The analyst clicks the “Apply Filter” button.
20. The system filters log entries based on the user’s defined constraints (ALT 5).
21. The system displays the log entries that match the user’s defined constraints.
22. End of Use Case

Scenario: Search Log Entries

ALT 1: The analyst selects no checkboxes in the “Creator” section.

A1-1: The system displays a warning to the analyst, stating “At least one checkbox must be selected.”

A1-2: The system remains idle until the analyst selects one or more checkboxes in the “Creator” section (ALT 1.1).

A1-3: Use Case continues at step 8.

ALT 1.1: The analyst exits the Filter tab.

A1.1-1: The system saves any options that were selected in the Filter tab.

A1.1-2: End of Use Case.

ALT 2: The analyst selects no checkboxes in the “Event Type” section.

A2-1: The system will display a warning to the analyst, stating “At least one checkbox must be selected.”

A2-2: The system remains idle until the analyst selects one or more checkboxes in the “Event Type” section (ALT 2.1).

A2-3: Use Case continues at step 10.

ALT 2.1: The analyst exits the Filter tab.

A2.1-1: The system saves any options that were selected in the Filter tab.

A2.1-2: End of Use Case.

ALT 3: The analyst enters a timestamp that occurs before the *Start Timestamp* defined in the *Event Configuration*.

A3-1: The system will display a warning to the analyst, stating “Invalid input. The entered timestamp must occur after the ‘Start Timestamp’.”

A3-2: The system clears the Start Timestamp text box and remains idle until the analyst enters a timestamp.

A3-3: Use Case continues at step 14.

ALT 4: The analyst enters a timestamp that occurs after the *End Timestamp* defined in the *Event Configuration*.

A4-1: The system displays a warning to the analyst, stating “Invalid input. The entered timestamp must occur before the ‘End Timestamp’.”

A4-2: The system clears the End Timestamp text box and remains idle until the analyst enters a timestamp.

A4-3: Use case continues at step 18.

ALT 5: The system finds a problem(s) with the filter's constructed constraints.

A5-1: The system will display the appropriate warning(s) to the analyst of issue(s) found with the given conditions.

A5-2: The system will clear any of the conditions that are associated with a problem.

A5-3: The system will remain idle until the analyst enters the remaining conditions for the filter.

A5-4: The analyst enters the missing conditions in the filter.

A5-6: The system will display the entered conditions by the analyst.

A5-7: Use Case Continues at step 19.