



Phoenix Suite - 02 - [Test Suite] Session Release Test Suite

Test Specification

Project: Phoenix Suite

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Scope

Phoenix Suite is a patient manager designed for osteopaths.

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1.1 Test Suite : 01 - Phoenix Nest

Test Case phoenix-4: Phoenix Nest - GUI check

Summary:

This test will check the integration of the session feature and if the basics are implemented.

Steps:

1. The main menu strip contains: Files, Session, Administration, Help.
2. There's a short-cut menu ribbon with a short-cut for the *session opener*.
3. By clicking the short-cut described in point 2, you open the search box.
4. By clicking the menu item Files/Open session, you open the search box.

Expected Results:

1. The window is as described.
2. The window is as described.
3. All is as described.
4. All is as described.

Requirements 01SessionRelease: 01 - Session Release

1.2 Test Suite : 02 - Patient Searcher

Contains all the test for the Patient searcher.

Test Case phoenix-1: Patient Searcher - GUI check

Summary:

This test case checks if the GUI contains all the graphic specifications.

Steps:

Check if the patient search box contains all the items:

- The upper group box contains a list of criterion.
- Each criterion has a check box, a label with the criterion's name and a control (that can be a text box, a button, a numeric up/down, or whatever).
- The criterion list should have these criterion:
 - Name.
 - Surname.
 - Mail.
 - Private phone number.
 - Private mobile phone.
 - Professional phone number.
 - Professional mobile phone.
 - Date of birth.
 - City.
 - Sex.
- The middle of the window should contain a ComboBox to choose the way to display items. Try each choice, it should do what it says.
- If you uncheck a criterion, it should be greyed out, and vice versa.
- The cancel button should close the search without opening a new session.
- The search button should start the search and activate the progress bar in the bottom.
- As soon as the search is finished, the progress bar should stop working.
- A search should populate a DataGridView with the result of the search.
- The "Select" button in the bottom of the window should be greyed out while the DataGridView is empty.
- If you click on the select button and you did not select any patient, nothing should happen.

Expected Results:

Report all the glitches found while executing this test as a unique bug.

Don't report bugs relating to search in this test!

Requirements 01SessionRelease: 01 - Session Release

Test Case phoenix-2: Patient Searcher - normal scenario

Summary:

This test check the normal scenario of the search. Before doing anything check you have a test database with test data in it. The tester should know the data such a way he can spot any wrong result.

Steps:

1. Select a user in the database and note the information about him. He'll be called John Doe in this test.
2. Select the "Name" and "Surname" criterion.
3. Enter the exact name and surname and execute the search.
4. Uncheck the surname criterion and fill the name with a part of the name of John Doe such a way you can find more than one result.
5. Uncheck all the criterion but the birth-date and put the birth-date of John Doe.
6. Do the same with all the criterion but once at a time.
7. Do the same 3 times with 2 criterion randomly chosen by the tester.

Expected Results:

1. ...
2. ...
3. John Doe should appear in the result.
4. You have a lit of patient that contains, among other John Doe and which fits the criterion of the search.
5. The result should contain John Doe and all the patient that has the exact birth-date.
6. The result should contain all the patient that full-fill the criterion.

Requirements

01SessionRelease: 01 - Session Release

Test Case phoenix-3: Patient Searcher - erroneous scenario

Summary:

This test check the erroneous scenario of the search. That's: scenario that'll pop up warning/error messages.

Before doing anything check you have a test database with test data in it. The tester should know the data such a way he can spot any wrong result.

Steps:

1. Select the "Name" and "Surname" criterion.
2. Enter number for the name and execute the search. (Redo this step with 'Surname' and 'City')
3. Uncheck all the criterion but the birth date and put a date older than 150 years ago and try to start a search.
4. Uncheck all the criterion but the phone number and try to put letters. (Redo this step with all the phone related criterion)
5. Uncheck all the criterion but the mail number and try to put bad written address. (I.e. no '@' sign)
6. Uncheck all the criterion and start a search.
7. Use a big database, start a long search and close the window

Expected Results:

1. ...
2. A warning message asking to check criterion should appear and an error provider next the wrong criterion should explain the error.
3. A warning message asking to check criterion should appear and an error provider next the wrong criterion should explain the error.
4. You shouldn't be able to enter numbers.
5. A warning message asking to check criterion should appear and an error provider next the wrong criterion should explain the error.
6. A warning message asking to select at least one criterion should appear and the search shouldn't be launched.
7. Nothing special should happen. Be sure the search thread is really finished before considering that test as a succeeded test.

Requirements

01SessionRelease: 01 - Session Release

Test Case phoenix-5: Patient Searcher - validity test

Summary:

This test will verify the configurability and the pertinence of all the validity checks

Steps:

1. Enter a number for the "*name*" criterion.
2. Enter a number of the "*surname*" criterion.
3. Enter an invalid mail.
4. Enter a date of birth that is before 1/1/1860.
5. Enter a phone number that not respect the pattern.
6. Enter a mobile phone number that not respect the pattern.
7. Enter an inscription data that is before than the birth-date.
8. Start a search.
9. Uncheck all the criterions.
10. Start a search.
11. Change the configuration file and set new values.
12. Redo steps from 3 to 8.
13. Redo steps from 3 to 8 with value that respect the configuration.

Expected Results:

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...
8. A warning message appears and explains some criterions are invalid. Next each bad encoded criterion, there's a error message.
9. ...
10. A warning message appears and explains no criterions are selected.
11. ...
12. The result should be similar to point 8.
13. The search should go seamlessly

Requirements

01SessionRelease: 01 - Session Release