

Computers Sample Application Regression Plan

This Document contains a plan for the regression tests for the Computer Sample Application.

Test Case #1 - Validate that the 'Dashboard page' is loaded

Steps

1. Given I am on the Computers dashboard page
2. When I am on the 'Dashboard page'
3. Then I should see the 'Dashboard page' loaded

Expected Outcome

The User should see the 'Dashboard page' loaded with the following components:

- Input box for search
- Button with the text 'Filter by Name'
- List of all available computers
- Button 'Add a new computer'

Test Case #2 - Validate that the 'Add a new computer page' is loaded

Steps

1. Given I am on the Computers dashboard page
2. When I click on the 'Add a new computer' button
3. And I am on the 'Add a new computer' page
4. Then I should see the 'Add a new computer' page displayed

Expected Outcome

The User should see the 'Add a computer page' loaded with the following components:

- Input box for 'Computer name' with label
- Input box for 'Introduced date' with label
- Input box for 'Discontinued date' with label
- Combo box for 'Company' with label and company options
- Button with the text 'Create this computer'

Test Case #3 - Validate that the 'Computer name' field is required on the 'Add a computer' page

Steps

1. Given I am on the Computers dashboard page
2. When I click on the 'Add a new computer' button
3. And I am on the 'Add a new computer' page
4. And I fill the 'Computer name' field with an empty value
5. Then I should see the highlighted error on the field 'Computer name'

Expected Outcome

The User should see the 'Add a computer page' loaded with a red highlight indicating that the 'Computer name' field is required.

Test Case #4 - Validate that the 'Introduced date' field only accepts dates on the format 'yyyy-MM-dd'

Steps

1. Given I am on the Computers dashboard page
2. When I click on the 'Add a new computer' button
3. And I am on the 'Add a new computer' page
4. And I fill the 'Introduced date' field with any of the following values
 - 01-01-2017;
 - 01-31-2017;
 - 99-99-2017;
 - 2017-99-01;
 - 2017-12-32;
 - 2017-12-00;
5. Then I should see the highlighted error on the field 'Introduced date'

Expected Outcome

The User should see the 'Add a computer page' loaded with a red highlight indicating that the 'Introduced date' field is filled with an invalid value.

Test Case #5 - Validate that the 'Discontinued date' field only accepts dates on the format 'yyyy-MM-dd'

Steps

1. Given I am on the Computers dashboard page
2. When I click on the 'Add a new computer' button
3. And I am on the 'Add a new computer' page
4. And I fill the 'Discontinued date' field with any of the following values
 - 01-01-2017;
 - 01-31-2017;
 - 99-99-2017;
 - 2017-99-01;
 - 2017-12-32;
 - 2017-12-00;
5. Then I should see the highlighted error on the field 'Discontinued date'

Expected Outcome

The User should see the 'Add a computer page' loaded with a red highlight indicating that the 'Discontinued date' field is filled with an invalid value.

Test Case #6 - Validate that the user can add a new computer and sees the success message

Steps

1. Given I am on the Computers dashboard page
2. When I click on the 'Add a new computer' button
3. And I am on the 'Add a new computer' page
4. And I fill the 'Computer name' field with valid values
5. And I fill the 'Introduced date' field with valid values
6. And I fill the 'Discontinued date' field with valid values
7. And I fill the 'Company' field with valid values
8. And I click on the 'Create new computer' button
9. Then I should see the success message on 'Dashboard' page

Expected Outcome

The User should be able to see the confirmation message that a new computer was created on the application 'Dashboard' page.

Test Case #7 - Validate that the User can filter computers by name

Steps

1. Given I am on the Computers dashboard page
2. When I fill the search field with a Computer name
3. And I click on the 'Filter by name' button
4. Then I should see the 'Computer name', Introduced Date, Discontinued date and company displayed on the results table

Expected Outcome

The User should be able to see all the information related to the 'Computer name' that he filtered on the 'Dashboard' page

Test Case #8 - Validate that the application shows existent computer details

Steps

1. Given I am on the Computers dashboard page
2. When I fill the search field with a Computer name
3. And I click on the 'Filter by name' button
4. Then I should see the 'Computer name', Introduced Date, Discontinued date and company displayed on the results table
5. When I click on the 'Computer name' on the results table
6. Then I should see the 'Add a computer' page with the fields filled with computer information

Expected Outcome

The User should be able to see all the fields properly filled on the 'Add a new computer' page, related to the computer that was previously selected.

Test Case #9 - Validate existent computers can be updated

Steps

1. Given I am on the Computers dashboard page
2. When I fill the search field with a Computer name
3. And I click on the 'Filter by name' button
4. Then I should see the 'Computer name', Introduced Date, Discontinued date and company displayed on the results table
5. When I click on the 'Computer name' on the results table
6. Then I should see the 'Add a computer' page with the fields filled with computer information
7. When I update the 'Computer name' with a different value
8. And I click on the 'Save this computer' button
9. Then I should see the success message on the 'Dashboard' page

Expected Outcome

The User should be able to see search for a particular computer by name, select the computer on the results list and update the 'Computer name' field.

Test Case #10 - Validate existent computers can be deleted

Steps

1. Given I am on the Computers dashboard page
2. When I fill the search field with a Computer name
3. And I click on the 'Filter by name' button
4. Then I should see the 'Computer name', Introduced Date, Discontinued date and company displayed on the results table
5. When I click on the 'Computer name' on the results table
6. Then I should see the 'Add a computer' page with the fields filled with computer information
7. And I click on the 'Delete this computer' button
8. Then I should see the success message on the 'Dashboard' page

Expected Outcome

The User should be able to see search for a particular computer by name, select the computer on the results list and delete the computer from the application's database.