**Test Cases**

**url** – <http://computer-database.herokuapp.com/computers>

**Scenario: Should be able to see the results when searched by name**

Given I am in the homepage

When I enter ‘Dell’ in the search box

And I click on ‘Filter by name’ button

Then I can see all computer names with ‘Dell’

**Scenario: Nothing should be displayed when entered invalid character in the search box**

Given I am in the homepage

When I enter ‘?’ in the search box

And I click on ‘Filter by name’ button

Then I can see ‘Nothing to display’

**Scenario: User should not be able to add a new computer without adding a computer name**

Given I am in the homepage

When I click on ‘Add a new computer’ button

Then I navigate to ‘new’ page

And I can see ‘Add a computer ‘ title on the top of the page

When I enter introduced date as ‘2000-01-01’

And I enter discontinued date as ‘2015-12-31’

And I select company as ‘Sony’

And I click on ‘Create this computer’ button

Then I should not be able to create the computer

And I can see computer name field is in red colour

**Scenario: Number of computers should be increased when new computer is created**

Given I am in the homepage

Then I can see the number of computers in the title

When I click on ‘Add a new computer’ button

Then I navigate to ‘new’ page

And I can see ‘Add a computer ‘ title on the top of the page

When I enter computer name as ‘TestNumber’

And I enter introduced date as ‘2000-01-01’

And I enter discontinued date as ‘2015-12-31’

And I select company as ‘Sony’

And I click on ‘Create this computer’ button

Then I navigate to homepage

Then I can see number of computers has increased by one

**Scenario: Shouldn’t accept incorrect date format**

Given I am in the homepage

When I click on ‘Add a new computer’ button

Then I navigate to ‘new’ page

And I can see ‘Add a computer ‘ title on the top of the page

When I enter computer name as ‘TestDate’

And I enter introduced date as ‘2000/01/01’

And I enter discontinued date as ‘2015/12/31’

And I select company as ‘Sony’

And I click on ‘Create this computer’ button

Then I should not be able to create the computer

And I can see date fields are in red colour

**Scenario: Create/Read/Update/Delete a Computer**

Given I am in the homepage

When I click on ‘Add a new computer’ button

Then I navigate to ‘new’ page

And I can see ‘Add a computer ‘ title on the top of the page

When I enter computer name as ‘Test’

And I select company as ‘Apple Inc’

And I click on ‘Create this computer’ button

Then I navigate to homepage

And I can see success message as ‘Done! Computer Test has been created’

When I enter ‘Test’ in the search box

Then I can see ‘Test’ computer displayed

When I click on ’Test’ computer

And I enter introduced date as ‘2000-01-01’

And I enter discontinued date as ‘2015-12-31’

And I click on ‘Save this computer’

Then I can see success message as ‘Done! Computer Test has been updated’

When I enter ‘Test’ in the search box

Then I can see ‘Test’ computer displayed

When I click on ’Test’ computer

Then I can see ‘Delete this computer’ button

When I click on ‘Delete this computer’ button

Then I can see message ‘Done! Computer has been deleted’

When I click on ’Test’ computer

Then I can see ‘Nothing to display’

**Important Notes for functionalities of the application**

**There are some points given below to update in the application to maximise the quality.**

1. It shouldn’t be allowed to add a new computer having same name as an existing computer. .
2. When adding a new computer , computer name should be accepted only if it contains letters(only numbers and special character shouldn’t be accepted as name)
3. It shouldn’t be accepted a discontinued date which is prior to introduced date, when adding date fields
4. It should be prompted an alert before deleting a computer requesting confirmation to delete.