# Computer Database

**Test Case ID:** STD-001

**Requirements:** Req-XXXX

**Description:** Verify adding a new computer, filtering by name, pagination and table content features.

**Pre-conditions:** Open <http://computer-database.herokuapp.com/computers> link with Firefox, Explorer and Chrome at the same time and run all steps in all of the browsers.

**Test Steps:**

| Step No | Test Cases | Test Data | Expected Results | Pass/Fail | Actual Results |
| --- | --- | --- | --- | --- | --- |
|  | Note count of computers found label on the top. Click “Add a new computer” on the right top button. | - | “Add a computer” screen opens. | Pass | - |
|  | Click “Create this computer” button on the buttom left | - | Computer name is required and return red, Introduced date, discontinued date, company are not required. Do not create a new computer. | Pass | - |
|  | Write the given values and click “Create this computer” button. | Computer name: Computer1  Introduced date: abc | Introduced date returns red because of invalid value and do not create a new computer. | Pass | - |
|  | Write the given values and click “Create this computer” button. | Computer name: Computer1  Introduced date: 2011-11-11  Discontinued date: 123 | Discontinued date returns red because of invalid value and do not create a new computer. | Pass | - |
|  | Write the given values and click “Create this computer” button. | Computer name: Computer1  Introduced date: 2011-11-11  Discontinued date: 2011-21-23 | Discontinued date returns red because of invalid value (MM:21) and do not create a new computer. | Pass | - |
|  | Write the given values and click “Create this computer” button. | Computer name: Computer1  Introduced date: 2011-11-11  Discontinued date: 2011-11-23 | Systemreturns **“Done!** Computer 1 has been created” information on the up of the table. | Pass | - |
|  | Check the count of computers found label and compare with your notes. Note last count of computers found label | Step 1 count note | Number increase 1. | Pass | - |
|  | Write “Computer” in “Filter by computer name…” on the left top area and click “Filter by name”. Check table for new computer on the main screen. | Computer name: Computer1  Introduced date: 2011-11-11  Discontinued date: 2011-11-23 | Each columns have right values and company column has no value (-) | Pass | - |
|  | Click “Add a new computer” on the right top button. Write the given values and click “Create this computer” button. | Computer name: Computer2  Introduced date: 2011-11-12  Company: Apple Inc. | Systemreturns **“Done!** Computer 1 has been created” information on the up of the table. | Pass | - |
|  | Check the count of computers found label and compare with your notes. Note last count of computers found label. | Step 7 count note | Number increase 1. | Pass | - |
|  | Write “Computer” in “Filter by computer name…” on the left top area and click “Filter by name”. Check table for new computer on the main screen. | Computer name: Computer2  Introduced date: 2011-11-12  Company: Apple Inc. | Each columns have right values and Discontinued date column has no value (-). | Pass | - |
|  | Click “Add a new computer” on the right top button. Write the given values and click “Create this computer” button. | Computer name: Computer2  Introduced date: 2011-11-12  Company: Apple Inc. | Systemreturns **“Done!** Computer 1 has been created” information on the up of the table. | Pass | - |
|  | Check the count of computers found label and compare with your notes. Note last count of computers found label. | Step 10 count note | Number increase 1. | Pass | - |
|  | Write “Computer” in “Filter by computer name…” on the left top area and click “Filter by name”. Check table for new computer on the main screen. | Computer name: Computer2  Introduced date: 2011-11-12  Company: Apple Inc. | System allows same computer name and values. | Pass | - |
|  | Click “Add a new computer” on the right top button. Write the given values and click “Cancel” button. Write “Computer” in “Filter by computer name…” on the left top area and click “Filter by name”. | Computer name: Computer3  Introduced date: 2011-03-12  Discontinued date: 2011-03-23  Company: Apple Inc. | System do not return information and do not create a new computer. | Pass | - |
|  | Write “COMPUTER” in “Filter by computer name…” on the left top area and click “Filter by name”. |  | System lists all computers whose names include “computer” with new created Computer1, Computer2. Filter area is not key sensitive. | Pass | - |
|  | Click “Filter by computer name…” area without writing values. | Clear the filter area | Previous search values are listed. Most searched “Computer” lists first. | Fail | Passes with Chrome, fail with Explorer and Firefox |
|  | Write “Computer1” in “Filter by computer name…”. Click “Filter by name” 5 times and clear the filter area. Click “Filter by computer name…” area without writing values. |  | Previous search values are listed. Most searched value “Computer1” lists first and continues like Computer, COMPUTER. | Fail | Passes with Chrome, fail with Explorer and Firefox |
|  | Click table column “Computer name”. |  | Table lists with Computer name’s alphabetical order. | Fail | Column did not list with alphabetical order. |
|  | Click table column “Introdused”. |  | Table lists with Introdused’s alphabetical order. | Fail | Column did not list with alphabetical order. |
|  | Click table column “Discontinued”. |  | Table lists with Discontinued’s alphabetical order. | Fail | Column did not list with alphabetical order. |
|  | Click table column “Company”. |  | Table lists with Company’s alphabetical order. | Fail | Column did not list with alphabetical order. |
|  | Check “Previous” button on the right buttom. |  | Button is disable for click in list’s first page. | Pass | - |
|  | Click “Next” button on the right buttom. |  | Displaying of list’s fist 10 computer page change next 10 computer page. The label between “Previous” and “Next” changes from “Displaying 1 to 10 of XX (last count of computers)” to “Displaying 11 to 20 of XX (last count of computers)”. | Pass | - |
|  | Click “Previous” button on the right buttom. |  | Button is enable for click. Displaying of list’s second 10 computer page change previous 10 computer page. The label between “Previous” and “Next” changes from “Displaying 11 to 20 of XX (last count of computers)” to “Displaying 1 to 10 of XX (last count of computers)”. | Pass | - |
|  | Check “Previous” botton. |  | Button is disable for click in list’s first page. | Pass | - |
|  | Click “Next” button untill last page. Check “Next” button. |  | Button is disable for click in list’s last page. | Pass | - |
|  | Write “Computer2” in “Filter by computer name…” on the left top area and click “Filter by name”. Click “Computer2”, update values and click “Save this computer” button. | Computer name: Computer3  Introduced date: 2011-12-12  Company: Sony | Systemreturns **“Done!** Computer 2 has been updated” information on the up of the table. | Pass | - |
|  | Write “Computer2” in “Filter by computer name…” on the left top area and click “Filter by name”. Click “Computer2” and click “Delete this computer” button on the right top. |  | Systemreturns **“Done!** Computer has been deleted” information on the up of the table. | Pass | - |
|  | Write “Computer2” in “Filter by computer name…” on the left top area and click “Filter by name”. |  | Systemreturns “No computers found” information on the up of the filter area. | Pass | - |