TEST PLAN

I Test Case: Landing page

Preconditions:

* Application is up and running

Steps:

|  |  |  |
| --- | --- | --- |
| # | Steps | Expected results |
| 1 | Navigate to: http://computer-database.herokuapp.com/computers | Landing page appears with:  - Title: ”Computer database”  - Subtitle: ”Play sample application — Computer database”  - Heading text: Info about inventory  - Search field  - Search button “Filter by name”  - Add button “Add a new computer”  - Table with columns: (“Computer name”, “Introduced”, “Discontinued”, “Company”)  - Pagination |

II Test Case: Add new computer

Preconditions:

* Application is up and running
* User is on Landing page

Steps:

|  |  |  |
| --- | --- | --- |
| # | Steps | Expected results |
| 1 | Click on button “Add new computer”. | New page appears with:  - Heading text: “Add a computer”  - Form with fields: (“Computer name”, “Introduced date”, “Discontinued date”, Company)  - Buttons: (“Create a computer”, “Cancel”) |
| 2 | Navigate to field “Computer name” and populate it with name info “Amiga3000”. | Field is populated. |
| 3 | Navigate to field “Introduced date” and populate it with date info “1995-02-15”. | Field is populated. |
| 4 | Navigate to field “Discontinued date” and populate it date info “2000-04-17”. | Field is populated. |
| 5 | Navigate to field Company and from drop-down list select company “Amiga Corporation”. | Field is populated with selected company. |
| 6 | Click on button “Create this computer”. | Landing page appears with message:  “Done! Computer Amiga3000 has been created”  Total sum of created computers in Heading text is greater for one |
| 7 | Repeat steps (1-5) |  |
| 8 | Click on button “Cancel” | Landing page appears.  Total sum of created computers in Heading text is unchanged. |
| 9 | Repeat steps (1-5), do not populate field “Computer name” |  |
| 10 | Click on button “Create this computer” | New computer is not added and field “Computer name” is red highlighted as Required |
| 11 | Repeat steps (1-5),  Fields (“Introduced date”, “Discontinued date”) populate with wrong date format. |  |
| 12 | Click on button “Create this computer” | New computer is not added and fields (“Introduced date”, “Discontinued date”) are red highlighted as wrong |

III Test Case: Edit computer

Preconditions:

* Application is up and running
* User is on Landing page

Steps:

|  |  |  |
| --- | --- | --- |
| # | Steps | Expected results |
| 1 | Populate Search field with “Amiga3000”. | Field is populated. |
| 2 | Click on button “Filter by name”. | Observe, only computer with requested name is shown. |
| 3 | Click on shown computer name | New page appears with:  - Heading text: “Edit computer”  - Form with fields: (“Computer name”, “Introduced date”, “Discontinued date”, Company)  - Buttons: (“Create a computer”, “Cancel”, “Delete this computer”) |
| 4 | Navigate to field “Computer name” and populate it with name info “Commodore64”. | Field is populated. |
| 5 | Navigate to field “Introduced date” and populate it with date info “1993-02-15”. | Field is populated. |
| 6 | Navigate to field “Discontinued date” and populate it date info “1999-04-17”. | Field is populated. |
| 7 | Navigate to field Company and from drop-down list select company “Commodore International”. | Field is populated with selected company. |
| 8 | Click on button “Save this computer” | Landing page appears with message:  “Done! Computer Commodore64 has been created”  Total sum of created computers in Heading text is unchanged. |
| 9 | Repeat steps (1 - 7) |  |
| 10 | Click on button “Cancel” | Landing page appears.  Total sum of created computers in Heading text is unchanged. |
| 11 | Navigate to field computer name “Commodore64” in table. | Observe, data is unchanged. |
| 12 | Navigate to field computer name “Commodore64” in table and edit it. | Edit computer page appears |
| 13 | Click on button “Delete this computer” | Landing page appears with message:  “Done! Computer has been deleted”  Total sum of created computers in Heading text is less for one |