

Test cases for: Computer database

Header		
Title	Test Case #1. Add a computer to database.	
Priority	High.	
Owner	Oleh Bondaruk	
Date	02/10/2019	
Details		
Test objectives	Ability to add new computer to database.	
Estimated time	0.5 hour.	
Preconditions	Go to “Computers” page. http://computer-database.herokuapp.com/computers	
Postconditions	Use Case #7 to delete created computer.	
Scenario		
Step	Action	Expected Result
1.	Click “Add a new computer” button.	“Add a computer” page opened.
2.	Enter some name in “Computer name” field, e.g. “Test Computer 1”.	Entered value appeared in field.
3.	Enter some data in “Introduced date” field, in format 'yyyy-MM-dd' e.g. “1970-01-01”.	Entered value appeared in field.
4.	Enter some data in “Discontinued date” field, in format 'yyyy-MM-dd' e.g. “1970-01-02”.	Entered value appeared in field.
5.	Choose some value from “Company” dropdown, e.g. “Apple Inc.”.	Chosen value appeared in field.
6.	Click “Create this computer” button.	User redirected at “Computers” page.
7.	Check “Done” banner.	Banner with text: “Done! Computer {computer’s name from step 2} has been created” appeared.

Header	
Title	Test Case #2. Add a computer without required / with incorrect data.
Priority	Medium.
Owner	Oleh Bondaruk
Date	02/10/2019
Details	

Test objectives	User should not have ability to add new computer without required data. User should not have ability to add new computer with incorrect data.	
Estimated time	0.5 hour.	
Preconditions	Go to “Computers” page. http://computer-database.herokuapp.com/computers	
Postconditions		
Scenario		
Step	Action	Expected Result
1.	Click “Add a new computer” button.	“Add a computer” page opened.
2.	Click “Create this computer” button.	“Computer name” field red colored. User stayed at “Computers” page.
3.	Enter some name in “Computer name” field, e.g. “Test Computer 1”.	Entered value appeared in field.
4.	Enter some incorrect data in “Introduced date” field, in format “yyyy.MM.dd” or “MM/yyyy/dd” e.g. “1970.01.02”.	Entered value appeared in field.
5.	Click “Create this computer” button.	“Introduced date” field red colored. User stayed at “Computers” page.
6.	Enter any incorrect data in “Discontinued date” field special symbols or characters e.g. “!@#\$abc”.	Entered value appeared in field.
7.	Click “Create this computer” button.	“Discontinued date” field red colored. User stayed at “Computers” page.

Header		
Title	Test Case #3. Edit added computer.	
Priority	High.	
Owner	Oleh Bondaruk	
Date	02/10/2019	
Details		
Test objectives	User should have ability to edit added computer. User should have ability to cancel editing computer.	
Estimated time	0.5 hour.	
Preconditions	Use Case #4 to filter by created computer. Remember the computer's name.	
Postconditions	Use Case #7 to delete the created computer	
Scenario		
Step	Action	Expected Result
1.	Click on filtered computer from preconditions.	"Edit computer" page appeared.

2.	Edit name in "Computer name" field, e.g. "Test Computer 2".	Edited value appeared in field.
3.	Click "Cancel" button.	User redirected at "Computers" page. Computer's name not changed.
4.	Repeat steps 1 - 2.	Expected results are the same.
5.	Edit name in "Computer name" field, e.g. "Test Computer 2".	Edited value appeared in field.
6.	Edit data in "Introduced date" field, in format 'yyyy-MM-dd' e.g. "1980-02-02".	Edited value appeared in field.
7.	Edit some data in "Discontinued date" field, in format 'yyyy-MM-dd' e.g. "1980-03-03".	Edited value appeared in field.
8.	Choose different value from "Company" dropdown, e.g. "Thinking Machines".	Changed value appeared in field.
9.	Click "Save this computer" button.	User redirected at "Computers" page.
10.	Check "Done" banner.	Banner with text: "Done! Computer {computer's name from step 2} has been updated" appeared.
11.	Run Case #5 to find edited computer. Check edited values from steps 2-5.	Edited computer appeared in filter result table. Edited values appeared in corresponding columns.
12.	Click on edited computer.	"Edit computer" page appeared.
13.	Check edited values from steps 2-5.	Edited values appeared in corresponding fields.

Header		
Title	Test Case #4. Filter a computer.	
Priority	Medium.	
Owner	Oleh Bondaruk	
Date	02/10/2019	
Details		
Test objectives	User should have ability to filter by computer's name.	
Estimated time	0.5 hour.	
Preconditions	Use Case #1 to add a computer. Remember the computer's name.	
Postconditions	Use Case #7 to delete the created computer.	
Scenario		
Step	Action	Expected Result
1.	Enter computer name from preconditions in field with "Filter by computer name..." placeholder.	Entered value appeared in field.

2.	Click on "Filter by name" button. Check appeared computer(s) names.	Filtered by entered name computer(s) appeared.
3.	Click on filtered computer from preconditions.	"Edit computer" page appeared.
4.	Enter not existing computer name in field with "Filter by computer name..." placeholder. e.g. "123%^&*()"	Edited value appeared in field.
5.	Click on "Filter by name" button.	No filter results appeared. "Nothing to display" text appeared.

Header		
Title	Test Case #5. Sorting computers.	
Priority	Low.	
Owner	Oleh Bondaruk	
Date	02/10/2019	
Details		
Test objectives	User should have ability to sort computers by Name / Introduced / Discontinued / Company.	
Estimated time	0.5 hour.	
Preconditions	Use Case #4 at least two times with additional conditions: 1. Computers should have similar names, e.g. "Computer 1" and "Computer 2" to filter by name. 2. All dates and company names should be different.	
Postconditions	Use Case #9 to delete the created computers.	
Scenario		
Step	Action	Expected Result
1.	Click on table header "Computer name". Check sorting order change.	User stays on "Computers" page. Sorting order of computers changed upside down depends on computer names. e.g. "Computer 1" appeared under "Computer 2".
2.	Click on table header "Introduced". Check sorting order change.	Sorting order of computers changed upside down depends on computers Introduced date.
3.	Click on table header "Discontinued". Check sorting order change.	Sorting order of computers changed upside down depends on computers Discontinued date.
4.	Click on table header "Company". Check sorting order change.	Sorting order of computers changed upside down depends on computers Company name.

Header		
Title	Test Case #6. Navigation on computers.	
Priority	Low.	
Owner	Oleh Bondaruk	
Date	02/10/2019	
Details		
Test objectives	User should have ability to navigate on computers if computers count is more than 10.	
Estimated time	0.5 hour.	
Preconditions	Use Case #1 at least 11 times to add at least 11 computers.	
Postconditions	Use Case #7 to delete the created computers.	
Scenario		
Step	Action	Expected Result
5.	Check navigation buttons.	At “Computers” page buttons “Previous”, “Next” displayed. Between “Previous” and “Next” buttons “Displaying 1 to 10 of {total computers count}” text displayed.”
6.	Click on “Next” button.	User redirected to next 10 computers. Between “Previous” and “Next” buttons “Displaying 11 to 20 of {total computers count}” text displayed.” Next 10 (depends on total computers count) computers appeared in table.
7.	Click on “Previous” button.	User redirected to previous 10 computers. Between “Previous” and “Next” buttons “Displaying 1 to 10 of {total computers count}” text displayed.”

Header	
Title	Test Case #7. Delete a computer.
Priority	High.
Owner	Oleh Bondaruk
Date	02/10/2019
Details	
Test objectives	User should have ability to delete computer.
Estimated time	0.5 hour.

Preconditions		Use Case #4 to add and filter by added computer. Remember the computer's name.
Postconditions		
Scenario		
Step	Action	Expected Result
1.	Click on filtered computer from preconditions.	"Edit computer" page appeared.
2.	Click on "Delete this computer" button.	User redirected to "Computers" page.
3.	Check "Done" banner.	Banner with text: "Done! Computer has been deleted" appeared.
4.	Use Case #4 to filter by deleted computer. Check the filter results.	Deleted computer name shouldn't appear in filter results.