Preconditions for all test cases:

\*the following sample application url will be used: http://computer-database.herokuapp.com/computers

\*most of the test cases will be performed on a windows 7x64 machine using Chrome 56.0.2924.87 (64-bit)

\*for basic crossbrowser testing this Firefox version will be used: 51.0.1 (32-bit)

\*the latest nodejs and webdriver node package will be used for automation(as of 13.02.2017)

**create computer**

*test case 1*

go to base url

press add computer

press create this computer

expected>>>The computer name field is highlighted with light red to indicate the name is mandatory

*test case 2*

add name "tc2"

add future date

expected>>> error

actual>>>computer is created!

*test case* 3

add valid name

add 0000-01-01 as date

expected>>> error

actual>>>computer is created and the date is 3 Jan 0001

*test case* 4

discontinued should always be > created

>>failed

*test case* 5

duplicate entries should not be allowed>>>fail

*test case* 6

müller name

*test case* 7

long name>>>>out of bounds

**read**

*test case* 1

navgitae to page 2

>>>displaying 11-20

*test case* 2

sorting arrows always sort by name only

fail

*test case* 3

filter by ""

*test case* 4

filter by" "

*test case* 5

filter by "tc2"

*test case* 6

modify url with p=30

*test case* 7

one computer found

**update**

*test case* 1

update tc2 computer to no name

*test case* 2

update 11 computer to雨

*test case* 3

update computer with no changes

>>>computer updated message should not be displayed

*test case* 4

go to page 5

update pc

>>>stays on page 5

**delete**

*test case* 1

delete first computer

no confirmation dialog

*test case* 2

read no of computers found

delete one

number decreases by 1