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)

**add computer**

tc1

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

tc2

add name "tc2"

add future date

expected>>> error

actual>>>computer is created!

tc3

add valid name

add 0000-01-01 as date

expected>>> error

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

tc4

discontinued should always be > created

tc5 duplicate entries should not be allowed

tc6

müller name

tc7

long name>>>>out of bounds

**read**

tc1

navgitae to page 2

>>>displaying 11-20

tc2

sorting arrows always sort by name only

fail

tc3

filter by ""

tc4

filter by" "

tc5

filter by "tc2"

tc6

modify url with p=30

tc7

one computer found

**update**

tc1

update tc2 cpmuter to no name

tc2

update 11 computer to雨

tc3

update computer with no changes

>>>computer updated message should not be displayed

tc4

go to page 5

update pc

>>>stays on page 5

**delete**

tc1

delete first computer

no confirmation dialog

tc2

read no of computers found

delete one

no--