Test Case ID	Test Case Description	Precondition	Test Steps	Test Data	Expected Result
CompDB_TC_001	Check total computers	1.Access browser 2.Enter application URL-http://computer-database.herokuapp.com/computers 3.Access Home page of computer data base	1.Get total no.of computers from title 'computers found' from Home page. 2.count all computers from table on Home page(Click on next->) for next page	NA	1.total no.of computers from title should be equal to computers from table on Home page
CompDB_TC_002	Filter computer by valid name	1.Access browser 2.Enter application URL-http://computer-database.herokuapp.com/computers 3.Access Home page of computer data base	1.Enter existing computer name in 'Fitter by computer name' textbox 2.Click on'Filter by name' button	Computer name = ACE	1.Computer table should display given computer with details if any
CompDB_TC_003	Filter computer by invalid name	1.Access browser 2.Enter application URL-http://computer-database.herokuapp.com/computers 3.Access Home page of computer data base	1.Enter invalid/nonexisting /blank computer name in 'Fitter by computer name' textbox 2.Click on'Filter by name' button	Computer name = $$$ Computer name = null	1.Computer table should not display given computer And display appropriate message to enter existing computer name/enter computer name
CompDB_TC_004	Add new computer	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Navigate to Add a computer page by clicking on 'Add a new computer' button. 4.Access Add a computer page	1.Enter valid computer names. 2.Enter Introduced date in given date format. 3.Enter Discontinued date in given date format. 4.Select Company from dropdown. 5.Click on 'Create this computer' 6.After Click on 'Create this computer',It will go back to the Home page 7.Verify computer added successfully with given computer name by filtering the Entered computer name.	Computer name = ACE Introduced date = 2016-02-26 Discontinued date = 2016-02-26 Company = IBM	1.Computer should get added successfully with Entered fields
CompDB_TC_005	Add new computer name with different values	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Navigate to Add a computer page by clicking on 'Add a new computer' button. 4.Access Add a computer page	1.Enter valid different computer names 2.Verify computer added successfully with given computer name.	Computer name = ACE	1.Computer should get added successfully with given valid names
CompDB_TC_006	Add new computer with all valid company names	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Navigate to Add a computer page by clicking on 'Add a new computer' button. 4.Access Add a computer page	1.Enter computer name with different valid computer names ,Introduced date and Discontinued date 2.Select company from drop down. 3.Repeat step 1 and 2 for all companies from drop down 4.validate the new computer added successfully for all companies	Computer name = ACE Introduced date = 2016-02-26 Discontinued date = 2016-02-26 Company = IBM	All valid company names should succeed
CompDB_TC_007	Add new computer with invalid/blank fields	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Navigate to Add a computer page by clicking on 'Add a new computer' button. 4.Access Add a computer page	1.Enter invalid computer name(Long string,Special chars) 2.Enter invalid Introduced date(string,chars,wrong date format,future date) 3.Enter invalid Discontinued date (string,chars,wrong date format,future date)	Computer name = $$$ Introduced date = 2018-02-26 Discontinued date = xyz Company = IBM	1.Invalid fields should raise expected errors
CompDB_TC_008	Cancel add computer	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Navigate to Add a computer page by clicking on 'Add a new computer' button. 4.Access Add a computer page	1.Enter valid computer names. 2.Enter Introduced date in given date format. 3.Enter Discontinued date in given date format. 4.Select Company from dropdown. 5.Click on 'Cancel' button	Computer name = ACE Introduced date = 2016-02-26 Discontinued date = 2016-02-26 Company = IBM	1.Cancel button should clear data from all fields. 2.It should display warning before cancel and navigate to home page

CompDB_TC_009	Cancel add computer without entering details	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Navigate to Add a computer page by clicking on 'Add a new computer' button. 4.Access Add a computer page	1.Do not enter any data to add new computer	Computer name = null Introduced date = null Discontinued date = null Company = null	1.Add a computer page should display error message to enter data
CompDB_TC_010	Edit a computer	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Click on computer name(link) from computer table 4.Access Edit a computer page	1.Clear computer name and enter other valid computer name 2.Clear Introduced date if exist and enter other date in given date format. 3.Clear Discontinued date if exist and enter other date in given date format 4.Select other Company from dropdown. 5.Click on 'Save this computer'	Computer name = Acer Introduced date = 2000-02-26 Discontinued date = 2016-01-26 Company = Sony	1.computer should get edited successfully. 2.filter by computer name should display correct computer details
CompDB_TC_010	Edit a computer without editing computer details	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Click on computer name(link) from computer table 4.Access Edit a computer page	1.Do not edit any details. 2.Click on 'Save this computer'		1.Edit a computer page should display message to edit computer details.
CompDB_TC_011	Edit a computer with invalid fields	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Click on computer name(link) from computer table 4.Access Edit a computer page	1.Enter invalid computer name(Long string,Special chars) 2.Enter invalid Introduced date(string,chars,wrong date format,future date) 3.Enter invalid Discontinued date (string,chars,wrong date format,future date) 4.Do not select value from company dropdown	Computer name = $$$ Introduced date = 2018-02-26 Discontinued date = xyz Company = IBM	1.Invalid fields should raise expected errors
CompDB_TC_012	Delete a computer	1.Access browser and Enter application URL-http://computerdatabase.herokuapp.com/computers 2.Access Home page of computer data base 3.Click on computer name(link) from computer table 4.Access Edit a computer page	1.Click on 'Delete this computer' button		1.Computer should get deteted from system. 2.User should not be able to access deleted computer details