TC ID	Module	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TC01	Home page	Check application Heading	Go to site http://computer-database.herokuapp.com/computers Verify the application heading		Application heading is "Play sample application — Computer database"		
TC02	Home page	Check Computer count	Go to site http://computer-database.herokuapp.com/computers Verify the computer count message		The computer count message is "X computers found" where 'x' is number of computers in the application.		
TC03	Home page	Check 'Search text box and button	Go to site http://computer-database.herokuapp.com/computers Verify the Search text box and button is present		- Search text box with text 'Filter by computer name...' - Search button with label 'Filter by name' and color 'blue'		
TC04	Home page	Check add new computer button	Go to site http://computer-database.herokuapp.com/computers Verify the 'Add new computer' button		- Search button with label 'Add a new computer' and color 'green'		
TC05	Home page	Check computer table	Go to site http://computer-database.herokuapp.com/computers Verify that a table with records of computers added in the application is displayed.		A table is displayed with column headings - Computer Name - Introduced - Discontinue - Company The table displays 10 records on the page.		
TC06	Home page	Check pagination	Go to site http://computer-database.herokuapp.com/computers Verify that pagination links are present in the page		Pagination links: Previous and Next are present The message is is displayed 'Displaying 10 to 20 of 573' where 10 and 20 are the number of computers displayed on the page and 573 is the total number of computers in the application.		
TC07	Add Computer	Add comuter button	Go to site http://computer-database.herokuapp.com/computers Click on 'Add a new computer' button		Following page opens: http://computer-database.herokuapp.com/computers/new The page displays the heading 'Add a computer' The page display the following fields: - Computer name - Introduced date - Discontinued date - Company The page displays the following buttons: - Create this computer - Cancel		
TC08	Add Computer	Check Computer field is mandatory	Go to site http://computer-database.herokuapp.com/computers Click on 'Add a new computer' button Leave 'Computer name' field empty Click on 'Create this computer' button		Computer Name field is highlighted in 'Red' User is not able to add computer to application.		
TC09	Add Computer	Add computer with Computer name only	Go to site http://computer-database.herokuapp.com/computers Click on 'Add a new computer' button Add data in 'Computer Name' = Comp1 Click on 'Create this computer' button	Comp1	The new computer is added in the application. The count of computers is increased by 1 in the 'Computer found' message on Home page. The record of the computer 'Comp1' is added in the table as the last record.		
TC10	Add Computer	Add computer with Computer name and click Cancel	Go to site http://computer-database.herokuapp.com/computers Click on 'Add a new computer' button Add data in 'Computer Name' = Comp2 Click on 'Create this computer' button		The computer Comp2 is not added in the application. The application navigates back to Home page(http://computer-database.herokuapp.com/computers)		

TC ID	Module	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TC11	Add Computer	Add computer with invalid date fields	Go to site http://computer-database.herokuapp.com/computers Click on 'Add a new computer' button - Add data in 'Computer Name' = Comp3 - Add data in 'Introduced date' = 1234 - Add data in 'Discontinued date' = abcd Click on 'Create this computer'		Introduced date' and 'Discontinued date' must be highlighted in red. Comp3 must not be created and added in the application.		
TC12	Add Computer	Add computer with all valid fields	Go to site http://computer-database.herokuapp.com/computers Click on 'Add a new computer' button - Add data in 'Computer Name' = Comp4 - Add data in 'Introduced date' = 2014-08-25 - Add data in 'Discontinued date' = 2024-08-25 - Select in drop-down = Apple Inc. Click on 'Create this computer' On home page, the count of computers should be increased by 1		Comp4 is added in the application The count of computers is increased by 1 The record of Comp4 will all fields having values is added in the table. 'Computer Name' = Comp4 'Introduced date' = 2014-08-25 'Discontinued date' = 2024-08-25 'Company' = Apple Inc. Verify, that the count of Computers is increased by 1		
TC13	Search	Search computer	Go to site http://computer-database.herokuapp.com/computers Enter 'Dell Inspiron 560 Desktop Computer' in search text box and click 'Filter by name'		Record of 'Dell Inspiron 560 Desktop Computer' is displayed in the table		
TC14	Edit Computer	Edit fields of computer - Discontinued date < Introduced date	Go to site http://computer-database.herokuapp.com/computers Click on Comp1 Enter the following values in fields - Introduced date = '2008-06-25' - Discontinued date = '2004-06-25' Company = Apple Inc. Click 'Save this computer'		Applications displays a message that "Discontinued date cannot be earlier than Introduced date". Changes are not saved.		
TC15	Edit Computer	Edit fields of computer - Discontunued date > Introduced date	Go to site http://computer-database.herokuapp.com/computers Click on Comp1 Enter the following values in fields - Introduced date = '2008-06-25' - Discontinued date = '2010-06-25' Company = Apple Inc. Click 'Save this computer'		Fields values are updated and the Changes are saved. Application navigates to the Homepage.		
TC16	Add Computer	Enter the fields of Computer - Discontinued date	Go to site http://computer-database.herokuapp.com/computers Click on Comp1 Enter the following values in fields - Discontinued date = '2020-06-25' Company = Apple Inc. Click 'Save this computer'		Computer data should not be allowed to Save. Discontinued Date cannot be a future date. It should be a past date only		
TC16	Add Computer	Enter the fields of Computer - Introduction date	Go to site http://computer-database.herokuapp.com/computers Click on Comp1 Enter the following values in fields - Introduction = '2020-06-25' Company = Apple Inc. Click 'Save this computer'		Computer data should not be allowed to Save. Introduction Date cannot be a future date. It should be a past date only		
TC17	Search	Search computer	Go to site http://computer-database.herokuapp.com/computers Enter '%$#$#' in search text box and click 'Filter by name'		It should not display any Computer record and should display a proper error message that enter a valid Computer Name		