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| General Information: | | | |
| **Product:**  (e.g. SCM, TMS, ERP) | | Computer Database | |
| **Project:**  (Project Title) | | Zeidler Test Project | |
| Attributes: (Relevant for GTP test case attributes etc.) | | | |
| **Title:** | | REQ-1: Check the basic CRUD opertaions | |
| **Date:**  X.Y | | 02-06-2020 | |
| **Author:**  (Test case author (D/C/I Nr)) | | Parth Joshi | |
| **Priority:**  (**Very high** -Main transactions; High risk of destroying important data, **High** - Frequently used transactions (many customers)  **Medium -** special cases (fewer customer); low risk of destroying important)  **Low)** | | High | |

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| Description: |
| **Purpose of the test case:**  To verify that new computer details can be added to the database and existing details can be read as well as edited and deleted.(give a brief description) | |

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| Pre-conditions: |
| 1. User should have navigated to (give a brief description)<http://computer-database.herokuapp.com/computers> 2. The Computer Database application should have load successfully | |

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|  | Steps to Reproduce: | Expected Result: |
| 1 | PURPOSE: Check Read Operation     1. Check the list of computers listed 2. Click on the Next button 3. Click on the Previous button 4. Enter a valid computer or company name in the Filter field and click the “Filter by name” button e.g. “Apple” 5. Enter an invalid term in the Filter field and search e.g. “xyz” | 1. Computer names must be listed alphabetically in a tabular format with columns “Computer Name”, “Introduced”, “Discontinued” and “Company”   Verify that the Computer Name column is not empty as it is a mandatory field   1. User should be taken to the second page with the next 10 computers listed 2. User should be taken back to the previous page 3. List of computers should be filtered to only show computers by Apple. The number of computers found should also change accordingly 4. “Nothing to display” message should be shown |
| 2 | PURPOSE: Check Update Operation     1. Click on one of the computers listed 2. Edit the computer name 3. Edit the introduced date 4. Edit the discontinued date 5. Edit the company name 6. Click the “Save this computer” button 7. Repeat steps 1, 3 and 6 but enter alphabets or special characters 8. Repeat steps 1, 2 and 6 but remove the computer name to make the field empty 9. Click Cancel | 1. The Edit Computer page should load with fields for “Computer Name”, “Introduced”, “Discontinued” and “Company” shown 2. User should be able to edit the computer name 3. User should be able to edit the introduced date 4. User should be able to edit the discontinued date 5. User should be able to edit the company name 6. User should be taken back to the list of computers and a message should be shown that the computer was successfully updated 7. User should not be able to save and error should be indicated on the introduced date field. Similarly, discontinued date field should also not accept alphabets or special characters 8. User should not be able to save and error should be indicated on the computer name field as it is a mandatory field 9. User should be taken back to the list of computers without any changes being saved |
| 3 | PURPOSE: Check Delete Operation     1. Click on one of the computers listed 2. Click on “Delete this computer” button | 1. The computer details should be shown on the Edit Computer page 2. The computer should get deleted from the database and the user should be taken back to the list. A message should be shown confirming that the computer was deleted successfully   Verify that the deleted computer name does not appear in the list anymore |
| 4 | PURPOSE: Check Create Operation     1. Click on “Add a new computer” button 2. Enter valid values in all four fields and click the “Create this computer button” 3. Search for the newly created computer name 4. Repeat steps 1 and 2 but leave the computer name field empty | 1. User should be taken to the Add a computer page with fields for “Computer Name”, “Introduced”, “Discontinued” and “Company” shown 2. User should be taken back to the list and a message should be shown confirming that the computer was created successfully 3. Newly created computer should be filtered and listed successfully 4. User should not be able to create and error should be indicated on the computer name field as it is a mandatory field   Similarly confirm that user is not able to create a new computer with invalid entries in introduced and discontinued date fields as described in the Update operation test above |

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| **Screenshots:** |

Note: Can add screenshots of expected results here.