Written Test Cases

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| **Serial number** | **Test case description** | **Entry criteria** | **Exit criteria** | **Expected result** | **Actual result** | **Test date** | **Test pass/fail** |
| 1 | Verify that all tabs link to all web pages | All pages must be created | Can continue to navigate across pages | When selecting a different tab, the user will be taking to that web page | When selected a different tab, the user was taking to that web page | 4th October 2018 | Pass |
| 2 | Verify that tabs are underlined when the mouse hovers over the button | All tabs must be created | When the mouse hovers from the button to elsewhere on the page, the underline should disappear | When the mouse hovers over the navigation heading, it should become underlined | When the mouse hovers over navigation heading, it was underlined | 4th October 2018 | Pass |
| 3 | Verify that the correct information is displayed on each page | Textboxes displaying information must be created for each page | Information should remain different across each web page | Each page should have a centred box with information,  headings and search boxes relevant to that page. | Each page contained sufficient and relevant information centred on the web page. | 1st October 2018 | Pass |
| 4 | Verify that employees have specific role access | There must be data for an employee/ customer to test | Can switch back to customer view and customer should have different access | Employees (once signed in) have access to different information | Employee have access to a separate page however there is no information currently displayed. | 8th October 2018 | Pass (data to be created). |
| 5 | Verify that employees/ customers can log into their account | The sign in page has been created for different role access | Employees/customers should be taken to a different page once signed in and should have the option to sign out. | Employees/customers can sign in using a created username and password. | Employees/customers can sign in using a created username and password. | 12th October 2018 | Pass |
| 6 | Verify that customers can search for vehicles by specifying certain criteria (e.g. dates) | All searches must query correct information from the database | Customer can clear their search and make a different search entry | All vehicles that meet the search requirements are displayed. | All vehicles that meet the search requirements were displayed. | 15th October 2018 | Pass |
| 7 | Verify that employees can view the history of customers rentals | Customer information must be correctly stored in the database | Employees can clear their search and make a different search entry | All past rentals of a specific customer are produced. | Employees can search for a customer but cannot view their past rentals. | 15th October 2018 | Fail (functionality to be implemented). |
| 8 | Verify that board members can view and download detailed reports | Reports must be generated | Reports remain accessible on the database after being viewed. | Board members can view and download a report document with information about customer/hire statistics. | Board members can view and download a report however no information (e.g. statistics) is displayed. | 17th October 2018 | Fail (data to be created). |
| 9 | Verify that employees can search for a customer | Customer information is stored in the database and each customer has a customerID | Employees can clear their search and make a different search entry | Employees can search for a customer by name or ID. | Employees can search for a customer by name and ID. | 14th October 2018 | Pass |
| 10 | Verify that sensitive data cannot be seen by an anonymous user | User must be signed in to see sensitive data | Users will be automatically signed out after two hours. | Customers cannot see sensitive data. Employees must sign in to see sensitive data and will be logged out after two hours. | Customers cannot see sensitive data. Employees must sign in to see sensitive data and will be logged out after two hours. | 15th October 2018 | Pass |