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| Section of Application | Test Number | Purpose of Test | Test Data | Expected Result | Pass/ Fail | Date | Notes | Procedure to Fix |
| Top menu | 1 | Checking that menu will take me to the correct next statement (methods set up correctly) | "1" | "We will be Handling a Guest arrival" | Pass | 29/10/14 | working first time | N/A |
|  | 2 | Checking that menu will produce error message if incorrect value is input | "7" | Tell user to type between 1-5 | Pass | 29/10/14 | working first time | N/A |
| Guest Arrivals | 3 | Checking all data is correctly stored into arrays | Name :"Tom Robinson"  number Plate:  "V773 EPN" | To be found in 'List of Cars' at entry point 1 | fail | 29/10/14 | working first time but when going around for a second car the new car replaces first car in array list |  |
|  | 4 | Checking all data is correctly stored into arrays | Name :"Tom Robinson"  number Plate:  "V773 EPN" | To be found in 'List of Cars' at entry point 1 | Pass | 29/10/14 | Re-test of test 3, now working. | changing:  int nextAvailableSlot = FindSlot(0);  into:  int nextAvailableSlot = FindSlot(""); |
|  | 5 | Check that only 10 cars be input into the system | Names : Tom, Joe, Tiffany, Nilesh, Tiffany, Storm, Martine, Maddie, Christina,  Vicky  Number plates:  V773 EPN, T18 0YN, ELO 4BAR,  LF63 BZG, F8 SCS,  T515 CLN,  VD12 FD1,  GHA1 HF7, LL12 LL3,  HHG6 LD2 | Prints list of all details | Pass | 30/10/14 |  |  |
|  | 6 | Check that only 10 cars be input into the system | Names : Tom, Joe, Tiffany, Nilesh, Tiffany, Storm, Martine, Maddie, Christina,  Vicky, Wilson  Number plates:  V773 EPN, T18 0YN, ELO 4BAR,  LF63 BZG, F8 SCS,  T515 CLN,  VD12 FD1,  GHA1 HF7, LL12 LL3,  HHG6 LD2, FF23 6LR | Tell user that there are no car parking spaces available when entering ‘Wilson’  ‘FF23 6LR’ | Pass | 30/10/14 |  |  |
| Finding Car | 7 | Check that customer name and number plate are both matching ones entered at ‘Guest Arrivals’ | Name :"Tom Robinson’ | Tom Robinson’s car has number plate : V773 EPN | Pass | 31/10/14 |  |  |
|  | 8 | Check that customer that isn’t in table returns an error message | Jacob | Jacob’s car not found | Fail | 31/10/14 | Index was outside the bounds of the array |  |
|  | 9 | Check that customer that isn’t in table returns an error message | Jacob | Jacob’s car not found | Pass | 31/10/14 | Index was outside the bounds of the array | Changing “if(identifiedRecord ==0)”  Into  ‘‘if(identifiedRecord ==-1)” |
| Deleting Entry | 10 | Check that existing car can be checked out of the car park. (removal of name and number plate from index) | Tom Robinson | Tom Robinson to not be found in list of all customers | Pass | 02/11/14 |  |  |
| List all Parked Cars | 12 | Checking that all previously entered cars are available to be seen in a list. | Name :"Tom Robinson"  number Plate:  "V773 EPN" | To be found in 'List of Cars' at entry point 1 | Pass | 30/10/14 | Working Correctly |  |