| **Test Name** | | Adhoc ticket user, carpark full, customer waits |
| --- | --- | --- |
| **Use Case Tested:** | | Enter Carpark |
| **Test Description:** | | Customer drives up to the entry gate.  The system detects the vehicle and asks customer to push button  Customer pushes button  The system confirms the carpark is not full, it is full  The customer waits at the entry gate until another adhock user leaves the carpark  The system asks the customer to push the button  Customer pushes button  The system confirms the carpark is not full, it is full  System issues the customer with a ticket  Customer takes the ticket  The system raises the barrier gate  The customer drives into the carpark  The system lowers the barrier gate |
| **Pre-conditions** | | Customer has triggered the outside entry car sensor |
| **Post-conditions** | | Customer has driven into the car park |
| **Notes:** |  | |

| **Result (Pass/Fail/Warning/Incomplete)** | |  | | | |
| --- | --- | --- | --- | --- | --- |
|  | **TEST STEP** | | **EXPECTED TEST RESULTS** | P | F |
|  | Customer is detected outside the entry gate | | System will change to the WAITING state |  |  |
|  | User interface displays ‘push button’ | | ‘push button’ displayed on UI |  |  |
|  | Customer pushes button | |  |  |  |
|  | System checks to see if the carpark is full | | Full |  |  |
|  | System will change to the FULL state | | State is FULL |  |  |
|  | User interface displays ‘Carpark full’ | | ‘Carpark full’ displayed on UI |  |  |
|  | An adhock customer leaves the carpark | | The number of cars in the carpark in decreased by one |  |  |
|  | System will change to the WAITING state | | State is WAITING |  |  |
|  | User interface changes to ‘push button’ | | ‘push button’ displayed on UI |  |  |
|  | Customer pushes button | |  |  |  |
|  | System checks to see if the carpark is full | | Not full |  |  |
|  | System issues new Adhock Ticket | | System will change to the ISSUED state |  |  |
|  | User interface displays ‘take ticket’ | | ‘Take ticket’ displayed on UI |  |  |
|  | Customer takes the ticket | | System will change to the TAKEN state |  |  |
|  | System raises the gate | | Gate is up |  |  |
|  | Customer begins to drive into the carpark | | System will change to the ENTERING state |  |  |
|  | Customer finishes driving into the carpark | | System will change to the ENTERED state |  |  |
|  | System lowers the gate | | Gate is down |  |  |
|  | Record adhock ticket entry | | The number of cars in the carpark in increased by one |  |  |

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| **Test Data Table** | | | | | |
|  | **1** | **2** | **3** | **4** | **5** |
| [Data field 1] | [data set 1 input value for field 1] |  |  |  |  |
| [Data field 2] | [data set 1 input value for field 2] |  |  |  |  |
| [Data field 3] | [data set 1 input value for field 3] |  |  |  |  |