| **Test Name** | | Season ticket user, normal flow |
| --- | --- | --- |
| **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 inserts their season ticket  The system confirms the season ticket is valid  The ticket is ejected  Customer takes the ticket  The system raises the barrier gate  The customer drives into the carpark  The system lowers the barrier gate  The system records the season ticket entry |
| **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 inserts their season ticket | |  |  |  |
|  | System checks to see if the season ticket is valid | | True |  |  |
|  | System checks to see if the season ticket is already in use | | False |  |  |
|  | System will change to the VALIDATED state | |  |  |  |
|  | System ejects the season 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 season ticket entry | | The season ticket is recorded as being inside the carpark |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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] |  |  |  |  |