# Scenario: Exit Carpark

## Scenario Description

* Ticket Validation.
* The customer uses adhoc ticket or season ticket while entering.
* Validate state of ticket.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 1 | 23/09/2017 | Sarthak Joshi | Initial version |
| 1.1 | 26/09/2017 | Sarthak Joshi | Final Version |

## Test Scripts

Along with Exit Controller, the following scripts will cover this scenario :

1.1 State

1.2 Car event detected

1.3 Validate season ticket

1.4 Open gate

## Use Case

* Exit carpark

## Test Components/Requirements

This test scenario covers the following high-level test requirements:

* Valid Tickets (adhoc or season)
* State is displayed
* Car event is detected
* The ticket is paid.

### Testing Requirements

Test scripts covers the following specific testing requirements:

Exiting a carpark where the ticket is paid and the customer uses either adhoc or season ticket.

The state is displayed accordingly.

### Setup

Create all the test mock private fields and make it accessible true.

Create mock car sensor

Create mock carparkId, mockAdhocTicketDAO, mockSeasonTicketDAO,

Create all the mock object that the class implements.

Install Mockito Jar files in test packages.

Initial states should be idle.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Car event detected inside | After the ticket has been paid and when the car is detected by the sensor, insert processed ticket is displayed. | pass |
| 2 | Test ticket inserted | If ticket is paid, “Take Processed Ticket” message displays on the console. | pass |
| 3 | Test ticket taken | If ticket is taken, “Ticket Taken” message displays on the console and the gate opens | pass |
| 4 | Car event detected outside | As soon as the car is detected outside, the gate closes and the status changes to exiting | pass |
| 5 | Outside sensor stops detecting the car | Once the car is outside and the outside sensor stops detecting the car, IDLE state is displayed | pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 25/09/2017 14:27 | Sarthak Joshi | Sarthakjo | System Cycle 1 | Failed |
| 26/09/2017 17:10 | Sarthak Joshi | Sarthakjo | System Cycle 2 | Passed |