# Scenario #1: Entry Car park with Season Ticket

## Short Description

Customer use season ticket to get entry into car park. Entry controller respond to customer with valid or invalid season ticket for car park entry.

## Version Control

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| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 0.1 | 24/09/2017 | Ankush Nagpal | Initial Draft |
| 1.0 | 24/09/2017 | Ankush Nagpal | Initial Version |

## Test Scripts

The following scripts will cover this scenario:

* Only valid season ticket holder can park their car.
* Invalid season ticket holders are not allowed to entry in carpark.

## Use Case

The following test covers the use case:

* Entry to car park with Season Ticket

## Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

* The car park is used for make money and all gates, pillars are online and ready for operation.
* The customer has a season ticket valid / invalid.

## User Groups

* Valid Season ticket holder
* Invalid Season ticket holder

## Script #1.1: Entry to Car park with valid Season ticket

### Script Description

* Only valid season ticket holder allowed to park their car. Entry controller accepts valid ticket and raised the gate for customers.

### Testing Requirements

This test script covers the following specific testing requirements:

* Customer enters to car park with valid season ticket only.
* The Season ticket is valid.

### Setup

* A Season Ticket issued and saved in the system.
* The season ticket should be of this car park and the season ticket is not in use in another car park.

### Teardown

* The season ticket is no longer valid.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Outside Car sensor detects car | Entry controller turns the state from idle to waiting |  |
| 2 | Customer inserts ticket | System accepts valid season ticket holder and allow access to car park. Gate raised and customer entered to car park |  |
| 3 | Car sensor detects car entering the car park. | Change the state to entering.  Change the state to entered.  Pillar lower the gate. |  |

## Script #1.2: Entry to Car park with an invalid Season ticket

### Script Description

* Invalid season ticket holder rejects from entry controller system. That holder not allowed to entry to car park. The gate stays down and customer left the car park.

### Testing Requirements

This test script covers the following specific testing requirements:

* Only valid season ticket holder can access car park.
* The Season ticket is invalid.

### Setup

* A Season Ticket has been issued and saved in the system.
* The season ticket should be of this car park and season ticket is not in use in another car park.

### Teardown

* The season ticket is no longer valid.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Outside car sensor detects car | Entry controller system turns the state from idle to waiting |  |
| 2 | Inserts ticket | System verify season ticket and reject invalid one and blocked that ticket number. |  |
| 3 | Car sensor detects that customer left the car park | Change the state to idle  Pillar gate keeps down. |  |