# Scenario #1: Entry with Season Ticket

## Scenario Description

The user get access to a car park using a Season Ticket.

The user interacts with control pillar.

The control pillar verifies the SeasonTicket to let user allow access or not let user get access to a car park.

## Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version # | Date | Author | Description |
| 1.0 | 12/10/2017 | Enkhbat Baljnyam | Initial Draft |
| 1.0 | 12/10/2017 | Enkhbat Baljnyam | Initial Version |

## Test Scripts

The following scripts will cover this scenario:

* 1.1 Car get access with valid season ticket
* 1.2 Car get access with invalid season ticket

## 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):

* All carpark’s components are online(gate and machine)
* The user has a season ticket valid / invalid.

## User Groups

* User with valid season ticket
* User with invalid season ticket

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

### Script Description

* The user get access with valid ticket . The user inserts a ticket at the control pillar. System validate ticket. Then gate is raised and user’s car can enter the car park.

### Testing Requirements

This test script covers the following specific testing requirements:

* User must have Season ticket for entering car park.
* The Season ticket is valid

### Setup

* A Season Ticket has been issued and recorded in the system.
* The season ticket is for the car park.

### Teardown

* The season ticket is no longer valid.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Car sensor detects car | Entry controller change the state and detect car | Pass |
| 2 | Customer insert ticket | The pillar record ticket and validate. | Fail |
| 3 | Car sensor detect car entering the car park. | State changes to Entering | Pass |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 12/10/2017 | Enkhbat | 1.1 | Integration | Pass |

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

### Script Description

* The user get access with invalid ticket . The user inserts a ticket at the control pillar. System validate ticket. Then pillar display invalid ticket alert.

### Testing Requirements

This test script covers the following specific testing requirements:

* User must have Season ticket for entering car park.
* The Season ticket is invalid.

### Setup

* A Season Ticket has been issued and recorded in the system.
* The season ticket is for the car park.

### Teardown

* No access.

### Script Steps

| **Step #** | **Test Action** | **Expected Results** | **Pass/ Fail** |
| --- | --- | --- | --- |
| 1 | Car sensor detects car | Entry controller change the state and detect car | Pass |
| 2 | Customer insert ticket | The pillar record ticket and validate. | Fail |
| 3 | Car sensor detect car but no access | State not changed | Fail |

### Test Execution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date/Time | Tester | Test ID | Test Phase | Status |
| 12/10/2017 | Enkhbat | 1.2 | Integration | Fail |