Barchester City Council Car Park

Use-Case: Pay for Ticket : End-goal

# Brief Description

When a customer

Wants to pay for their adhoc ticket

They interact with the paystation

So that their ticket is validated and they can leave the carpark

# Trigger

A customer inserts a ticket

# Actors

## Customer

An ad-hoc customer without a season ticket who wants to leave the carpark

# Stakeholders

## Customers

Ad-hoc users of the carpark

## Council

Owners and operators of the carparks who want easy-to-use reliable exit control systems that facilitate maximum usage of and reliable payment for car parking.

# Related Use Cases

Exit carpark – if ticket isn’t validated (ie paid for) then the exit pillar will refuse exit.

# 

# Pre-conditions

## The car park is open for business

## Someone wants to pay for a ticket

# Post-conditions

## Main success scenario

The ticket is recorded as paid for.

The time of the payment has been stored

## Invalid or unreadable ticket.

An invalid ticket message has been displayed.

# Normal Flow (Adhoc Customer, Ticket Paid)

The use case begins when a customer inserts a ticket in the paystation.

|  |  |
| --- | --- |
| Actor | System |
|  | 1. System reads the ticket barcode. |
|  | 1. System retrieves ticket information |
|  | 1. System calculates the charge for the ticket |
|  | 1. System displays the charge. |
| 1. Customer pays the charge | 1. System records the time of payment |
|  | 1. System prints the payment time and charge on the ticket. |
|  | 1. System ejects the ticket. |
| 1. Customer takes ticket |  |

The use case ends.

# Alternate Flows

## Unreadable ticket inserted

If at step 1 of the normal flow the system cannot read the ticket, then

|  |  |
| --- | --- |
| Actor | System |
|  | 1.1 System rejects the ticket |

The normal flow is resumed at Step 8.

## Invalid ticket inserted

If at step 2 of the normal flow the system cannot retrieve the ticket information, then

|  |  |
| --- | --- |
| Actor | System |
|  | 1.1 System rejects the ticket |

The normal flow is resumed at Step 8.