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# Hotel

# Use-Case: Check In

1. Brief Description

First customer will come to the main booking page where he can book, check in room to stay. Moreover, he will also get access to room.

1. Actors

Here user or actor is customer who is using the main page to book a room.

1. Pre-Conditions
   1. The main booking page will be displayed where he can see different menu options.
2. Normal Flow

The use case begins when customer selects check in option on the main menu.

|  |  |
| --- | --- |
| Actor | System |
|  | 1. System will prompt a text box to enter confirmation number from customer. |
| 1. Customer Enter confirmation number. | 1. Find booking by confirmation number |
|  | 1. Display booking information |
|  | 1. Prompt to confirm check in |
| 1. Customer can Confirm Check in | 1. Display check in confirmed message |
| 1. Continue |  |

The use case ends.

1. Alternate Flows
   1. If Confirmation Number Not Found

If at step 3, of the normal flow the booking is not found, then

|  |  |
| --- | --- |
| Actor | System |
|  | The system displays a confirmation number not found message |

The normal flow is resumed at step 1.

* 1. Already Checked In

If at step 3, of the normal flow the booking is found, but has already checked in, then

|  |  |
| --- | --- |
| Actor | System |
|  | The system displays an already checked in message |

The normal flow is resumed at step 1.

* 1. Already Checked Out

If at step 3, of the normal flow the booking is found, but has already checked out, then

|  |  |
| --- | --- |
| Actor | System |
|  | The system displays an already checked out message |

The normal flow is resumed at step 1.

* 1. Room Not Ready

If at step 3, of the normal flow the booking is found, but the room is still occupied, then

|  |  |
| --- | --- |
| Actor | System |
|  | The system displays a room not ready message |

The normal flow is resumed at step 1.

1. Key Scenarios
   1. Successful check in

It come under normal flow here customer can use their confirmation number to see the information and they can confirm check in.

* 1. No booking found

In alternative flow if confirmation number entered by user does not find then no booking found message will be prompt.

* 1. Already checked in

When customer will click on check in if they are already checked in then already checked in message will be prompt.

* 1. Already checked out

When customer will try to check out but they are already checked out with same booking number then already checked out message prompt.

* 1. Room not ready

If at step 3, of the normal flow the booking is found, but the room is still occupied, then

The system displays a room not ready message

1. Post-conditions
   1. Normal flow and other flows where a check in is successful.

Booking state updates to CHECKED\_IN when check in is successful

Room state updated to OCCUPIED

The active booking can be found by the hotel using the room number

* 1. All other unsuccessful scenarios

There will be No change to anything.