

**EFCOMPANI**

**NOTTI TRANQUILLE**

## **Use-Case Specification: Manage Locations**

Version 0.1

# EFCOMPANI

## Revision History

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## Use-Case Specification: Manage Locations

### 1. Manage Locations

#### 1.1 Brief Description

This Use Case shows the process by which a Manager can manage structures under his responsibility and locations inside those structures. From here he can insert or remove locations from the system and change their informations.

### 2. Flow of Events

#### 2.1 Basic Flow

1. The Manager enters in the Manage Locations panel.
2. The System shows the list of structures that the Manager administrates.
3. The Manager chooses one and clicks on the button “Add new location”.
4. The System shows a form, composed of the following fields: description, number of rooms, number of bathrooms, number of maximum guests, number of beds, photos, prices, number of bedrooms and a booking calendar.
5. The Manager fills all the fields and confirms his choices.
6. The System shows a summary of the choices made.
7. The Manager confirms its correctness.
8. The System adds the new location and returns to step 2

#### 2.2 Alternative Flows

##### 2.2.1 *Remove Location*

1. In Step 3, The Manager chooses a structure and clicks on “Remove a location” button.
2. The System shows a list of all the locations of the selected structure.
3. The Manager chooses a location to remove.
4. The System asks for confirmation.
5. The Manager confirms.
6. The System deletes the location and returns to step 2.

## 2.2.2 *Modify Location*

1. In Step 3, The Manager chooses a structure and clicks on “Modify a location” button.
2. The System shows a list of all the locations of the selected structure
3. The Manager chooses a location to modify.
4. The System shows a form, composed of the following fields: description, number of rooms, number of bathrooms, number of maximum guests, number of beds, photos, number of bedrooms and a booking calendar. All the fields are filled with information retrieved from the system.
5. The Manager modifies one or more fields and confirms his choices.
6. The System shows a summary of the choices made.
7. The Manager confirms its correctness.
8. The System modifies the location’s informations and returns to step 2.

## 2.2.3 *Add Structure*

- 1 .In Step 3, The Manager clicks on the button “Add new Structure”..
- 2 .The System shows a form, composed of the following fields: name, city, address, nation, postal code, photos, terms of Service, terms of Cancellation, check in, check out, services, type.
- 3 The Manager fills all the fields and confirms his choices.
- 4 The System shows a summary of the choices made.
- 5 The Manager confirms its correctness.
- 6 The System adds the new location and returns to step 2.

## 2.2.4 *Remove Structure*

- 1 In Step 3, The Manager chooses a structure and clicks on the button “Remove Structure”.
- 2 The System asks for confirmation.
- 3 The Manager confirms.
- 4 The System deletes the structure and returns to step 2.

## 2.2.5 *Modify Strucutre*

- 1 In Step 3, The Manager chooses a structure and clicks on the button “Modify Structure”-.
- 2 The System shows a form, composed of the following fields: name, city, address, nation, postal code, photos, terms of Service, terms of Cancellation, check in, check out, services, type. All the fields are filled with information retrieved from the system.
- 3 The Manager modifies one or more fields and confirms his choices.
- 4 The System shows a summary of the choices made.
- 5 The Manager confirms its correctness.
- 6 The System modifies the structure’s informations and returns to step 2.

## 2.2.6 *Various*

- 1 In any Step, the Manager aborts the procedure. No changes are saved on the system.

## 2.2.7 *Basic Flow Specific*

1. In Step 6 the System detects that not all the fields have been filled. The flow returns to Step 4, maintaining the fields filled, and the System shows the message “All fields MUST be filled”.
2. In Step 6, the System detects that one or more fields have been filled with syntactically incorrect data. The flow returns to Step 4, maintaining the fields filled, and the System highlights the field(s) shows the message “One or more fields are incorrect”.

## 2.2.8 *Modify Location Flow Specific*

1. In Step 6, the System detects that not all the fields have been filled. The flow returns to Step 4, maintaining the fields filled, and the System shows the message “All fields MUST be filled”.
2. In Step 6, the System detects that one or more fields have been filled with syntactically incorrect data. The flow returns to Step 4, maintaining the fields filled, and the System highlights the field(s) shows the message “One or more fields are incorrect”.

## 2.2.9 *Add Structure Flow Specific*

1. In Step 4, the System detects that not all the fields have been filled. The flow returns to Step 2, maintaining the fields filled, and the System shows the message “All fields MUST be filled”.
2. In Step 4, the System detects that one or more fields have been filled with syntactically incorrect data. The flow returns to Step 2, maintaining the fields filled, and the System highlights the field(s) shows the message “One or more fields are incorrect”.

## 2.2.10 *Remove Structure Flow Specific*

1. In Step 4, the System detects that in the System there are locations still linked to the structure. The System shows a warning with a button for viewing them and another to confirm anyway and eliminate structure and locations.

## 2.2.11 *Modify Location Flow Specific*

1. In Step 4, the System detects that not all the fields have been filled. The flow returns to Step 2, maintaining the fields filled, and the System shows the message “All fields MUST be filled”.
2. In Step 4, the System detects that one or more fields have been filled with syntactically incorrect data. The flow returns to Step 2, maintaining the fields filled, and the System highlights the field(s) shows the message “One or more fields are incorrect”.

## Special Requirements

None

## 3. Preconditions

- 3.1 The Manager has to be logged in.

## 4. Postconditions

- 4.1 *Basic Flow*: a new location is inserted in the system.
- 4.2 *Remove Location Flow*: A location is removed from the system.
- 4.3 *Modify Location Flow*: the informations, saved in the system, about a location are modified.
- 4.4 *Add Structure Flow*: a new structure is inserted in the system.
- 4.5 *Remove Structure Flow*: A structure is removed from the system.

4.6 *Modify Structure Flow*: the informations, saved in the system, about a structure are modified.

## 5. **Extension Points**

None