

<i>Version</i>	<i>Date</i>	<i>Author</i>	<i>Description of change</i>
1	11/06/2022	Team 1	Create Use Case

## Header

Use Case:	<i>Create a room</i>
ID:	<i>UC-0001</i>
Description:	<i>A user wants to create a new room on the website which gets automatically created in the backend too.</i>
Actors:	<i>User</i>
Stakeholders and Interests:	<i>User, Backend development team, Frontend development team</i>
Trigger	<i>The user clicks on the add-button in the upper right corner of the main page.</i>

## Pre-Conditions

*The user must have opened the website, on its main page, in his browser.*

## Post-Conditions

*The add-window is closed, and the user is back on the main page.*

## Success end condition

*A new room was successfully created, the add-window is closed, and the new room is visible on the main page.*

*Creating a new room was canceled and the add-window is closed.*

## Failure end condition:

*During the creation of a new room, the internet connection was lost. -> creation gets canceled.*

### **Main Success Scenario:**

1. *The user clicks the add-button.*
2. *The user fills in all required data for the new room (Name, size, max. people).*
3. *The user clicks the save-button.*
4. *The add-window closes.*
5. *The new room is visible as a new item in the list with existing rooms.*

### **Alternative Flow and Exceptions:**

1. *The user clicks the add-button.*
  - 2a. *The user does not enter all required data.*
  - 2b. *The user clicks the save button.*
  - 2c. *The add-window does not close -> a warning appears that he needs to fill in the required data before he can save the room.*
  - 2d. *The user enters the required data and saves the room.*
  4. *The add-window closes.*
  5. *The new room is visible as a new item in the list with existing rooms.*
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1. *The user clicks the add-button.*
  - 2a. *The user does not enter all required data.*
  - 2b. *The user clicks the save button.*
  - 2c. *The add-window does not close -> a warning appears that he needs to fill in the required data before he can save the room.*
  - 2d. *The user aborts the action and closes the add-window.*
  4. *The add-window closes.*
  5. *No room is added to the list.*

### **Non-Functional Requirements:**

#### *Performance*

*The creation of a new room does not take longer than 10 seconds.*

#### *Security*

*Only accepted characters can be entered in the text fields of the add-window.*

#### *User Interface*

*The user has a good overview over the add-window, and it is self-explaining.*