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| *Version* | *Date* | *Author* | *Description of change* |
| 1 | 11/06/2022 | Team 1 | Create Use Case |

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| Header |

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

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| **Pre-Conditions** |

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

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| **Post-Conditions** |

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

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| **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.*

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| **Failure end condition:** |

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

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| **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.*

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| **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.*

*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.*

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| **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.*