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| Version | Date | Author | Description of change |
| 01 | 29/10/2021 | Nuray Seker | Create Use Case |
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| Header |

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| Use Case: | Update Rooms (id, size, available doors, windows, lights and fans) |
| ID: | UC-0021 |
| Description: | The user can update room by entering new id, room size, the number of available doors, the number of available windows, lights, and fans. |
| Actors: | User, Admin |
| Stakeholders and Interests: | User, Admin |
| Trigger | Clicking on the context menu field “View all rooms”, clicking on the button “Edit” and providing the provided input that wants to be changed and clicking on the button “OK”. |

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| **Pre-Conditions** |

The database includes the old version of the room.

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| **Post-Conditions** |

The database includes the new version of the room.

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| **Success end condition** |

The room doesn’t have the same info prior to update.

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| **Failure end condition:** |

The room has the same information as prior to update attempt.

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| **Main Success Scenario:** |

1. User opens application
2. User selects context menu field “View all rooms”
3. User clicks on the button “Edit” next to preferred room.
4. Use can enter a numeric input according to what he wants to change:
   1. ID
   2. Room Size
   3. Number of doors
   4. Number of windows
   5. Number of lights
   6. Number of fans
5. User clicks on “OK” button
6. Room is updated.

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| **Alternative Flow and Exceptions:** |

3. User clicks on one of the room that are listed.

3a. User clicks on “Edit” button on the page that shows information of room.

Exceptions

User tries to enter wrong input such as size 0 and 0 doors.

User clicks on “Cancel” button.

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| **Non-Functional Requirements:** |

Performance

Updating rooms should not take longer than 5 seconds.

Security

Provided input must not leak outside of the database.

User Interface

Updating users must be easily done without using a user manual.

Consistency

The application must make sure to commit transaction correctly, not allowing data inconsistencies.