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| *Version* | *Date* | *Author* | *Description of change* |
| 1 | 23/10/2022 | Ecker-Eckhofen | Create Use Case |
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| Header |

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| Use Case: | Admin: remote room control before leaving a room. |
| ID: | UC-02 |
| Description: | Lock doors, turn lights of, close windows, turn fan off. |
| Actors: | Admin |
| Stakeholders and Interests: | Admin |
| Trigger | Logging in as admin |

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| Pre-Conditions |

Open doors, lights on, windows open, fan on.

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| Post-Conditions |

Closed doors, lights off, windows closed, fan off.

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| Success end condition |

Closed doors, lights off, windows closed, fan off.

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| Failure end condition: |

Open doors, lights on, windows open, fan on.

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| Main Success Scenario: |

1. Admin opens the web application.

2. Welcome page is shown.

3. Admin logs into the web application with username and password.

4. Admin imports CSV data.

5. Rooms are visualized.

6. Admin selects room.  
7. Room data is visualized.  
8. Admin uses button “close door 1”.  
9. “close door 1” button is now grey displayed and door 1 is closed.

10. Admin uses button “lights 1 off”.

11. “lights 1 off” button is now grey displayed and lights 1 are off.

12. Admin uses button “close window 1”.

13. “close window 1” button is now grey displayed and window 1 is closed.

14. Admin uses button “fan 1 off”.

15. “fan 1 off” button is now grey displayed and fan 1 is off.

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| Alternative Flow and Exceptions: |

4a. Alternatively admin creates a room with id, size, available doors, windows, lights and fans.

4b. Alternatively admin updates room that already exists depending on the id, size, available doors, windows, lights or fans.

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| Non-Functional Requirements: |

**Performance**: Remote Control delay is at maximum 15 seconds. Web application should work on every browser.

**Security**: Only users that are registered at the database as admins get remote control functions.