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| Version | Date | Author | Description of change |
| 1 | 29/10/2022 | Nuray Seker | Create Use Case |
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| Header |

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| Use Case: | Show the co2/temperature values and the number of people for each room over time with a line chart |
| ID: | UC-007 |
| Description: | The user can visualize the co2 and temperature values and the number of people for each room over time with a line chart. |
| Actors: | Admin, User |
| Stakeholders and Interests: | Admin, User |
| Trigger | User clicks on one of the rooms that are listed after clicking on “View all rooms” |

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| **Pre-Conditions** |

The application lists all the available rooms.

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| **Post-Conditions** |

Co2 and temperature values of selected room over time are visualized with line chart.

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| **Success end condition** |

Co2 and temperature values of selected room over time are visualized with line chart.

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| **Failure end condition:** |

Co2 and temperature values of selected room over time are not visualized with line chart.

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| **Main Success Scenario:** |

1. User opens application
2. User clicks on context menu field “View all rooms”
3. Application lists all rooms that are available
4. User selects and clicks on the button “Information” next to the preferred room
5. Co2 and temperature values of selected room are visualized with a line chart.

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| **Alternative Flow and Exceptions:** |

No alternative flow and exception.

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| **Non-Functional Requirements:** |

Performance

Visualizing the co2 and temperature values of selected room over time should not take longer than 5 seconds.

User Interface

The line chart should be colorful, easy to read and reflect the data accurately.