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| *Version* | *Date* | *Author* | *Description of change* |
|  | 29/10/2022 | Stefan Pilgerstorfer | Create Use Case |
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| Header |

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| Use Case: | Automatically add random values for co2/temperature/number of people for a specific room |
| ID: | UC-0009 |
| Description: | Automatically add random values for co2/temperature/number of people for a specific room |
| Actors: | Administrator |
| Stakeholders and Interests: | Software Test Users |
| Trigger | Administrator via Graphical User Interface |

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| **Pre-Conditions** |

Random number of co2/temperature/number of people data-entries present in database.

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| **Post-Conditions** |

A specific number (Administrator-defined) of additional co2/temperature/number of people data-entries present are present in database.

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| **Success end condition** |

A specific number (Administrator-defined) of additional co2/temperature/number of people data-entries present are present in database.

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| **Failure end condition:** |

Entries couldn’t be added to database => Error Message

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| **Main Success Scenario:** |

1. Administrator defines number of additional random data-entries in GUI

2. Administrator defines type of additional random data-entries in GUI (ticking checkboxes)

3. Administrator presses “add random db-entries”

4. Random values are added to database

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| **Alternative Flow and Exceptions:** |

4a. If entries could not be added, an Error Message is displayed.

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| **Non-Functional Requirements:** |

Random Number Generator

To add randomized data entries, we need a random number generator.

User Interface

Checkboxes for different types of database entries (co2/temperature/number of people). Textboxes, where desired count of random entries for different types of entries can be typed.