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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: | Import data from CSV to an Entity-Relationship database |
| ID: | UC-001 |
| Description: | The user can choose a given .csv file which then will be transformed into a ER database table. |
| Actors: | User, Admin |
| Stakeholders and Interests: | User, Admin |
| Trigger | Clicking on a menu field “Import file” and selecting the .csv file and clicking on “OK”. |

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| **Pre-Conditions** |

A .csv file the user can import exists.

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| **Post-Conditions** |

The application has access to the rooms and information in the .csv file through the created database table.

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| **Success end condition** |

The application has access to the rooms and information in the .csv file through the created database table.

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| **Failure end condition:** |

No database created and no .csv file imported.

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| **Main Success Scenario:** |

1. User opens application
2. User selects context menu field “Import data”
3. User must select a given .csv file
4. After selecting, the user presses “OK”
5. The file is transformed into an ER database
6. After successful import, a message appears that informs the user on successful import
7. The application now has all the information of the imported .csv file

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| **Alternative Flow and Exceptions:** |

No alternative flow – only one way to import data

Exceptions

When the user selects no data or a file with a wrong format or a .csv file that is incomplete such as missing or unnecessary rows or columns.

If the same data is presented there should be an error message that informs user.

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| **Non-Functional Requirements:** |

Performance

The action of importing data must happen within seconds and should not take longer than 5 seconds.

In case of system crash user should be informed and asked to try again. The error message should be visible at the bottom of the application.

User Interface

It should be easy and logical to find the context menu field to import data.