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

|  |
| --- |
| Header |

## 

|  |  |
| --- | --- |
| Use Case: | View real-time data regarding light/fan/window/door that is visualized with a line chart. |
| ID: | UC-006 |
| Description: | User can view real-time data regarding light/fan/window/door that is visualized 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” |

|  |
| --- |
| **Pre-Conditions** |

Rooms and static information on rooms were created and saved in the application.

|  |
| --- |
| **Post-Conditions** |

Static information (light/fan/window/door) is visualized as line-chart.

|  |
| --- |
| **Success end condition** |

Static information (light/fan/window/door) is visualized as line-chart.

|  |
| --- |
| **Failure end condition:** |

Static information of room is not shown as line-chart.

|  |
| --- |
| **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. Static information of selected room is visualized with a line chart.

|  |
| --- |
| **Alternative Flow and Exceptions:** |

No alternative flow and exception.

|  |
| --- |
| **Non-Functional Requirements:** |

Performance

Visualizing the static information 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.