Requirements

In the table below all requirements for the final project is listed along with ID-Numbers and descriptions. These requirements have been used to identify the Use-Cases.

Requirements are listed with a priority:

1. Has to be implemented
2. Important, should be implemented
3. Would be nice to have

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| **ID-Number** | **Requirement** | **Description** | **Priority** |
| H1 | Help Button | Ability to click the help button and get information about the Timeline manager | 2 |
| T1 | All timelines shown | All timelines are shown along with the events at the correct position on the timelines. | 1 |
| T1.1 | Show each event on the timeline | 1 |
| T1.2 | Correct position of event | 1 |
| T2 | Chose timeline | Show timeline to show | 1 |
| E1 | Event title shown | The title of every event shall be shown | 1 |
| E2 | Time span of events with duration | Events with duration shall show a bar representing the time span | 1 |
| E3 | Ability to click an event | When an event is clicked a popup window shows title, time(s) and description of the event | 1 |
| E3.1 | show title, time(s) and description | 1 |
| G1 | Scroll vertically/horizontally | Ability to scroll vertically/horizontally if timeline doesn’t fit in the window | 1 |
| G2 | Save timeline and events | Ability to save created timelines/events along with load already existing timelines/events | 1 |
| G3 | Load timelines and events | 1 |
| G4 | Share timeline | Ability to share timeline with friends and family | 3 |
| A 1 | Ability to add multiple timelines | Ability to add multiple timelines into time-manager, the timeline count should be unlimited | 1 |
| A 1.1 | Ability to add unlimited amount of events to the timeline | 1 |
| A 1.2 | Event collision notification | Notification when Event is added at same time as an existing event | 2 |
| A 2 | Add timelines with start- and end times | Ability to add separate timelines with start- and end times | 1 |
| D 1 | Add events with duration | Ability to add events with duration. When adding such events, user should specify title, description and start- and end times of the event | 1 |
| D 1.1 | Add title, description and start- and end times | 1 |
| N 1 | Add events with no duration | Ability to add events without duration. When adding such events, user should specify title, description and time of the event | 1 |
| N 1.2 | Add title, description and time | 1 |
| M 1 | Ability to delete timeline | Ability to delete any timeline | 1 |
| M 2 | Ability to delete event | Ability to delete any event | 1 |
| M 3 | Modify title, description or time of an event | Ability to modify title, description or time of an existing event | 1 |
| M4 | Modify timeline Start and End time | Ability to modify the timeline’s start and end time (only where if no events) | 2 |
| M 5 | Interface Customization | Ability to modify the interface of the timeline | 3 |