ANALYSIS DOCUMENT

for the service timeline manager

2017

## **Requirements**

Presents the list of requirements for the timeline manager. Technical requirements present the requirements for the software platform, whereas the functional requirements define the requirements for the developed software.

Priorities:

* 1=must implement
* 2=should implement (time allowing)
* 3=be nice to have

## ***Technical Requirements***

Technical Requirements

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| --- | --- | --- |
| **#No** | **Description** | **Priority** |
| **1.1** | Add multiple timelines with separate start- and end time | 1 |
| **1.2** | Add any number of events to timeline | 1 |
| **2.1** | Save and load timelines | 1 |
| **2.2** | Store data in a text file | 1 |
| **3.1** | In display mode, show all timelines | 1 |
| **3.2** | In display mode, show all events on each timeline | 1 |
| **4.** | Place events at the correct time in the timeline | 1 |
| **5.** | Show title for all events | 1 |
| **6.** | For events with duration, show the time span with a bar | 1 |
| **7.** | Click on an event to open a popup window showing title, descriptive text, and time(s) for the event | 1 |
| **8.** | Scroll horizontally and/or vertically if all timelines cannot fit in the display window | 1 |
| **9.** | Scroll in and/or out to zoom in or out of a timeline’s time span | 3 |

* 1. ***Functional Requirements***

Functional Requirements

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| --- | --- | --- | --- |
| **#No** | **Description** | **Referred Use Cases** | **Priority** |
| **1.** | Add new timeline with start- and end time |  | 1 |
| **2.** | Add event to timeline |  | 1 |
| **2.1** | Add non-duration event to timeline (title, time, description) |  | 1 |
| **2.2** | Add event with duration to timeline (title, start time, end time, description) |  | 1 |
| **3.** | Modify title, descriptive text, or time(s) for an event |  | 1 |
| **4.** | Delete event on a timeline |  | 1 |
| **5.** | Delete complete timeline |  | 1 |
| **6.** | Add image to event |  | 3 |
| **7.** | Drag-and-drop event to move it from one timeline to another |  | 3 |