**Timeline Manager Application**

**Test Plan**

In this document, we focus on the testing part of our timeline manager application. The viewer can find an overview of all the tests below. Both manual testing and jUnit testing was applied. We mainly focused on testing the functions of the software which is the use cases in our analysis document. The reason behind it, is that we can ensure that the application works ideally and we do not want any faults in the system.

Diverse types of testing were applied. Manual testing, making sure that the graphical user interface shows the right elements where they belong. jUnit testing of the code was also implemented.

These test has been done so far, we will update this document frequently.

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| **Iteration 1**  **Test Cases** | |
| **ID:** | **Name:** |
| TA1.1  Requirement: A2 | Add an event |
| TA1.2  Requirement: A2 | Add many events |
| TD1.1  Requirement: D2 | Delete an event |
| TD1.3  Requirement: D2 | Delete non-existent |
| TM1.1  Requirement: M1 | Modify timeline in a way that works |
| TM1.2  Requirement: M1 | Modify timeline in a way that doesn’t work |
| TM2.1  Requirement: M2 | Modify event in a way that works |
| TM2.2  Requirement: M2 | Modify event in a way that doesn’t work |
| TA3.1  Requirement: A1 | Add a timeline |
| TA3.2  Requirement: A1 | Add many timelines |
| TD3.1  Requirement: D1 | Delete a timeline |
| TD3.2  Requirement: D1 | Delete many timelines |
| TD3.3  Requirement: D1 | Delete non-existent |

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| **Iteration 2**  **Test Cases** | |
| **ID:** | **Name:** |
| TA1  Requirement: A1 | Add Timeline |
| TM1  Requirement: M1 | Modify Timeline |
| TD1  Requirement: D1 | Delete Timeline |
| TS | Save to file |
| TL | Load from file |

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| **Iteration 3**  **Test Cases** | |
| **ID:** | **Name:** |
| TA2  Requirement: A2 | Add Event |
| TM2  Requirement: M2 | Modify Event |
| TD2  Requirement: D2 | Delete event |
| TV4.1  Requirement: V4 | Show Event Details |
| TV4.2  Requirement: V4 | Hide Event Details |
| TS | Save to file |
| TL | Load from file |