Linnéuniversitetet
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17VT - 1DV508 - Project Course in Computer Science

Change-log Document

Timeline Manager

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1.Introduction

The change log is a document that is used by the project team to log and track change requests throughout the iteration phases. Changes such as design, deliverables, documentation, code or other important changes.
The change log should be updated as often as a new change request has been discussed and submitted.
These submissions will come directly from the team members and discussed and then chosen if rather improved, approved or dismissed by the others in the group.

Link to GitHub repository: https://github.com/Group7-1DV508/1DV508-group7

2. Objectives

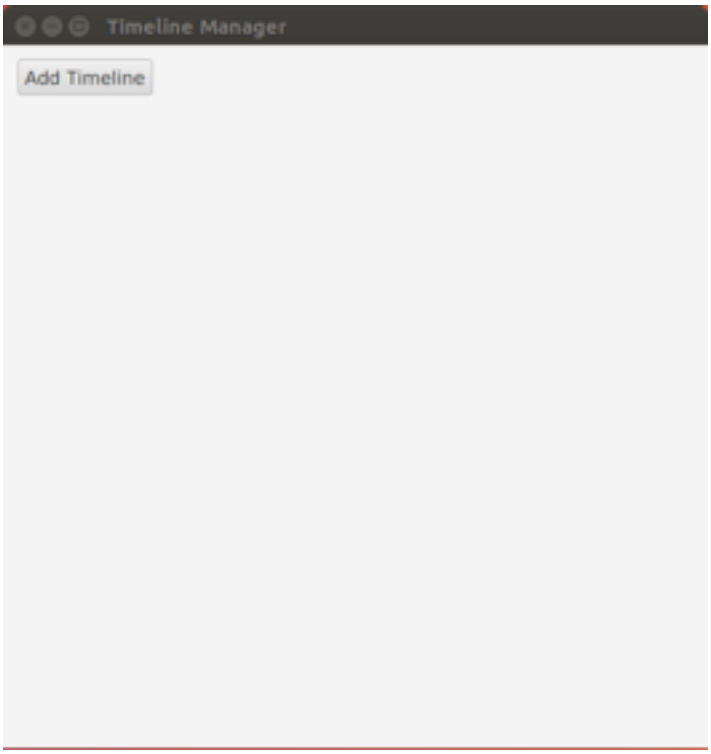
The purpose of this document is to keep track of all the changes done. Since it is a bigger group project and we are working on it simultaneously, it could cause huge problem in the change management if not carefully handed. Different people have varying interest in the project and the project will be influenced by these interest. This could set up for failure if not those changes are documented.

3. Change-log Iteration #1

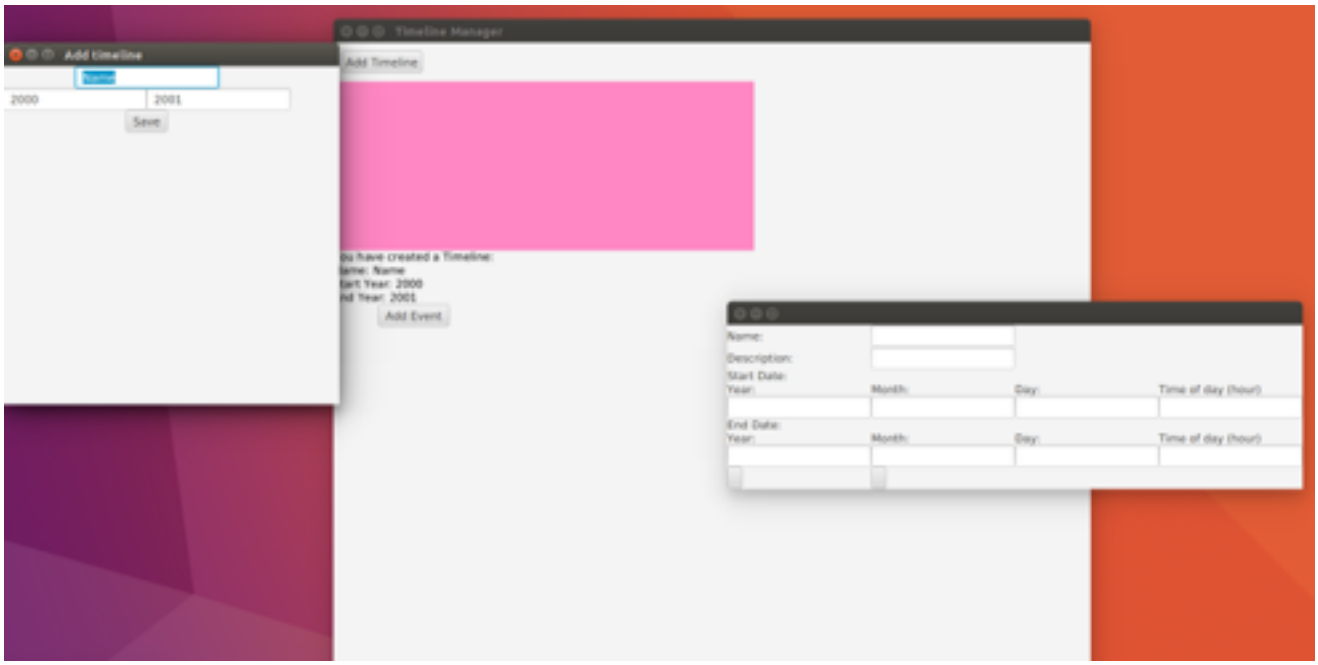
In the first iteration no changes had to be done since firstly we had to implement the main functions in our software project. The bigger changes came along in iteration two and three.

Implementation	Developer	Requirement
EventView, EventControl	Aya,Caroline	D1 D1.1 N1 N1.2 E1
Event Application	Caroline	E1
ApplicationView, ApplicationControl	Amelie	T1 T1.1 T1.2 E2
TimelineView, TimelineControl	Indre, Stefanos	A1 A1.1 A2
Timeline	Indre	A1 A1.1 A2
Test Plan Test-Cases JUnit Tests	Johan, pranav	-

3.1 Screenshots of iteration phase #1



Picture 1: Add timeline view



Picture 2: The Timelineview, Add Eventview and the main timeline UI

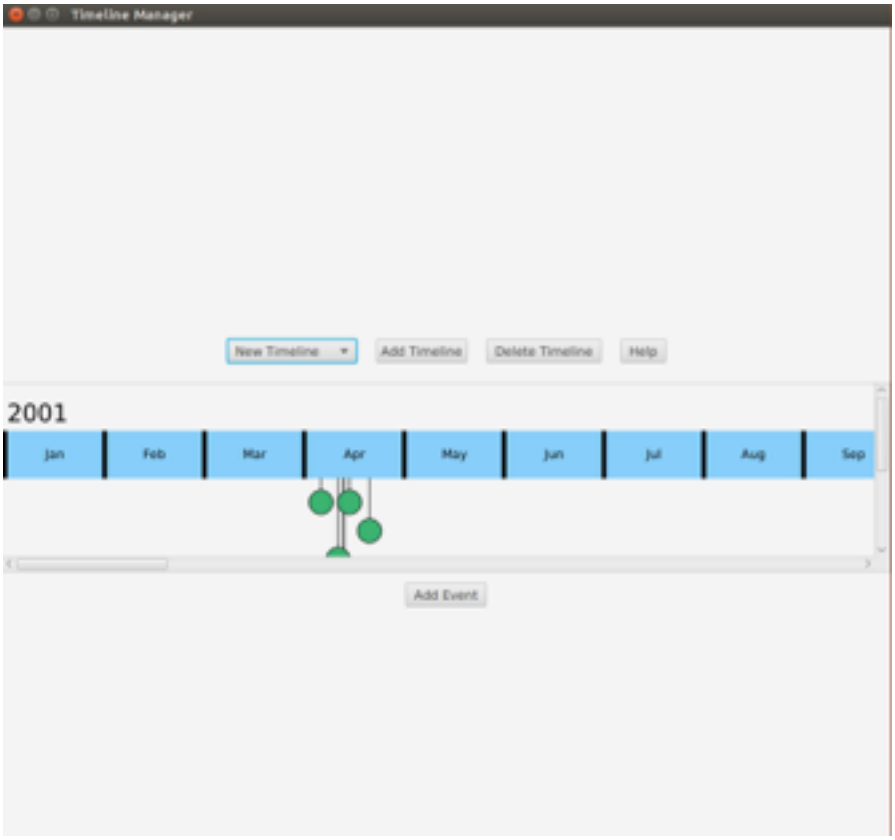
4. Change-log iteration #2

Change number	Change Type	Description of Change	Priority High/ medium/ low	Comments
TV_021	Timelineview	Scrollbar	High	A scrollbar was added, were you scroll between the durations of the years chosen
TV_022	Timelineview	Layout	Medium	Some Layout changes, for example the pink bar was removed, and a proper timeline was added instead
TV_023	Timelineview	Event Layout Event Hover function	High	Function which makes the green circles clickable and the accurate Event is shown
EV_021	Eventview	Edit Event Button Edit Event Window Delete button	High	Edit Event button and the Event Window were added. Also an empty Button was added to the Eventview
EC_021	EventController	OnEditEvent OnEditEventDuration	High	There wasn't really a function for the Eventduration before so the EventController was updated

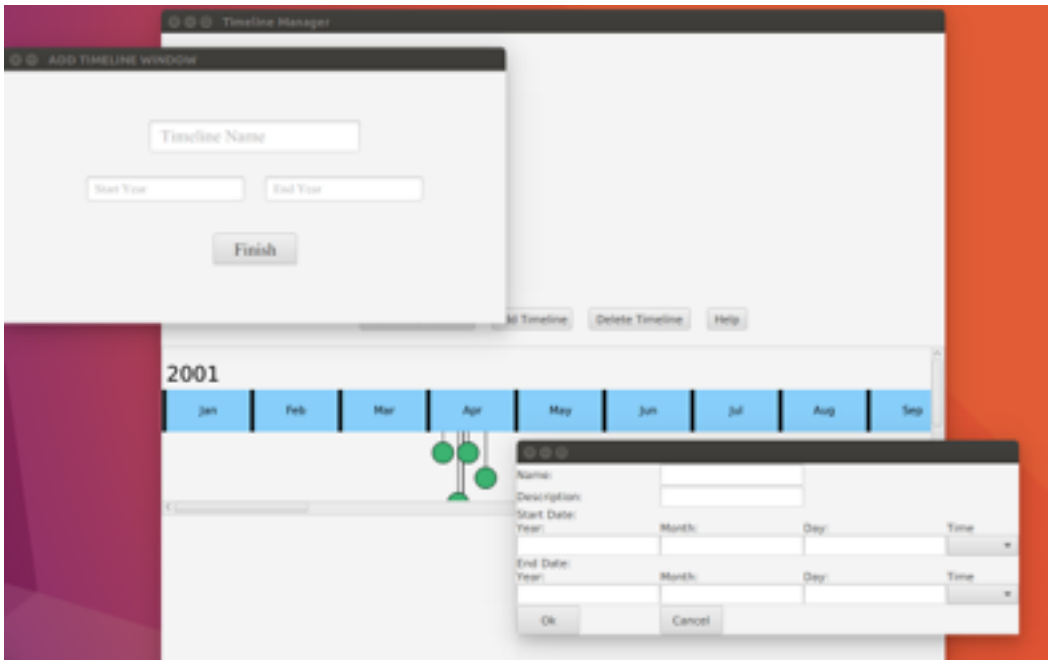
4.1 Documentation Change-log

Change number	Change Type	Description of Change	Paragraph of Change	Comments
DOC_021	Class Diagram	Layout changes Formal changes	-	Some of the arrows weren't common practice and confusing. Also the listener features were added
DOC_022	Implementation plan	Layout changes, Backlog and post-iteration reflection New iteration #2 added	2.Reflection 3. Backlog 4. Iteration#2 5.Reflection 6. Backlog	The new Layout and added paragraphs made the documentation more understandable
Doc_023	Test-cases	Update information Layout	Test case -edit event Test case- add Event Test case- add Timeline /* no paragraph - separated docs*/	More test-cases had to be written for iteration 2 and the old ones got a new format.

4.2 Screenshots of Changes



Picture 1: The main Timelineview with the new event circles



Picture 2: The new add Timeline window and add event window with functioning ok and cancel buttons.

5. Change-log Iteration #3

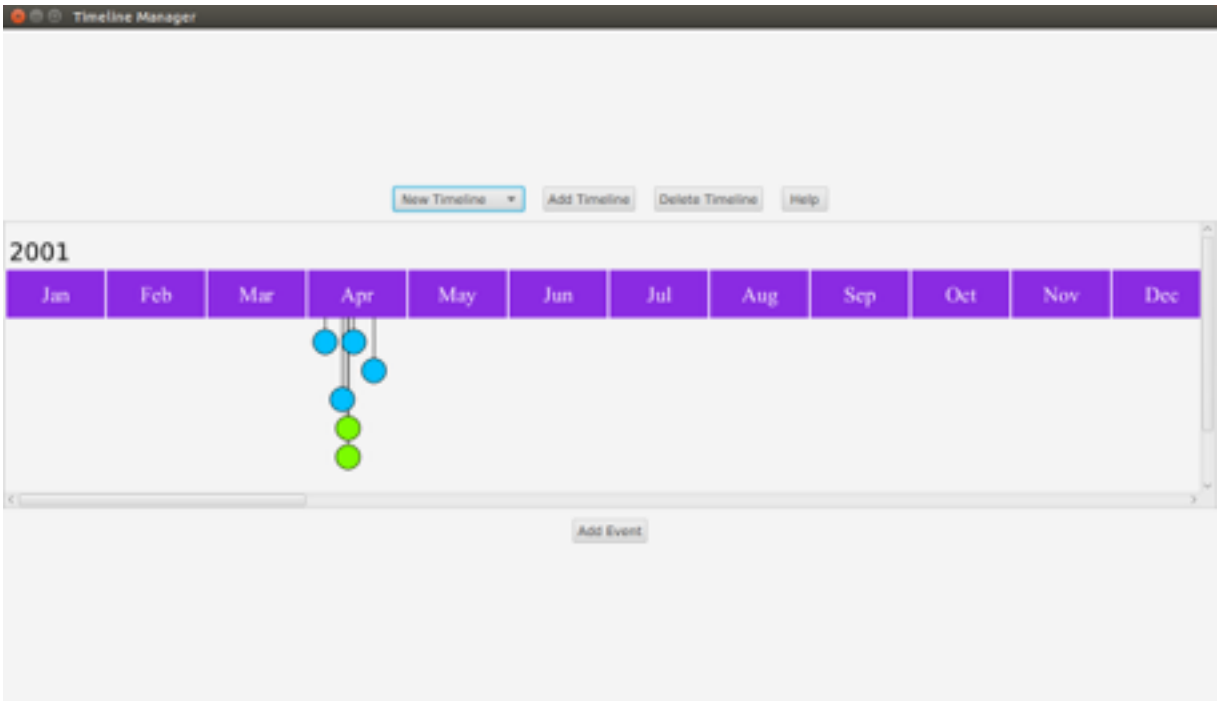
Change number	Change Type	Description of Change	Priority High/ Medium/ Low	Comments
Tv_031	Timelineview	Delete Button in Timeline has now a function	High	The delete button has a delete-function and Alert Windows were added to warn the user of change
Ev_032	Edit Eventview	The textfields are now disabled	High	The textfields in the Eventwindow are disabled and unchangeable until pressing ”Edit info” button. User edits the info and those changes are updated in the Timelineview and Eventview.
Tv_032	Timelineview	Durationbar for Events Color separating eventcircles	Medium	A durationbar was added, showcasing the timespan of the event. Also a separation of events was made for those with duration and non duration events.
Ev_033	Add Eventwindow	Datepicker	Medium	Instead of having to write month and day in the date fields. A more user-friendly Datepicker is implemented.

Change number	Change Type	Description of Change	Priority High/ Medium/ Low	Comments
-	J-unit	New j-unit tests	High	New test methods were implemented. Old ones reviewed and changed
Tv_033	Timelineview	Load Buttons Save Buttons	High	Empty buttons now have a function. Still not working perfectly

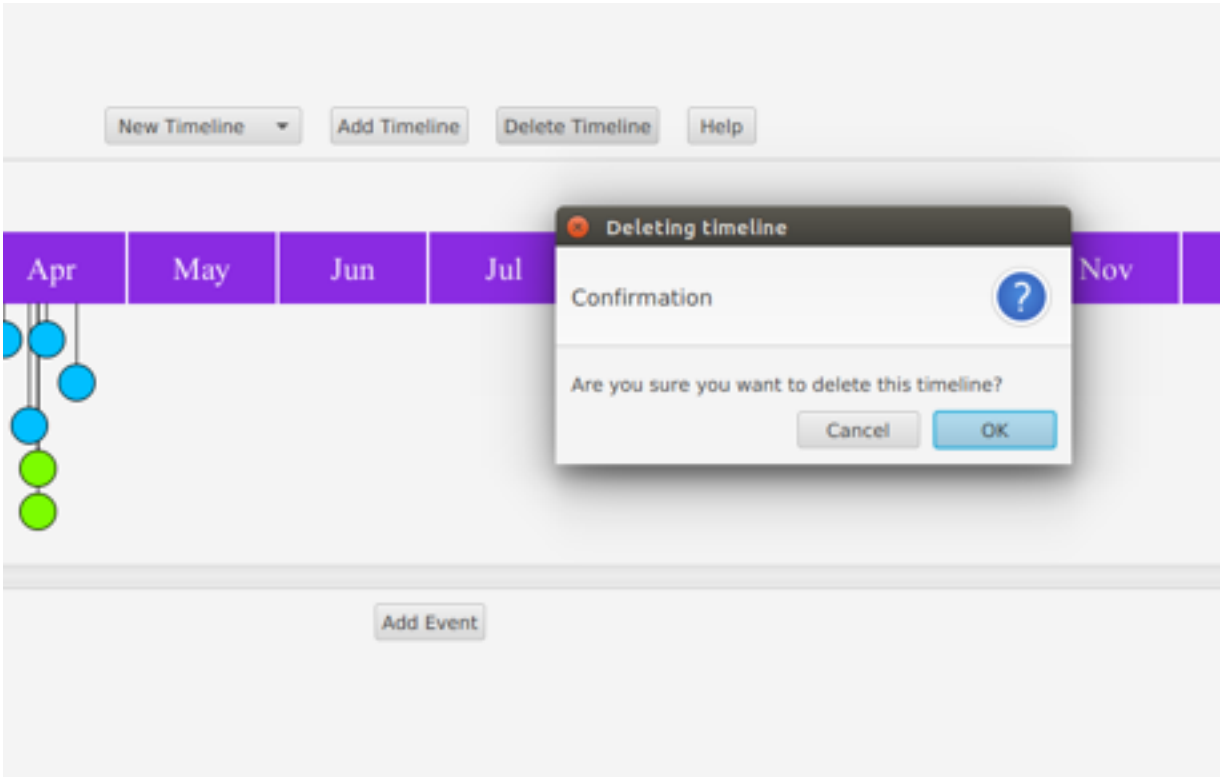
5.1. Documentation Change-log

Change number	Change Type	Description of Change	Paragraph	Comments
Doc_031	Test-plan	new paragraph Additions New Layout New test-cases	1. Introduction 2. Objectives 3. Scope 4. Strategy 5. Test-log 7. Risks 8.6. Test-Case: Delete Timeline 8.7. Test-Case: Delete Event 8.8. Test-Case: Save and Load Timeline	Explanatory paragraphs were added. Also a more professional layout was applied. New test cases for save, load and delete.
Doc_032	Implementation plan	New iteration was added	7.iteration#3 8.Reflection 9. Backlog	New iterations were added as swell a new backlog and
Doc_033	Change-log	Change-log implemented	All	Change-log implemented to keep track of the changes int the iterations

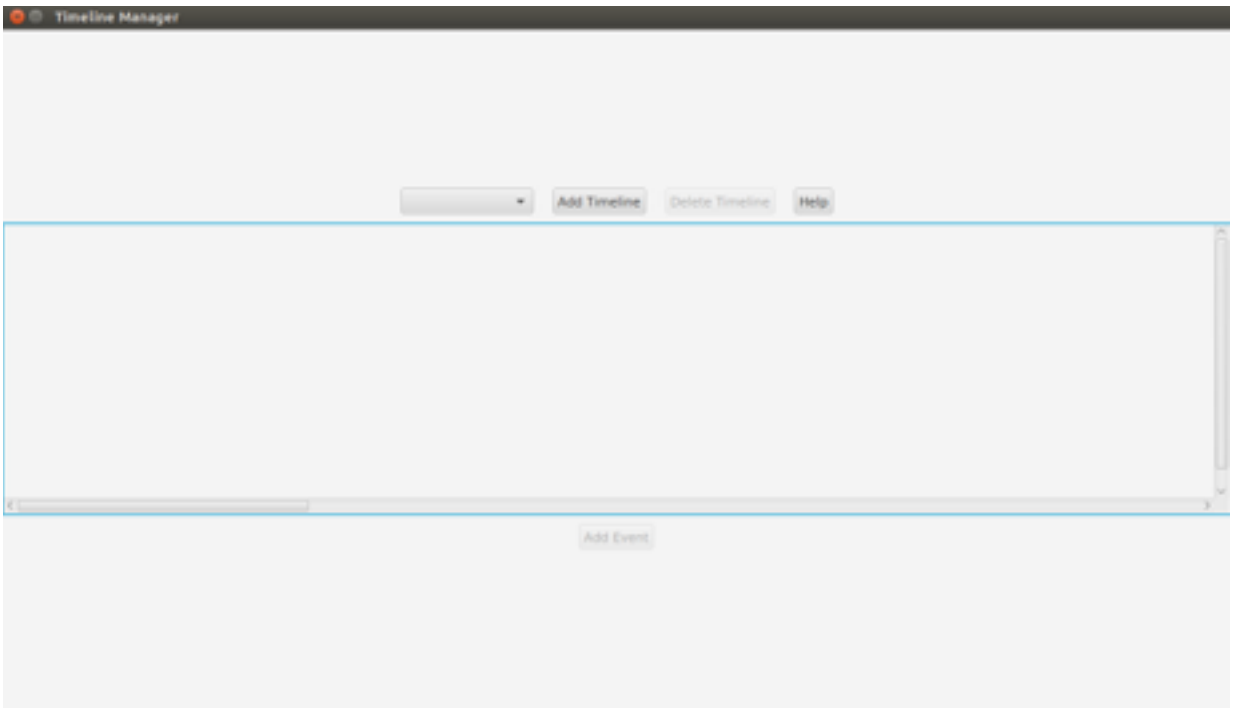
5.2 Screenshots of Change



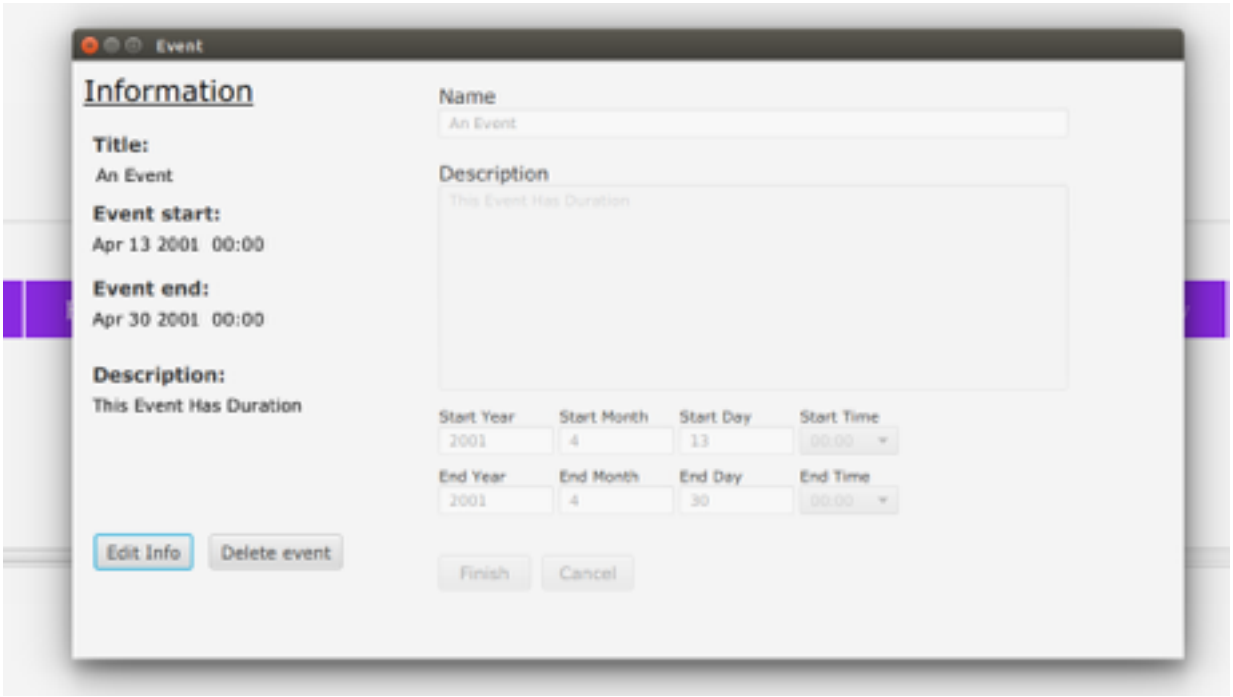
Picture 1: Main Ui for the Timeline. Events with and whiteout duration are different colored.



Picture 2: The Delete Timeline is implemented. Also alert windows warn the user now.



Picture 3: A deleted timeline.



Picture 4: The edit Event view with disabled text boxes.

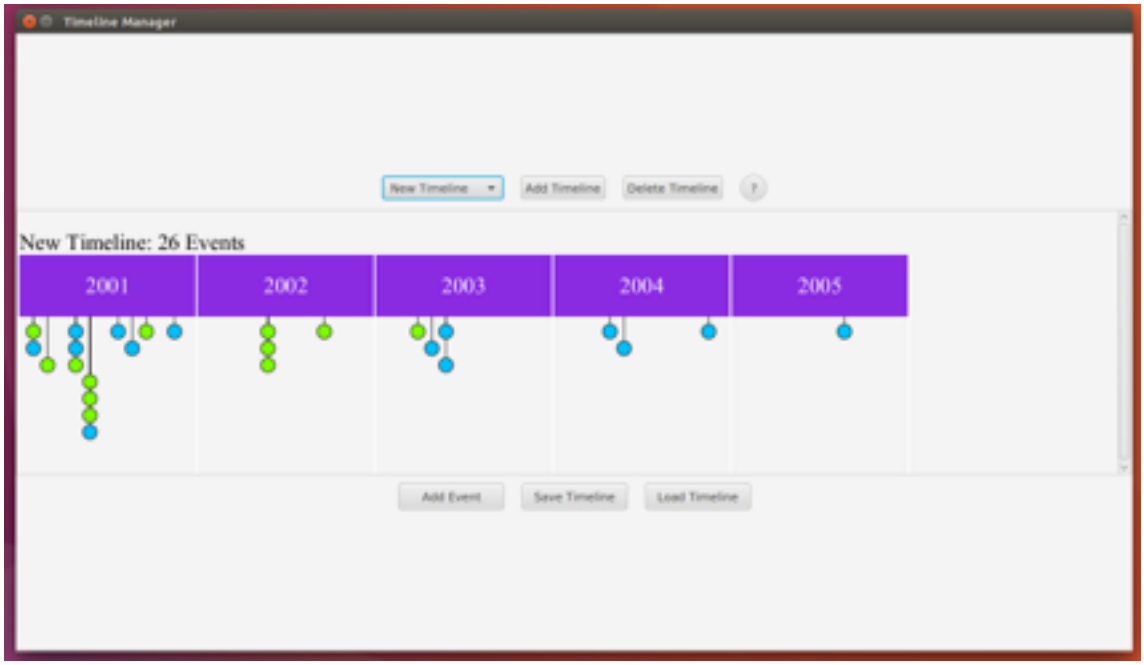
6. Change-log Iteration #4

Change number	Change Type	Description of Change	Priority High/ medium/ low	Comments
-	JUnit	New unit test was added	High	New tests for checking the general view
Ev_034	Edit Eventwindow Add Timeline	DatePicker was added for the Edit EventWindow and for the Add Timeline	High	When adding a new timeline a DatePicker helps choosing the years
Tv_034	Add Timeline	Month	High	Month was added as a start and end in the Add Timeline functions
Tv_035	Timelineview	Zoom function was added	Medium	New zoom function makes it possible to easier navigate between the years and their corresponding events.
Tv_036	Delete Timeline	Save Timeline is disabled	Medium	When deleting a timeline the save timeline button is disabled and unclickable
Tv_037	Timelineview	Load Buttons Save Buttons	High	Now the Save and load Button works.
Tv_038	Timelineview	Load Buttons	Medium	A alert is added if the Delete Button is pressed ” Delete timeline only ” or ” Delete Timeline and File”

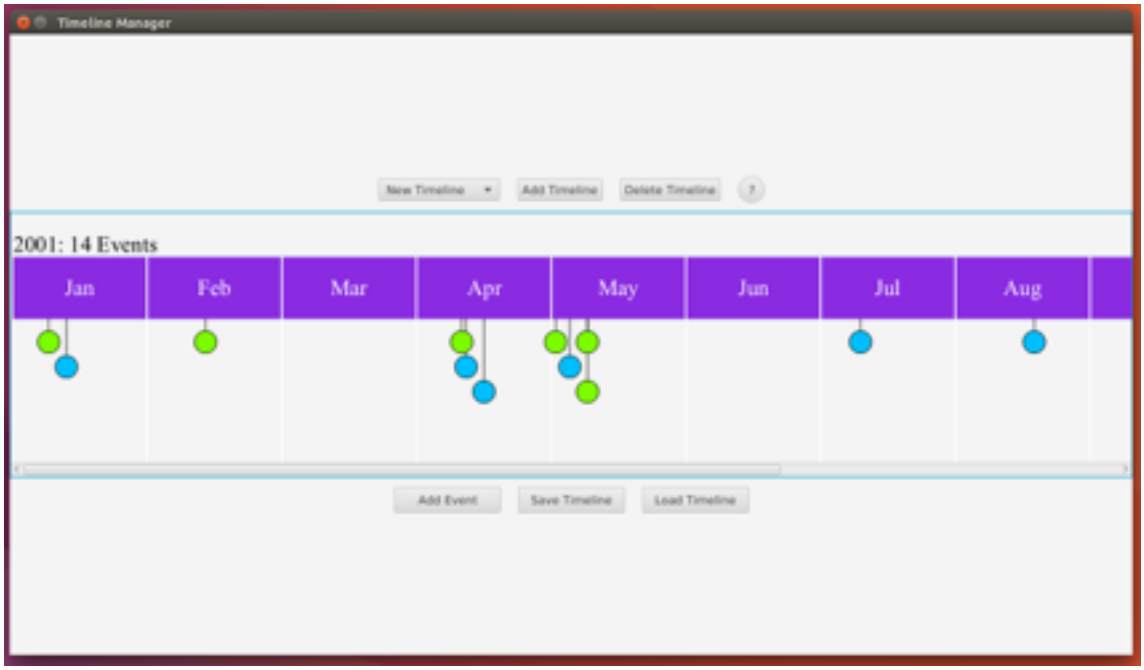
6.1. Documentation Change-log

Change number	Change Type	Description of Change	Paragraph	Comments
Doc_034	Test-plan	General spellfix New test-cases	Test-case: 8.9 General View	New test case was added, which checked the main UI. Status: passed
Doc_035	Implementation plan	New iteration was added	11. Iteration#4 12. Reflection 13. Backlog	New iterations were added as well a new backlog and the post iteration reflection
Doc_036	Change-log	New iteration was added	6. Change-log Iteration #4 6.1 Documentation Change-log 6.2 Screenshots of Change	Added iteration #4 as well as Screenshots of the new UI and added functions

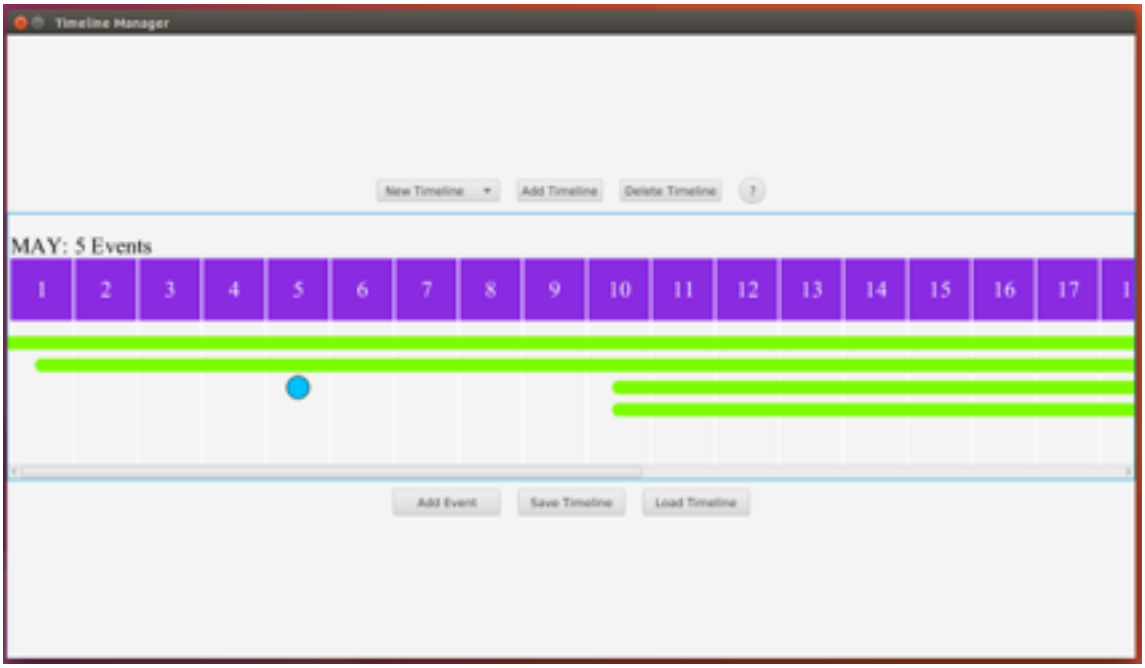
6.2 Screenshots of Change



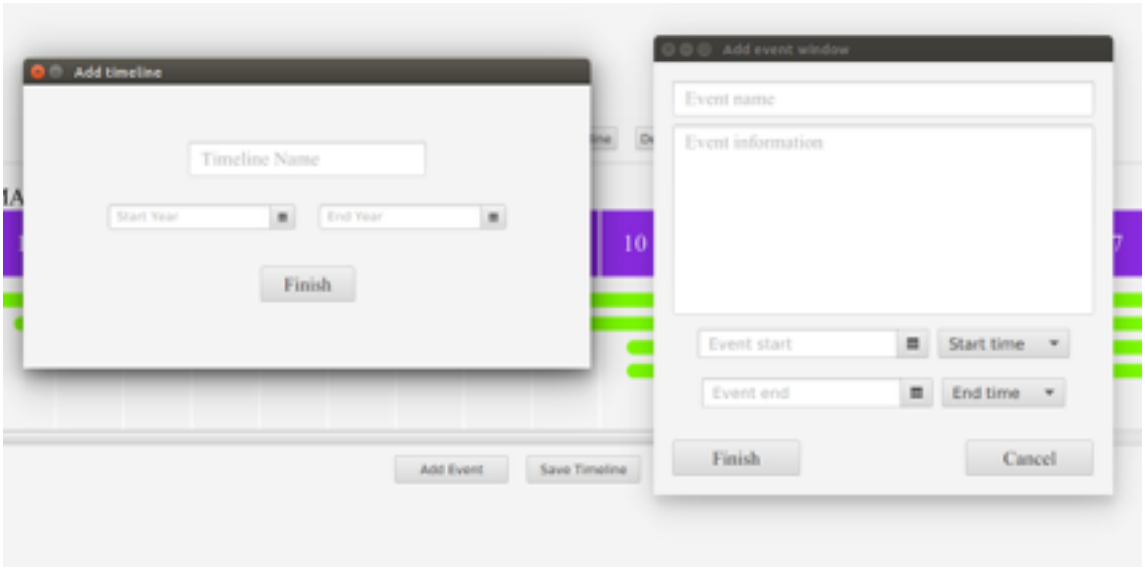
Picture 1 : The new Main UI, shows all the years on the timeline. When zooming in the YearView vill change to MothView.



Picture 2: When zoomed in on one of the years in the Timeline, the month with their Events appear. When hovering over the Event circles, the name of the Events show up.



Picture 3: Shows the zoomed in day view of a month and also the events with duration.



Picture 5 : New view of the Add Timeline and Add Event Window. In both you can now use the DatePicker which makes it more user-friendly and easier to choose the years and dates.

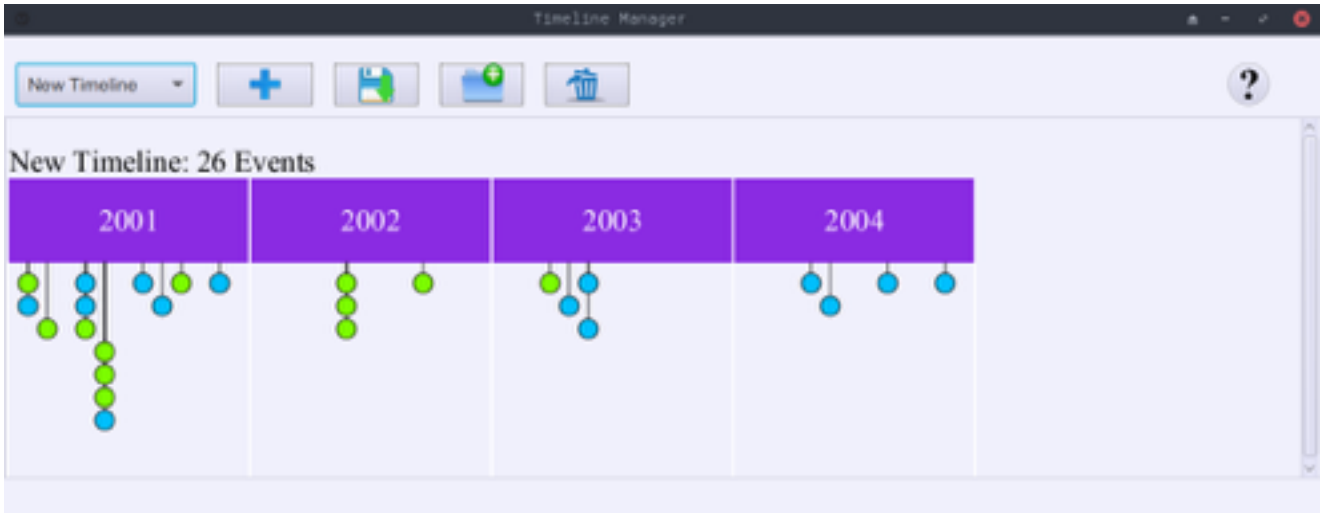
7. Change-log Iteration #5

Change number	Change Type	Description of Change	Priority High/ medium/ low	Comments
-	JUnit	New unit test was added	High	New tests for checking the general view
-	Buggfixes	General code cleanup and buggfix	Medium	Code cleanup in for example: Date view
Tv_039	Timelineview	Delete file	High	When deleting a timeline, a alert pops up and you can delete file from the source folder swell as just the timeline. Or keep the folder and have a backup.
-	Help button	The help button now has text	Low	The button now is divided in different under categories
	Main UI	Icons	Low	The Different buttons now have icons instead of just text.

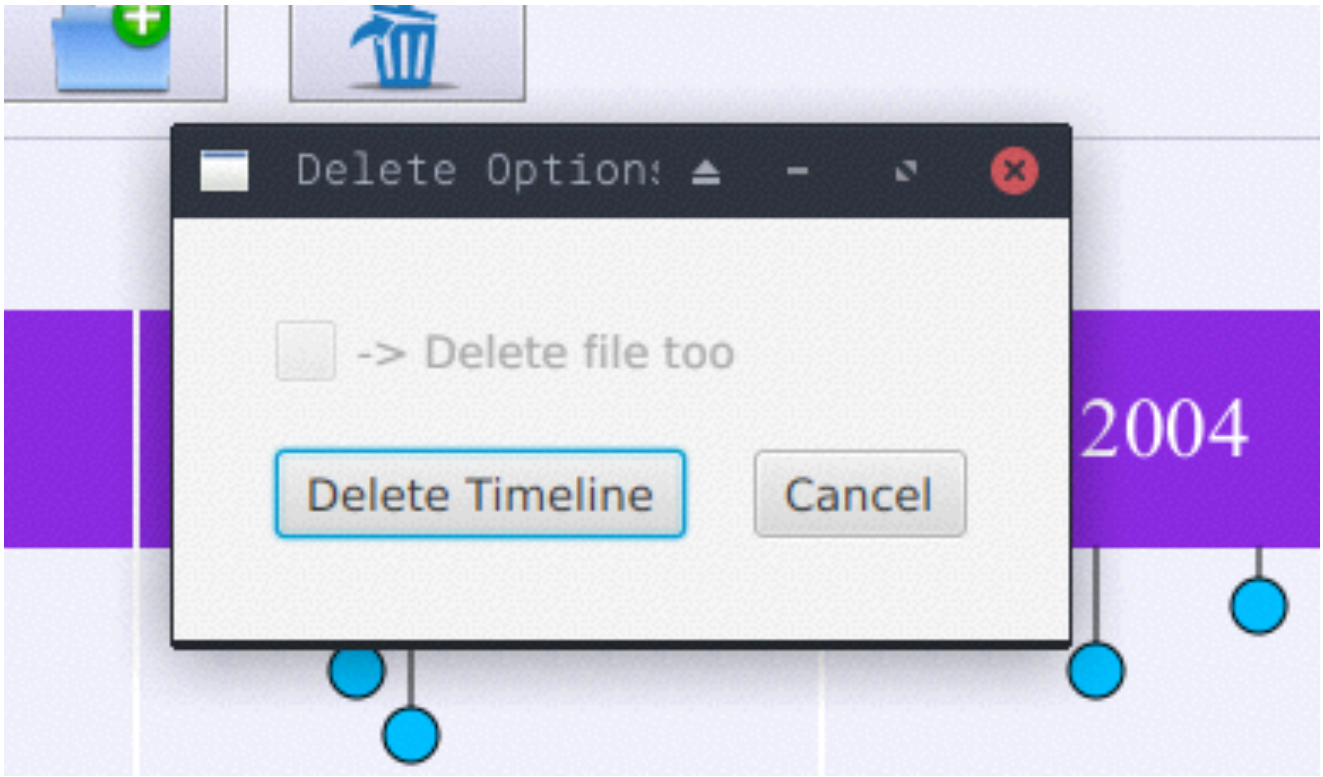
7.1 Documentation Change-log

Change number	Change Type	Description of Change	Paragraph	Comments
Doc_037	Test-plan	General spellfix New test-cases	Test-case: 8.10. General view 2	New test case was added, which checked the main UI.
Doc_038	Implementation plan	New iteration was added	14. Iteration#5 15. Reflection 16. Backlog	New iterations were added as well a new backlog and the post iteration reflection
Doc_039	Change-log	New iteration was added	7. Change-log Iteration #5 7.1 Documentation Change-log 7.2 Screenshots of Change	Added iteration #5 as well as Screenshots of the new UI and added functions
Doc_040	user-manual	New document	All of the paragraphs	A more detailed User guide is implemented. Status- not finished

7.2 Screenshots of Change



Picture 1: The new Button layout



Picture 2: The new delete file path

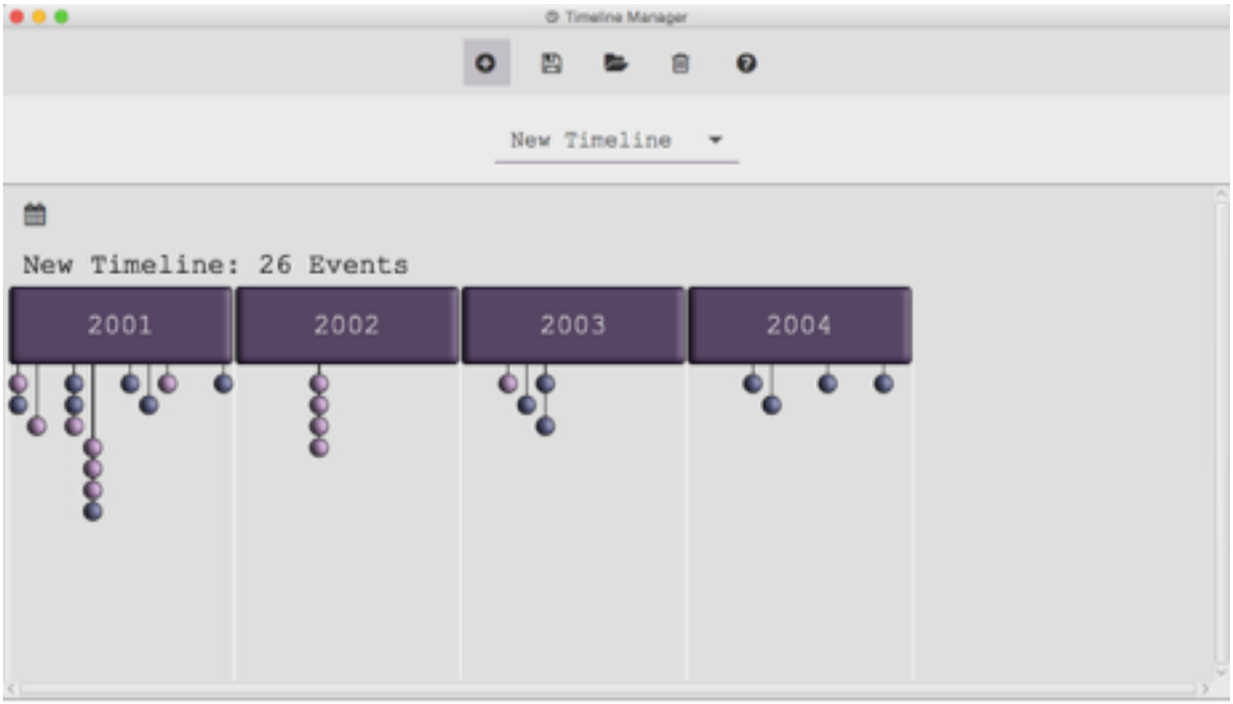
8. Change-log Iteration #6

Change number	Change Type	Description of Change	Priority High/ medium/ low	Comments
-	Help button	New helpbutton	Medium	The new help button has now a ”Quick help” and also a more information button which explains the functionality of the Timeline Manager, with text and pictures.
-	Buggfixes	General code cleanup and buggfix	Medium	Code cleanup in for example.
-	Main UI	Icons	Medium	UI changes on the icons
-	Main UI	A new design	Medium	The Timeline now got a different design and it now got a more professional look to it.
	Add Event	The Add event button now ”follows” the window when scrolling the timeline.	High	This new function makes it easier to add a Event anywhere in the timeline
	Add Event	BC events		Now you can add events before christ

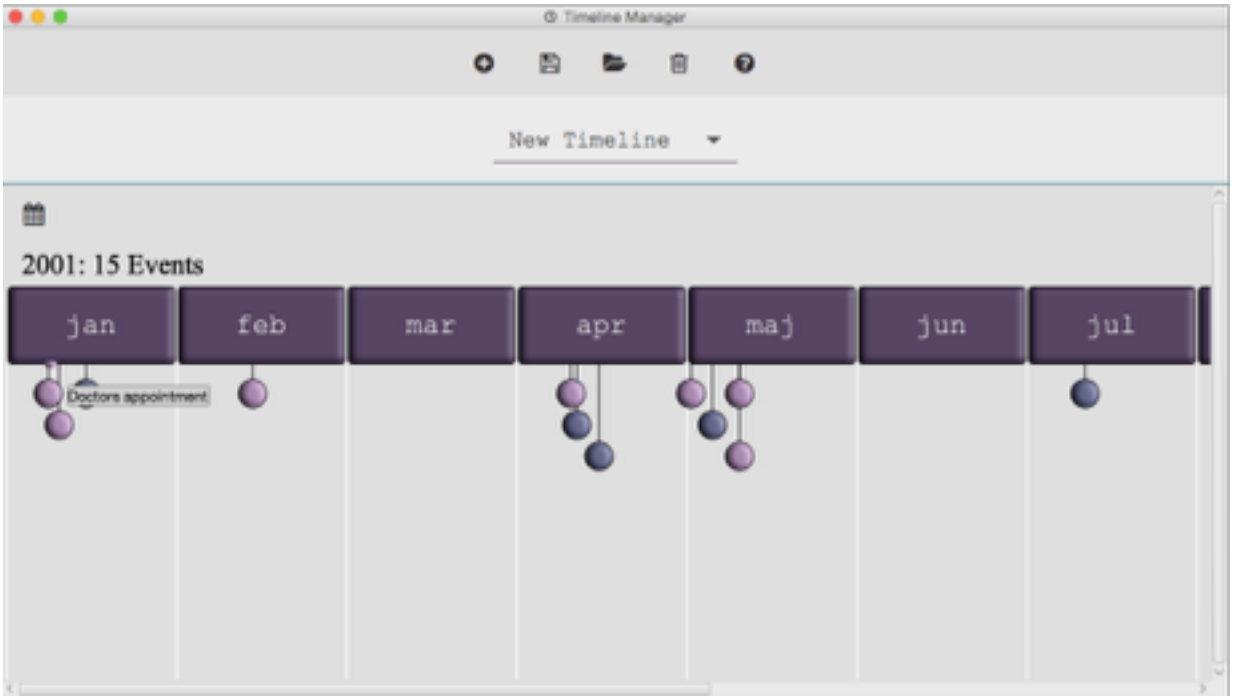
8.1 Documentation Change-log

Change number	Change Type	Description of Change	Paragraph	Comments
Doc_041	Test-plan	General spellfix New test-cases		New test case was added, which checked the main UI.
Doc_042	Implementation plan	New iteration was added	Last iteration	New iterations were added as well a new backlog and the post iteration reflection
Doc_043	Change-log	New iteration was added	8. Change-log Iteration #6 8.1 Documentation Change-log 8.2.Screenshots of Change	Added iteration #6 as well as Screenshots of the new UI and added functions Also a table of contents were added.
Doc_044	User-manual	New document		Added paragraphs and changes of the pictures

8.2 Screenshots of Change

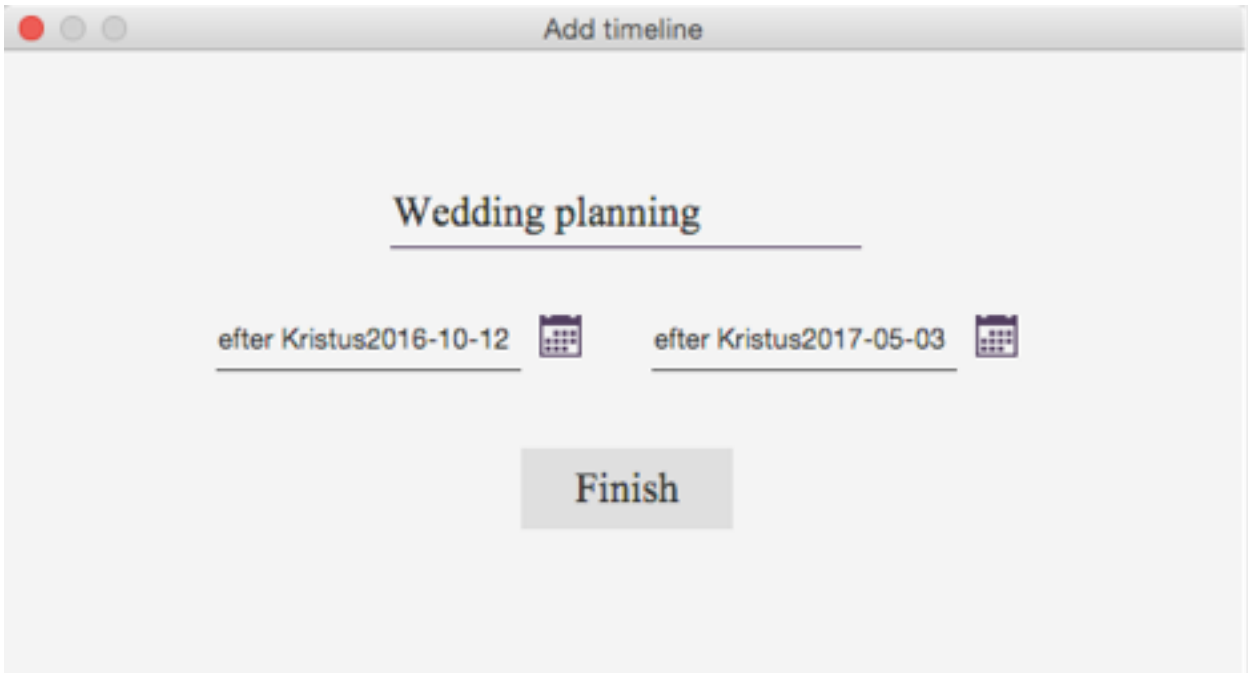


Picture 1: The new main UI, this shows the years of the Timeline, The new icons on the top, and also the new Add Event icon, which follows the user when scrolling the Timeline.

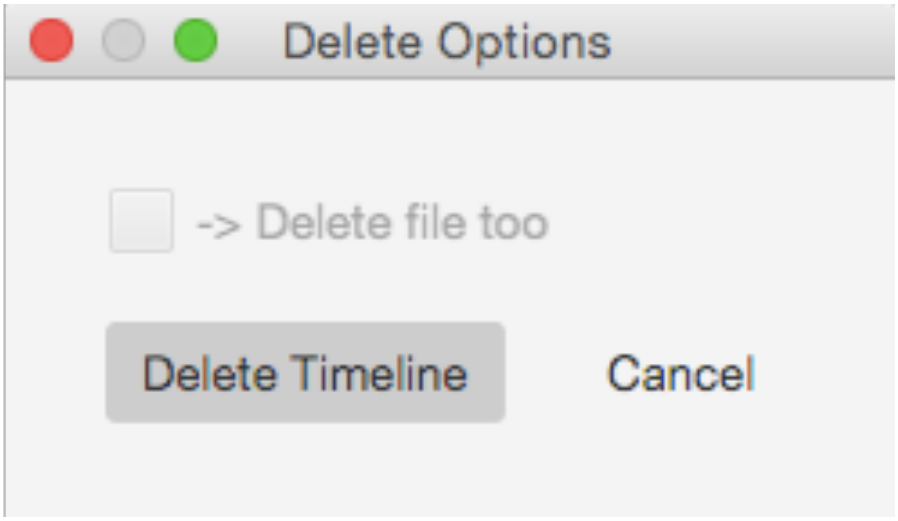


Picture 2: When using the Scroll function (right-click) the first view is the year view and this shows the month view

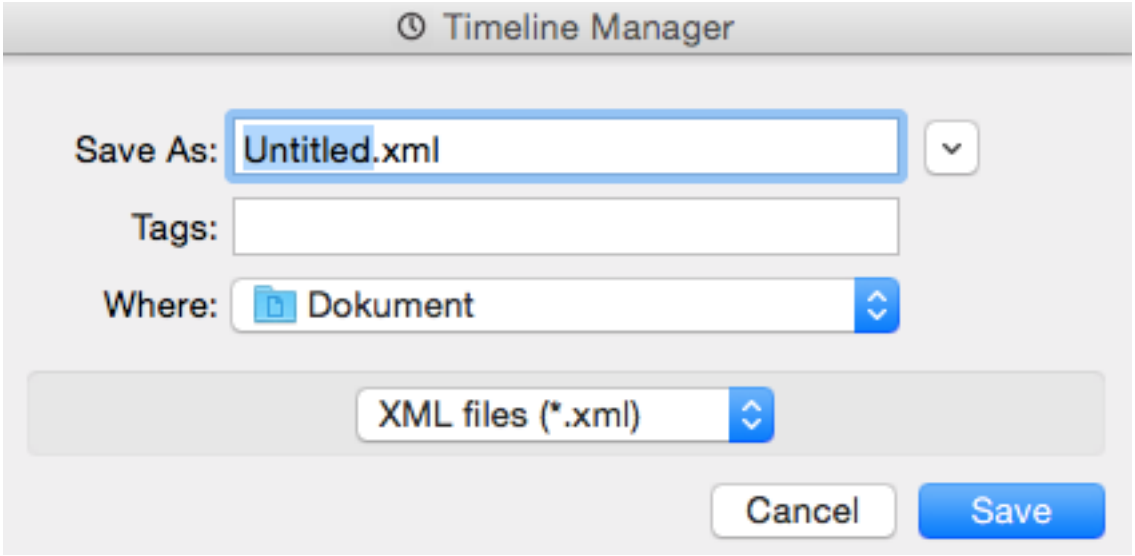
Picture 3 : After one more right click the Day view with the events appear. The purple circles are events without duration and the lighter colored bars are events with duration.



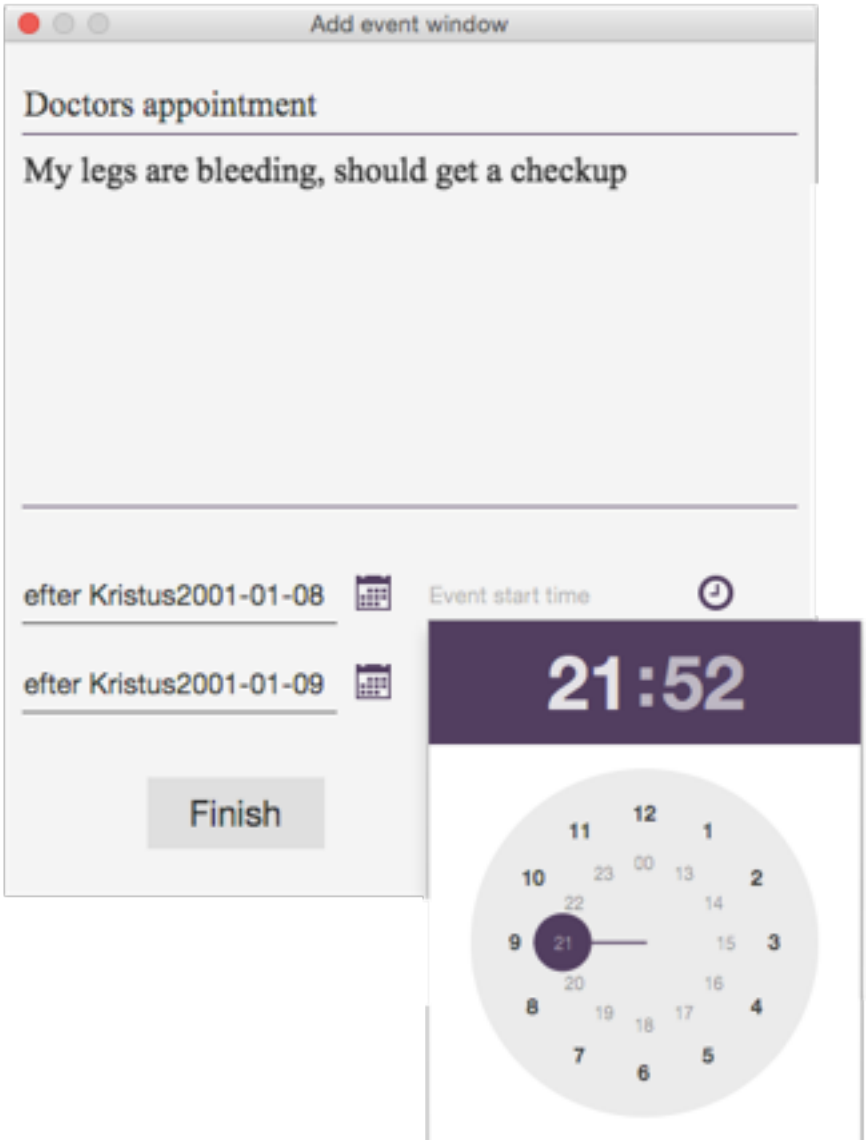
Picture 4 : This picture shows the new look of the Add Timeline window. Now you can choose dates BC.



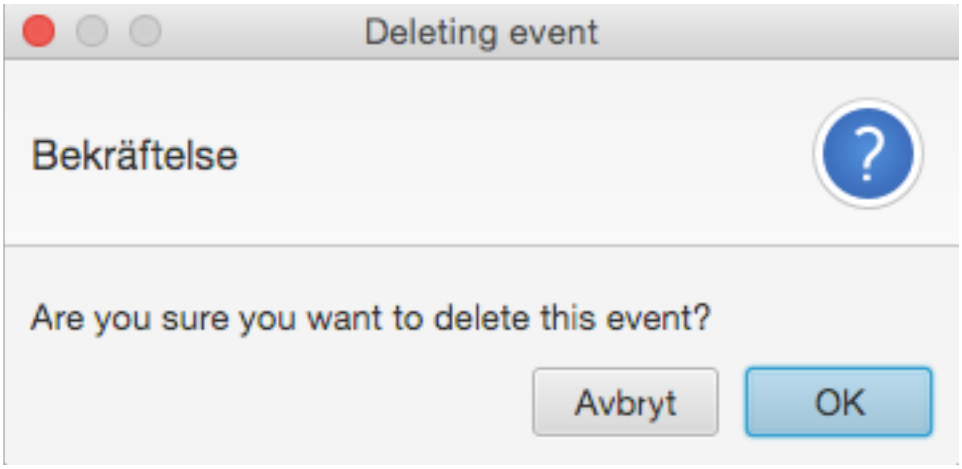
Picture 5: The final delete Timeline window, were you can choose to delete the file as well when deleting the Timeline.



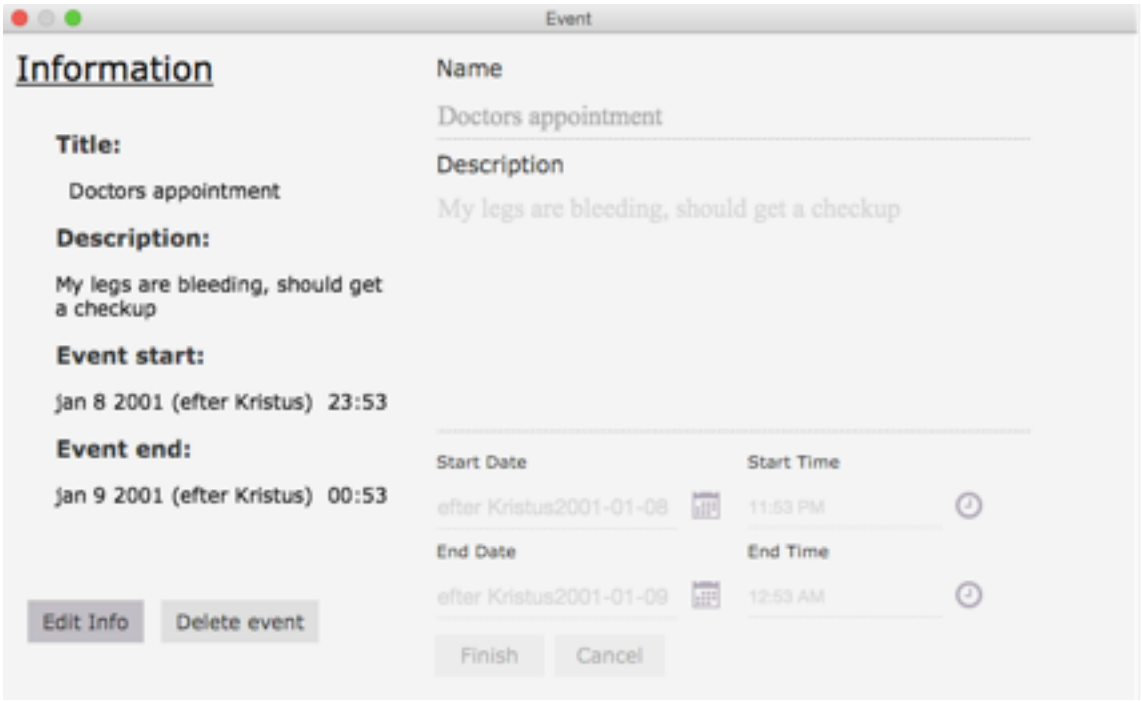
Picture 6: Saving the timeline files to your desktop



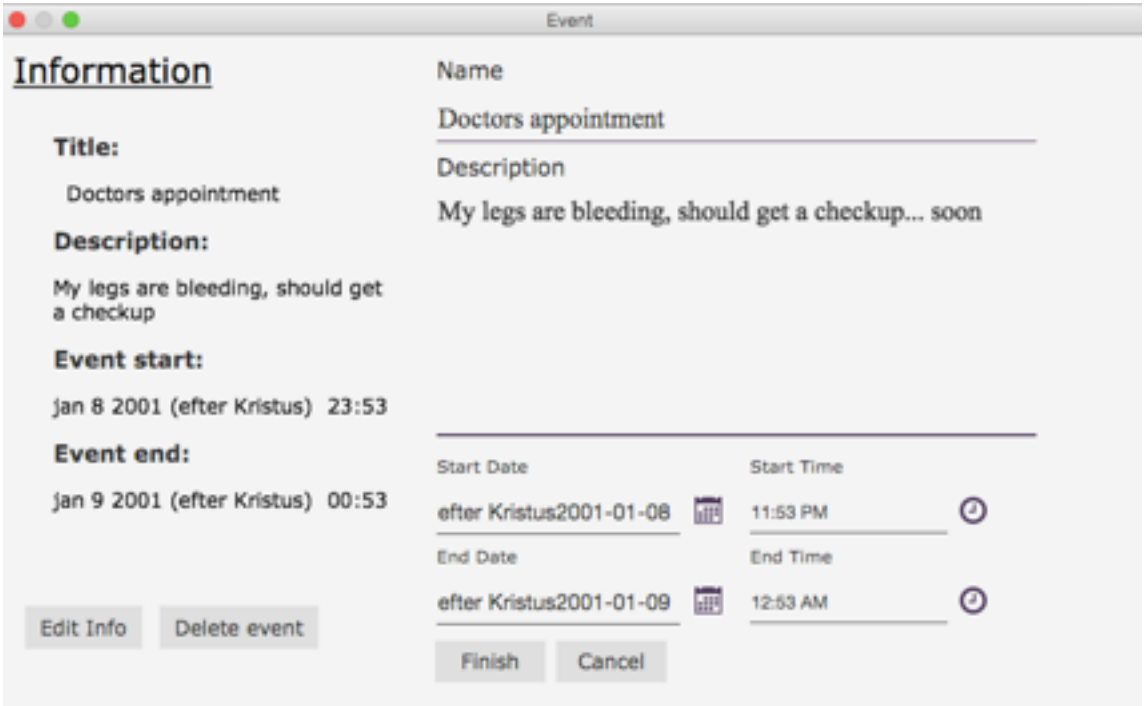
Picture 7: The final look of the Add Event window.



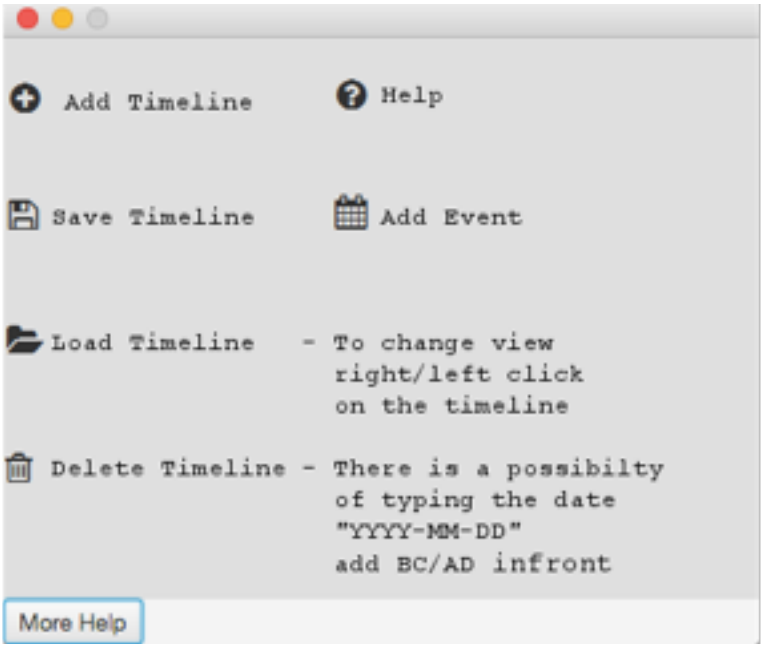
Picture 8: The delete Event window



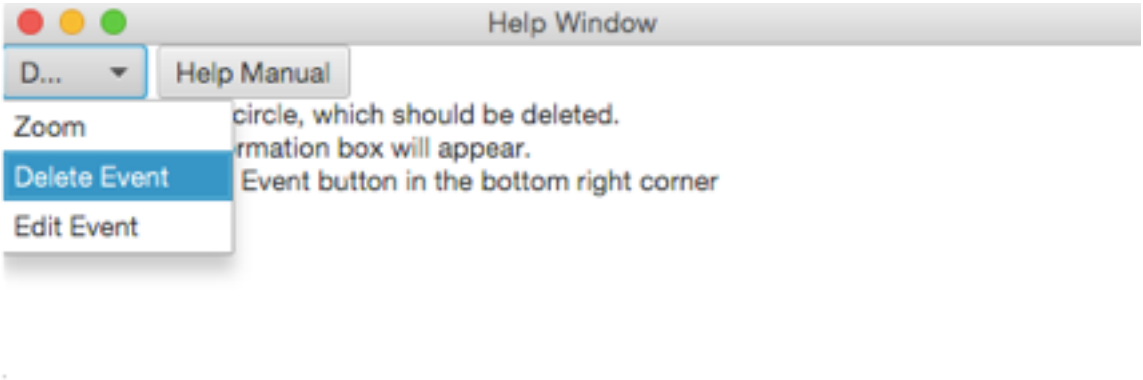
Picture 9: The Edit event window, when all the textbars are disabled.



Picture 9: Upon pressing the Edit info button in the bottom left corner the textbars all become editable.



Picture 10: When pressing the question mark icon, this guide pops up and explains all the different icons (and a descriptive text appears when hovering the icons). When pressing the More help a quick help scrollbar appears.



Picture 11: After choosing what kind of help is needed a explanatory text appears. If extra help is needed, pressing the Help manual button and a user manual with pictures is presented.