Test Cases - Delivery

Test Case 1.1.1: Add Timeline
Precondition: The UI is up and running

Test	Req.	How to test	Expected result
TA1	A1	-click file -click new timeline -input details -click save	The timeline has been added to the UI

Test Case 1.1.2: Modify timeline
Precondition: There is a Timeline in the UI

Test	Req.	How to test	Expected result
TM1	M1	-click edit button -change the details -click save	The timeline has been updated

Test Case 1.1.3: Delete Timeline

Test	Req.	How to test	Expected result
TD1	D1	-click the "X" button	The timeline has been removed

Test Case 1.2.1: Date Validation – TL startDate after E startDate
Precondition: The UI is up and running and a timeline and an Event is added

Test	Req.	How to test	Expected result
TA1.1	A1	-click "modify button" on the timeline -input Timeline startDate after the Event startDate	Not possible to click

Test Case 1.2.2: Date Validation – TL endDate before E endDate
Precondition: The UI is up and running and a timeline and an Event is added

Test	Req.	How to test	Expected result
TA1.2	A1	-click "modify button" on the timeline -input Timeline endDate before the Event endDate	Not possible to click

Test Case 2: Display of months
Precondition: The UI is up and running

Test	Req.	How to test	Expected result
TA1.3	A1	- click "File" - click "new Timeline - input startDate any month + endDate the month after that one - click save	The months are shown in the correct order above the days-bar and the timeline goes until the end of the endDate on the Date bar

Test Case 3.1.1: Add Event
Precondition: The UI is up and running and a timeline is added

Test	Req.	How to test	Expected result
TA2	A2	-click "+" on the timeline -input details -click save	The event has been added to the UI

Test Case 3.1.2: Modify Event
Precondition: There is an Event in the UI

Test	Req.	How to test	Expected result
TM2	M2	-click on the event to show details -click edit button -change the details -click save	The event has been updated

Test Case 3.1.3: Delete Event
Precondition: There is an event in the UI

Test	Req.	How to test	Expected result
TD2	D2	-click the remove button	The event has been removed

Test Case 3.2.1: Date Validation – E startDate before TL startDate
Precondition: The UI is up and running and a timeline is added

Test	Req.	How to test	Expected result
TA2.1	A2	-click "+" on the timeline -input Event startDate before the Timeline's startDate	Not possible to click

Test Case 3.2.2: Date Validation – E startDate after TL endDate
Precondition: The UI is up and running and a timeline is added

Test	Req.	How to test	Expected result
TA2.2	A2	-click "+" on the timeline -input Event startDate before the Timeline's endDate	Not possible to click

Test Case 3.2.3: Date Validation – E endDate before TL startDate
Precondition: The UI is up and running and a timeline is added

Test	Req.	How to test	Expected result
TA2.3	A2	-click "+" on the timeline -input Event endDate before the Timeline's startDate	Not possible to click

Test Case 3.2.4: Date Validation – E endDate after TL endDate
Precondition: The UI is up and running and a timeline is added

Test	Req.	How to test	Expected result
TA2.4	A2	-click "+" on the timeline -input Event endDate after the Timeline's endDate	Not possible to click

Test Case 3.3.1: Add non-duration event to timeline

Precondition: The UI is up and running and a timeline is added

Test	Req.	How to test	Expected result
TA2.5	A2.1	-click "+" on the timeline -input details -unclick the Checkbox "Ranged Event" -click save	The non-duration event has been added to the UI

Test Case 3.3.2: Add non-duration event to timeline

Precondition: The UI is up and running and a timeline is added

Test	Req.	How to test	Expected result
TA2.6	A2.2	-click "+" on the timeline -input details -click save	The event with duration has been added to the UI

Test Case 4.1: All timelines shown simultaneously including events

Precondition: The app is up and running

Test	Req.	How to test	Expected result
TV1	V1	-add timelines as described in TA1 -add events as described in TA2	All timelines are shown simultaneously

Test Case 4.2: Event titles are visible

Precondition: The app is up and running and a timeline has been added

Test	Req.	How to test	Expected result
TV2	V2	-add an event as described in TA2	Event title is visible

Test Case 4.3: Duration events should take up space corresponding to their duration on the timeline
Precondition: The app is up and running and a timeline has been added

Test	Req.	How to test	Expected result
TV3	V3	-add event as described in TA2	The events take up space corresponding to their duration on the timeline

Test Case 4.4.1: Show Event Details
Precondition: There is an event in the UI

Test	Req.	How to test	Expected result
TV4.1	V4	-click on the event	The event details are shown

Test Case 4.4.2: Hide Event Details
Precondition: There is an event in the UI

Test	Req.	How to test	Expected result
TV4.2	V4	-click on the event again	The event details have been hidden

Test Case 4.5: The user shall be able to scroll horizontally and/or vertically if all timelines cannot fit in the display window.
Precondition: There is an event in the

Test	Req.	How to test	Expected result
TV5	V5	-add timelines as described in TA1	All timelines are shown simultaneously And it is possible to scroll horizontally and vertically

Test Case 4.1.1: Save As
Precondition: The UI is up and running

Test	Req.	How to test	Expected result
TS1	G1	-click file -click save as -select where you want to save -click Save	The file has been saved

Test Case 4.1.2: Save
Precondition: The UI is up and running and the file was "saved as" before

Test	Req.	How to test	Expected result
TS2	G1	-click file -click save	The file has been saved

Test Case 4.2: Load from file
Precondition: The UI is up and running

Test	Req.	How to test	Expected result
TL	G1	-click file -click open -click OK	The UI has been loaded

Test results

Test	Req.	Test Result	Comment
TA1	A1	passed	The timeline has been added to the UI
TM1	M1	passed	The timeline has been modified
TD1	D1	passed	The timeline has been removed from the UI
TA1.1	A1	passed	Not possible to click - OK
TA1.2	A1	passed	Not possible to click - OK
TA1.3	A1	passed	Months are shown in the correct order
TA2	A2	passed	The event has been added to the UI
TM2	M2	passed	The event has been updated
TD2	D2	passed	The event has been removed
TA2.1	A2	passed	Not possible to click - OK
TA2.2	A2	passed	Not possible to click - OK
TA2.3	A2	passed	Not possible to click - OK
TA2.4	A2	passed	Not possible to click - OK
TA2.5	A2.1	passed	A non-duration event has been added to the UI.
TA2.6	A2.2	passed	An event with duration has been added to the UI.
TV1	V1	passed	All timelines are shown simultaneously

TV2	V2	passed	The event title is visible
TV3	V3	passed	The events take up space corresponding to their duration on the timeline
TV4.1	V4	passed	The event details are shown
TV4.2	V4	passed	The event details are hidden
TV5	V5	passed	It is possible to scroll horizontally and vertically
TS1	G1	passed	The file has been saved
TS2	G1	passed	The file has been saved
TL	G1	passed	The file has been loaded