

Timeline Manager project Test Cases

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Test Case 1. Create/Add Timeline

Pre-condition: Software loaded.

Action	Expected Result	Result after testing
User clicks the add timeline button.	A box 'Add Timeline' pops up, with input options: Title, Description, Start Date, End Date, Picture (not obligatory).	Passed
User fills in the input options.		Passed

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User clicks on the 'add picture' button.	New window pops up and the user is given the option to choose a picture.	Not passed
User clicks on the 'create timeline' button.	New timeline is shown on the main window with all the properties that the user submitted. A file for the timeline is created in the software directory with the correct properties.	Not passed (it is shown but not stored in a file)

Test Case 1.2 Create/Add more than one Timeline

Pre-condition: (1) Software loaded, (2) one or more Timeline(s) created.

Action	Expected Result	Result after testing
User clicks the add timeline button.	A box 'Add Timeline' pops up, with input options: Title, Description, Start Date, End Date, Picture (not obligatory).	Passed
User fills in the input options.		Passed
User clicks on the 'add picture' button.	New window pops up and the user is given the option to choose a picture.	Not Passed (no window shows up)
User clicks on the 'create timeline' button.	The previous Timeline that was shown shows up in the left Timeline List view/bar. New timeline is shown on the main window with all the properties that the user submitted. A file for the timeline is created in the software directory with the correct properties.	Not Passed (new is shown, but the one before didn't get stored in the timeline view/sidebar)

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Test Case 2.1. Create/Add Event with duration

Pre-conditions: (1) Software loaded, (2) Timeline created.

Action	Expected Result	Result after testing
User clicks the 'add event' button.	A box 'Add Event' pops up, with input options: Title, Description, Start Date, End Date, Start Time, End Time, Picture (not obligatory).	Passed
User fills in the input options.		Passed
User clicks on the 'add picture' button.	New window pops up and the user is given the option to choose a picture.	Passed
User clicks on the 'create event' button.	New event is shown on the current timeline, with all the properties that the user submitted. The file for the current timeline is modified, this event (its' properties) is added into the file.	Not Passed (created and shown, but not stored in a file)

Test Case 2.2. Create/Add Event (without duration)

Pre-conditions: (1) Software loaded, (2) Timeline created.

Action	Expected Result	Result after testing
User clicks the 'add event' button.	A box 'Add Event' pops up, with input options: Title, Description, Start Date, End Date, Start Time, End Time(optional), Picture (optional).	Passed
User fills in the input options.		Passed

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User clicks on the 'add picture' button.	New window pops up and the user is given the option to choose a picture.	Passed
User clicks on the 'create event' button.	New event is shown on the current timeline, with all the properties that the user submitted. The file for the current timeline is modified, this event (its' properties) is added into the file.	Not Passed (created and shown, but not stored in a file)

Test Case 3.1. Modify Timeline

Pre-conditions: (1) Software loaded, (2) Timeline created.

Action	Expected Result	Result after testing
User clicks the 'modify/edit time' button.	A box 'Edit/Modify Timeline' pops up, with input options: Title, Description, Start Date, End Date, Picture (optional).	Passed
User fills in or rewrites the input options.		Passed
User clicks on the 'picture' button.	New window pops up and the user is given the option to choose a picture.	Not Passed
User clicks on the 'save' button.	New properties of the current timeline is shown on the main window, with all the properties that the user submitted. The file for the timeline is modified, new properties are added at the same time the old gets deleted.	Not Passed (Timeline updates and shows, but not stored in a file)

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Test Case 3.2. Modify Event

Pre-conditions: (1) Software loaded, (2) Timeline created, (3) Event created.

Action	Expected Result	Result after testing
User clicks the 'modify/edit event' button.	A box 'Edit/Modify Event' pops up, with input options: Title, Description, Start Date, End Date, Start Time, End Time(optional), Picture (optional).	Not Passed
User fills in or rewrites the input options.		-
User clicks on the 'picture' button.	New window pops up and the user is given the option to choose a picture.	-
User clicks on the 'save' button.	New properties of the event is shown on the current timeline, with all the properties that the user submitted. The file for the timeline is modified, new properties are added at the same time the old gets deleted or overwritten.	-

Test Case 4.1. Delete Timeline

Pre-conditions: (1) Software loaded, (2) Timeline created

Action	Expected Result	Result after testing
User clicks the 'Delete Timeline' button.	A warning box pops up, asking the user if they are sure that they want to delete the whole timeline and the events it contains.	Passed
User clicks on the 'Cancel/No' button.	The warning box disappears (not deleting anything)	Passed
User clicks on the 'Delete' button.	The Timeline and the events disappear, leaving the main window blank with the background color.	Not Passed (it gets removed from the window, but it's not in a file yet.)

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	The file which contains the timeline gets deleted from the local directory.	
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Test Case 4.2. Delete Event

Pre-conditions: (1) Software loaded, (2) Timeline created, (3) Event created.

Action	Expected Result	Result after testing
User clicks the 'Delete Event' button.	A warning box pops up, asking the user if they are sure that they want to delete the whole timeline and the events it contains.	Not Passed
User clicks on the 'Cancel/No' button.	The warning box disappears (not deleting anything)	-
User clicks on the 'Delete' button.	The Timeline and the events disappear, leaving the main window blank with the background color. The file which contains the timeline gets deleted from the local directory.	-

Test Case 5.1 Scroll with the horizontal 30 days scrollbar

Pre-conditions: (1) Software loaded, (2) Timeline created, (3) Timeline consists of more than 30 days.

Action	Expected Result	Result after testing
User clicks and drags the button on the scrollbar. (right or left)	One new (next) day is shown on the timeline, depending on which way the user dragged the button, new day is shown on that side. The day on the opposite side gets replaced with day that was nr.2 before user action. 30 days are always shown.	Passed

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Test Case 5.2 Scroll with the vertical scale scrollbar

Pre-conditions: (1) Software loaded, (2) Timeline created, (3) Timeline consists of more than one month.

Action	Expected Result	Result after testing
User clicks and drags the button on the scrollbar upwards <i>one step</i> .	Months are shown instead of days.	Not Passed (non-existent)
User clicks and drags the button on the scrollbar upwards <i>two steps</i> .	Years are shown instead of months.	-
User clicks and drags the button on the scrollbar downwards <i>one step</i> .	Months are shown instead of years.	-
User clicks and drags the button on the scrollbar downwards <i>two steps</i> .	Days are shown instead of months.	-

Test Case 6. Get Help

Pre-conditions: (1) Software loaded.

Action	Expected Result	Result after testing
User clicks on the 'Help' button	Window pops up with aid and manual.	Not Passed (non-existent)

Test Case 7. Search for event – search bar

Pre-conditions: (1) Software loaded, (2) Timeline created.

Action	Expected Result	Result after testing
User clicks on the 'Search' bar	Search bar is marked	Passed
User searches for an event within the current timeline	The event gets highlighted within the timeline.	Not Passed (event not shown)