

## 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:	Passed

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	Title, Description, Start Date, End Date, Picture (not obligatory).	
User fills in the input options.		Passed
User clicks on the 'create timeline' button.	New timeline is shown on the main window with all the properties that the user submitted.	Passed

### 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 '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.	Passed

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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.	Passed

### 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
User clicks on the 'add picture' button.	New window pops up and the user is given the option to choose a picture.	Passed

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User clicks on the 'create event' button.	New event is shown on the current timeline, with all the properties that the user submitted.	Passed
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### 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 'save' button.	New properties of the current timeline is shown on the main window, with all the properties that the user submitted.	Passed

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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).	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.	Passed
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.	Passed

### Test Case 3.3. Search bar – search and edit event

Pre-conditions: (1) Software loaded, (2) Timeline created, (3) Event created, (4) Edit event clicked.

Action	Expected Result	Result after testing
User clicks on the 'Search' bar within the edit event window	Search bar is marked	Passed
User searches for an event within the current timeline	The events values shows up in the edit event window	Passed

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### 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.	Passed

### 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.	Passed
User clicks on the 'Cancel/No' button.	The warning box disappears (not deleting anything).	Passed
User clicks on the 'Delete' button.	The event disappears.	Passed

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### Test Case 5.1 Scroll with the horizontal 14 days scrollbar

Pre-conditions: (1) Software loaded, (2) Timeline created, (3) Timeline consists of more than 14 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. 14 days are always shown.	Passed

### Test Case 5.2 Radio buttons

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

Action	Expected Result	Result after testing
User clicks the button for months and years	Months and years are shown instead of days.	Passed
User clicks the button for days	Days are shown instead of months and years.	Passed

### Test Case 6. Get Help

Pre-conditions: (1) Software loaded.

Action	Expected Result	Result after testing
User clicks on the 'Help' button	Menu with 'Manual' and 'About' shows under the mouse	Passed
User clicks on the 'About' button	A small window with the developers and some general info shows up.	Passed

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User clicks on the 'Manual' button	Manual appears	Passed
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### Test Case 7.1 Save and Save as

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

Action	Expected Result	Result after testing
User clicks on the 'Save' or 'Save as' button	Window pops up asking the user wants to save the timeline	Passed

### Test Case 7.2 Open timeline

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

Action	Expected Result	Result after testing
User clicks on the 'Open' button	Window pops up showing the explorer	Passed
User finds the timeline text file and clicks on it to open.	Explorer window disappears and the timeline shows on the main window with its values	Passed

### Test Case 8. Exit application

Pre-conditions: (1) Software loaded.

Action	Expected Result	Result after testing
User clicks on the 'Exit' button	Software shuts down	Passed



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### Test Case 9. Close timeline

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

Action	Expected Result	Result after testing
User clicks on the 'Close' button.	The main window doesn't show any timeline	Passed