

## Timeline Manager project Test Cases

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### Contents

|  |   |
|--|---|
| Test Case 1. Create/Add Timeline .....                           | 1 |
| Test Case 1.2 Create/Add more than one Timeline .....            | 2 |
| Test Case 2.1. Create/Add Event with duration.....               | 3 |
| Test Case 2.2. Create/Add Event (without duration) .....         | 3 |
| Test Case 3.1. Modify Timeline.....                              | 4 |
| Test Case 3.2. Modify Event.....                                 | 5 |
| Test Case 4.1. Delete Timeline .....                             | 5 |
| Test Case 4.2. Delete Event .....                                | 6 |
| Test Case 5.1 Scroll with the horizontal 30 days scrollbar ..... | 6 |
| Test Case 5.2 Scroll with the vertical scale scrollbar.....      | 7 |
| Test Case 6. Get Help .....                                      | 7 |
| Test Case 7. Search for event and timeline – search bar.....     | 7 |

### 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:<br>Title, Description, Start Date, End Date, Picture (not obligatory). | Passed               |
| User fills in the input options.     |  | Passed               |

## Timeline Manager project Test Cases

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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.<br>A file for the timeline is created in the software directory with the correct properties. | 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:<br>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.<br>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) |

## Timeline Manager project Test Cases

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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:<br>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.<br>The file for the current timeline is modified, this event (its' properties) is added into the file. | Not Passed (created, but not shown) |

### 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:<br>Title, Description, Start Date, End Date, Start Time, End Time(optional), Picture (optional). | Passed               |
| User fills in the input options.    |   | Passed               |

## Timeline Manager project Test Cases

|   |   |                                     |
|---|---|-------------------------------------|
| 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.<br>The file for the current timeline is modified, this event (its' properties) is added into the file. | Not Passed (created, but not shown) |

### 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:<br>Title, Description, Start Date, End Date, Picture (optional).   | Not Passed           |
| User fills in or rewrites the input options. |  | Not 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.<br>The file for the timeline is modified, new properties are added at the same time the old gets deleted. | Not Passed           |

## Timeline Manager project Test Cases

### 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:<br>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.<br>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. | 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.                                 | -                    |

## Timeline Manager project Test Cases

|  |   |  |
|--|---|--|
|  | The file which contains the timeline gets deleted from the local directory. |  |
|--|---|--|

### 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.<br>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               |

## Timeline Manager project Test Cases

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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) |