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Test Case 1. Create/Add Timeline  
Pre-condition: Software loaded.

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| **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). |  |
| User fills in the input options. |  |  |
| User clicks on the ‘add picture’ button. | New window pops up and the user is given the option to choose a picture. |  |
| 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. |  |

Test Case 1.2 Create/Add more than one Timeline  
Pre-condition: (1) Software loaded, (2) one or more Timeline(s) created.

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| **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). |  |
| User fills in the input options. |  |  |
| User clicks on the ‘add picture’ button. | New window pops up and the user is given the option to choose a picture. |  |
| 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. |  |

Test Case 2.1. Create/Add Event with durationPre-conditions: (1) Software loaded, (2) Timeline created.

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| **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). |  |
| User fills in the input options. |  |  |
| User clicks on the ‘add picture’ button. | New window pops up and the user is given the option to choose a picture. |  |
| 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. |  |

Test Case 2.2. Create/Add Event (without duration)Pre-conditions: (1) Software loaded, (2) Timeline created.

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| **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). |  |
| User fills in the input options. |  |  |
| User clicks on the ‘add picture’ button. | New window pops up and the user is given the option to choose a picture. |  |
| 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. |  |

Test Case 3.1. Modify TimelinePre-conditions: (1) Software loaded, (2) Timeline created.

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| **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). |  |
| 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 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. |  |

Test Case 3.2. Modify EventPre-conditions: (1) Software loaded, (2) Timeline created, (3) Event created.

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| **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). |  |
| 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 TimelinePre-conditions: (1) Software loaded, (2) Timeline created

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| **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. |  |
| 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 4.2. Delete EventPre-conditions: (1) Software loaded, (2) Timeline created, (3) Event created.

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| **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. |  |
| 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.

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| **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. |  |
| User clicks somewhere on the scrollbar where the button is not. | Nothing happens? Or show days corresponding to that spot on the scrollbar? |  |

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.

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| **Action** | **Expected Result** | **Result after testing** |
| User clicks and drags the button on the scrollbar upwards *one step*. | Months are shown instead of days. |  |
| User clicks and drags the button on the scrollbar upwards *two steps*. | Years are shown instead of months. |  |
| User clicks and drags the button on the scrollbar downwards *one step*. | Months are shown instead of years. |  |
| User clicks and drags the button on the scrollbar downwards *two steps*. | Days are shown instead of months. |  |
| User clicks somewhere on the scrollbar where the button is not. | Nothing happens? Or show days/months/years corresponding to that spot on the scrollbar? |  |

Test Case 6. Get Help  
Pre-conditions: (1) Software loaded.

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| **Action** | **Expected Result** | **Result after testing** |
| User clicks on the ‘Help’ button | Window pops up with aid and manual. |  |