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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). | Passed |
| 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.

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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). | 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 |

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). | 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.

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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). | 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 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). | 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 |

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). | 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.

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| **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 |

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. | 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 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. | 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 |

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.

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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. 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.

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| **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.

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| **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 |
| User clicks on the ‘Manual’ button | Manual appears | Passed |

Test Case 7.1 Save and Save as  
Pre-conditions: (1) Software loaded, (2) Timeline created.

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| **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.

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| **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.

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| **Action** | **Expected Result** | **Result after testing** |
| User clicks on the ‘Exit’ button | Software shuts down | Passed |

Test Case 9. Close timeline  
Pre-conditions: (1) Software loaded, (2) Timeline created.

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