***Use Case: Create an event***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “Create” button |  |
| 2 |  | System prompts user to enter event information through a pop-up message |
| 3 | User enters event information |  |
| 4 | User clicks the “Save” button |  |
| 5 |  | System creates the event |

**Variation #1: time conflict**

* 1. start at step 4
  2. Another event exists at the same time
  3. System prompts: “Time conflict. Please re-enter event information again with a different time.”
  4. User enters event information
  5. System creates the event

**Variation #2: user clicks “Cancel”**

* 1. Start at step 3
  2. User clicks the “Cancel” button
  3. System closes the prompt

***Use Case: Click on a date***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks on a particular date |  |
| 2 |  | System changes the selected view to show the clicked date |

***Use Case: Navigate to next month***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “ > ” button next to the calendar |  |
| 2 |  | System updates the view to show the next month in the calendar |

***Use Case: Navigate to previous month***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “ < ” button next to the calendar |  |
| 2 |  | System updates the view to show the previous month in the calendar |

***Use Case: Select Agenda view***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “Agenda” button |  |
| 2 |  | System prompts user to enter a time period through a pop-up message |
| 3 | User enters starting and ending dates of the time period |  |
| 4 |  | System displays all scheduled events in the specified time period. |

***Use Case: Select Day view***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “Day” button |  |
| 2 |  | System displays the day view of the current date |

**Variation #1: User clicks on a date before selecting day view**

* 1. User carries out **Click on a date**
  2. User clicks the “Day” button
  3. System displays the day view of the clicked date

***Use Case: Select Month view***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “Month” button |  |
| 2 |  | System displays the current month view and highlights the current date |

**Variation #1: User clicks on a date before selecting month view**

* 1. User carries out **Click on a date**
  2. User clicks the “Month” button
  3. System displays the month view of the month containing the clicked date

***Use Case: Select Week view***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “Week” button |  |
| 2 |  | System displays the week view of the week containing the current date |

**Variation #1: User clicks on a date before selecting week view**

* 1. User carries out **Click on a date**
  2. User clicks the “Week” button
  3. System displays the month view of the week view of the week containing the clicked date

***Use Case: Go to today’s date***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “Today” button |  |
| 2 |  | System updates the calendar to the current month and updates the view to the current day, week, or month depending on the selected view |

***Use Case: Navigate to next view***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “>” button next to the “Today” button |  |
| 2 |  | System updates current view to show the next day, week, or month depending on the selected view |

**Variation #1: month view is selected**

* 1. start at step 2
  2. System updates the calendar to show the next month

**Variation #2: day view is selected**

* 1. Start at step 2
  2. System updates the highlighted day in the calendar to highlight the next day

***Use Case: Navigate to previous view***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “<” button next to the “Today” button |  |
| 2 |  | System updates current view to show the previous day, week, or month depending on the selected view |

**Variation #1: month view is selected**

* 1. Start at step 2
  2. System updates the calendar to show the previous month

**Variation #2: day view is selected**

* 1. Start at step 2

1.2 System updates the highlighted day in the calendar to highlight the previous day

***Use Case: Load recurring events***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “From File” button |  |
| 2 |  | System prompts user to select input file |
| 3 | User selects “input.txt” |  |
| 4 |  | System loads input.txt |
| 5 |  | System populates calendar with the recurring events |

**Variation #1: user selects another file**

* 1. Start at step 2
  2. User selects another file
  3. System displays a warning message: “*This file does not contain recurring events! Please select ‘input.txt’”*

**Variation #2: user clicks “From File” after the events have been already loaded**

* 1. User carries out **Load recurring events**
  2. User clicks the “From File” button
  3. System displays a warning message: “*This file has already been loaded!”*

**Variation #3: user clicks “Cancel”**

* 1. Start at step 3
  2. User clicks the “Cancel” button
  3. System closes the prompt

***Use Case: Load holidays***

|  |  |  |
| --- | --- | --- |
| Steps | User’s Action | System’s Response |
| 1 | User clicks the “Load holidays” button |  |
| 2 |  | System prompts user to select country |
| 3 | User selects the country of preference |  |
| 4 |  | System loads the holidays of the selected country and add them to the calendar |