

Feature Testing

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1 Calendar - Add Event as Student (Simplified Version)

1.1 Input Domain

The input domain of this features includes the title of the event, a date, a starting time, a ending time, a location, and a calendar. The input domain can be partitioned: e.g. one partition for title, one partition for date, etc.

The image shows a dark-themed 'Edit Event' modal window. At the top, there's a title bar with 'Edit Event' and a close button. Below it, a tab bar shows 'Event' and 'My To Do'. The main form contains several input fields: 'Title' with a text box; 'Date' with a date picker showing '2020-04-30' and a calendar icon; 'From' with two time pickers both set to '12:00am' and a 'to' label between them; 'Location' with a text box; and 'Calendar' with a dropdown menu showing 'Patrick Silvestre'. At the bottom right, there are two buttons: 'More Options' and a blue 'Submit' button.

Figure 1: Add Event Interface

1.1.1 Title

The input domain of the input title is a string, which may be empty.

1.1.2 Date

The input domain of the date is a string in the format **YYYY-MM-DD**, where **YYYY** represents a year, **MM** represents a month, and **DD** represents a day. The month and day fields need not be padded with zeros. Alternatively, a user can opt to input a date using a GUI in the form of a calendar.

1.1.3 Starting Time

The input domain of the starting time is a string in the format **HH:MMxx**, where **HH** represents hours, **MM** represents minutes, and **xx** represents AM or PM (case insensitive). The hour and minute fields need not be padded with zeros.

1.1.4 Ending Time

The input domain of the ending time is a string in the format **HH:MMxx**, where **HH** represents hours, **MM** represents minutes, and **xx** represents AM or PM (case insensitive). The hour and minute fields need not be padded with zeros.

1.1.5 Location

The input domain of the input title is a string, which may be empty.

1.1.6 Calendar

The input domain of the calendar is a list of the user's calendars, of which one can be selected.

1.2 Test Cases

TC #	Input	Expected Output	Actual Output	Tess Pass/Fail
1	title: (empty) date: 2020-5-2 starting time: 12:00am ending time: 12:00am location: (empty) calendar: Patrick Silvestre UI: press submit button	Patrick Silvestre's calendar displays Untitled event on 2020-5-2 Event has no starting nor ending time (all-day event)	See figure 2.	Pass
2	title: Test date: 2020-5-2 starting time: 12:00am ending time: 12:00am location: Test calendar: Patrick Silvestre UI: press submit button	Patrick Silvestre's calendar displays Test event on 2020-5-2 with Test location Event has no starting nor ending time (all-day event)	See figure 3.	Pass
3	title: Test date: 2020-5-2 starting time: 12:00pm ending time: 1:00pm location: Test calendar: Patrick Silvestre UI: press submit button	Patrick Silvestre's calendar displays Test event on 2020-5-2 with Test location Event has starting time 12:00pm and ending time 1:00pm	See figure 4.	Pass
4	title: Test date: 2020-5-2 starting time: 12:00am ending time: 12:00am location: Test calendar: Patrick Silvestre UI: press submit button	Patrick Silvestre's calendar displays Test event on 2020-4-25 with Test location Event has no starting nor ending time (all-day event)	See figure 5.	Pass
5	title: Test date: 2020-5-2 starting time: 12:00pm ending time: 11:00am location: Test calendar: Patrick Silvestre UI: press submit button	Add Event interface should warn user that event ends before it starts and prevent user from submitting event.	System automatically adjusts either starting or ending time to prevent invalid times with no warning, implicitly allowing user to submit event. See figure 6.	Fail

1.2.1 Actual Output Screenshots

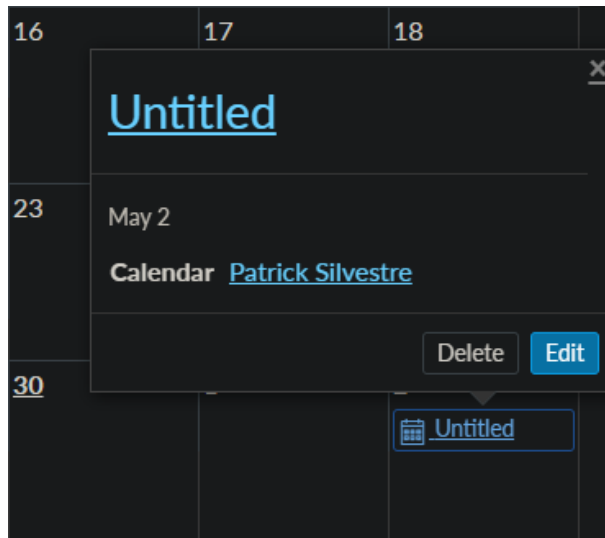


Figure 2: TC-01 actual output

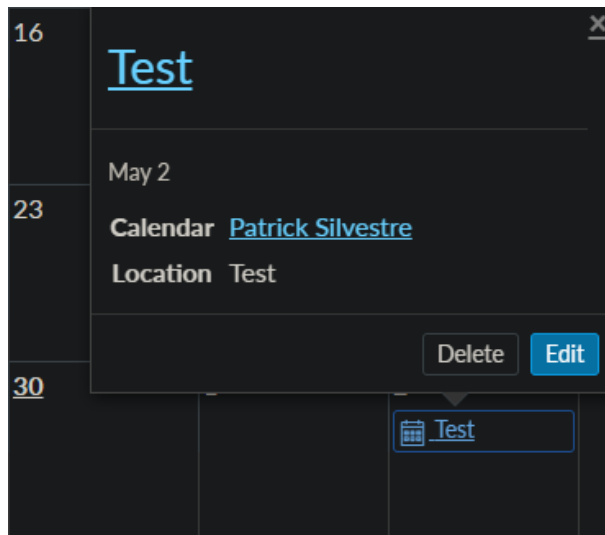


Figure 3: TC-02 actual output

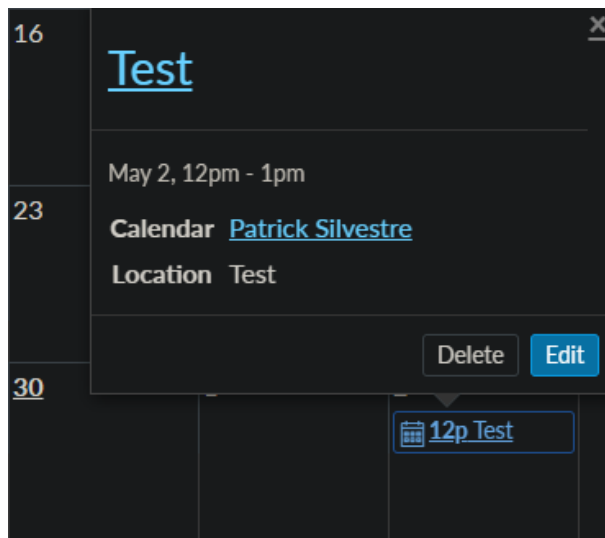


Figure 4: TC-03 actual output

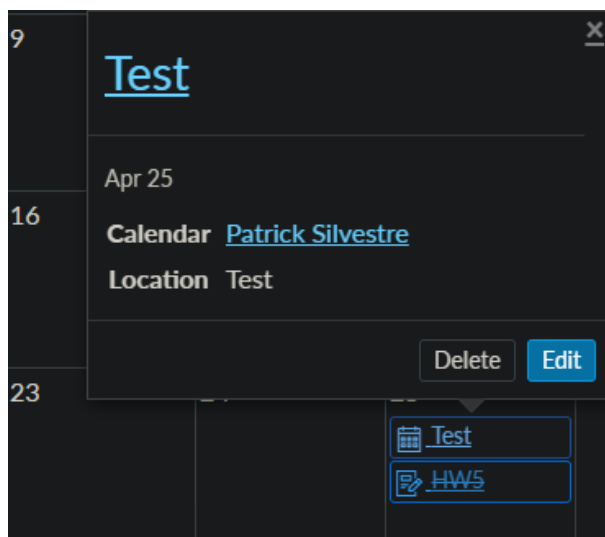


Figure 5: TC-04 actual output

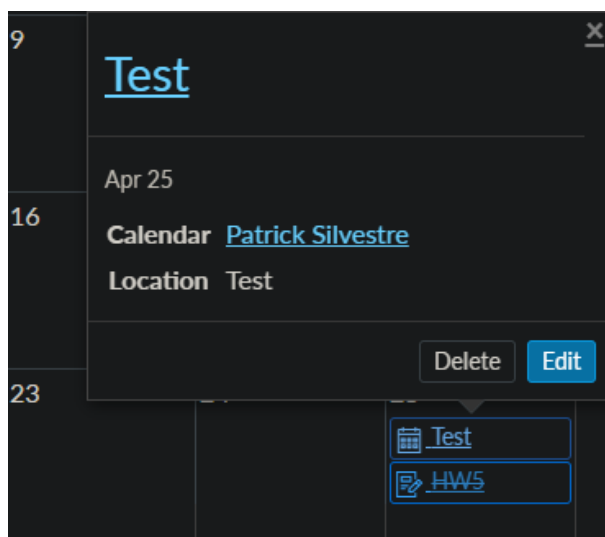


Figure 6: TC-04 actual output