

AS1 Report

1. **Problem:** Calendar event
2. **Collaborators:** Did not collaborate with anyone
3. **Illustration:**

Use this interface to create 10 or more different events from your actual schedule this week, working as quickly and as accurately as you can.

***Required**

All-day: ☐

***Starts :**

***Ends :**

Repeat:

Event created: Event 1 at Location 1, an all day event on Wed Mar 07 2018 00:00:00 GMT-0600 (CST).

Defined the boundaries of the form using color. Instructions displayed on top with the black background, the main form in white background and successful creation of event below in green.

The required fields are indicated with a Required asterisks (*).

Reset button introduced which will clear all fields and reset to initial form if clicked.

Left Screenshot:

Use this interface to create 10 or more different events from your actual schedule this week, working as quickly and as accurately as you can.

***Required**

All-day: ☐

***Starts :**

***Ends :**

Repeat:

Right Screenshot:

Use this interface to create 10 or more different events from your actual schedule this week, working as quickly and as accurately as you can.

***Required**

All-day: ☐

***Starts :**

***Ends :**

Repeat:

B interface prevents errors before occurring by enabling/disabling fields. 'Create Event' button is enabled only when no errors are present, i.e. all required fields are filled and no date errors. Calendar will dynamically display valid dates.

Use this interface to create 10 or more different events from your actual schedule this week, working as quickly and as accurately as you can.

***Required**

All-day: ☐

***Starts :**

***Ends :**

Repeat:

Event created: Event 1 at Location 1, an all day event on Wed Mar 07 2018 00:00:00 GMT-0600 (CST).

Creating an event will reset all the fields to initial state and return focus to beginning so that user can start entering next event. The previously created event will be displayed at the bottom

Keydown and mousedown events have also been reduced by automatically changing focus to the next input. For example, choosing start date and time on the calendar will automatically close start date calendar and open end date calendar.

4. Experimental Hypothesis: B implementation prevents all errors before occurring thus improving efficiency by removing the need to display error messages. This can be observed from the logs that the number of times user clicks the 'Create Event' button will equal number of times user will receive a success response. Keydown and Mousedown events to be performed by user have also been reduced by B interface by anticipating the user's needs and returning focus to the required point.

5. New Logged Events:

- Success – Logged each time an event is successfully created. Ideally will equal count of 'create event button click' for B interface.
- Failure – Logged each time there was a failure in creating an event. Should ideally be zero for B interface.
- Create Event Button Click – Logged every time 'Create Event' button is clicked. As B interface prevents all errors, should ideally equal the number of successful events created.