**Add Event Use Case**

**Name:** Add Event

**Participating Actor:** User

**Entry Condition:** The addIO is called from the plannerIO whenever a user chooses the option to add an event from the starting option list.

**Exit Condition:**The event was successfully added.

**Event Flow:**

1. The addIO prompts and scans in the month and day from the user.
2. The day is retrieved from the calendar instance.
3. The user is prompted for the event name, description, and start and end times.
4. The event information is added to the previously specified day.
5. The user is informed the event was successfully added.

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**Edit Event Use Case**

**Name:** Edit Event

**Participating Actor:** User

**Entry Condition:** The editIO is called from the plannerIO whenever a user chooses the option to edit an event from the starting option list.

**Exit Condition:** The user enters exit value at prompt.

**Event Flow:**

1. The editIO prompts for the day of the event to be edited from the user.
2. The events of that day are displayed, and the user is asked to pick an event.
3. The user is then prompted for what event attribute needs changing.
4. The appropriate method is called to change the attribute.
5. The method prompts for and records the new event attribute value.
6. The process is repeated until user enters exit value.

**Remove Event Use Case**

**Name:** Remove Event

**Participating Actor:** User

**Entry Condition:** The removeIO is called from the plannerIO whenever a user chooses the option to remove an event from the starting option list.

**Exit Condition:**

* The user successfully deleted an event.
* The exit value is entered at prompt.

**Event Flow:**

1. The user is prompted for the day of the event to remove.
2. After entering a valid day, the day is fetched and an event list is printed.
3. The user is prompted for the event to delete.
4. The event is deleted and the new event list for that day is printed to the console.

**See Week Use Case**

**Name:** See week of events

**Participating Actor:** User

**Entry Condition:** The view week method is called from the calendar instance which is created in plannerIO. The user must choose the option to view the week of events from the starting option list.

**Exit Condition:** The week has finished displaying itself.

**Event Flow:**

1. The user is prompted for a start date to view a week’s worth of events.
2. The next seven days of events are printed to the console.

**Show Calendar Use Case**

**Name:** Show Calendar

**Entry Condition:** The view calendar method is called from the calendar instance which is created in plannerIO. The user must choose the option to view the calendar from the starting option list.

**Exit Condition:** The calendar has finished displaying itself.

**Event Flow:**

1. The method goes through each year’s month, each month’s day, and displays each day’s events.