1. **Problem**

**I chose to work on and improve the recurring**

1. **Collaborators.** A list of the people you discussed this assignment with, or else an **explicit statement that you had no collaborators.** This is an individual assignment, so be aware of the course's [collaboration policy](https://web.mit.edu/6.813/www/sp17/general/#collaboration_and_public_sharing).
2. **Illustration.** Screenshot(s) of your B interface. Highlight key design features in the screenshot.
3. **Experimental Hypothesis.** Up to three sentences describing the efficiency improvement you hope to achieve, and how you expect to be able to see this improvement when your logged data is compared to A version logs.
4. **KLM Analysis.** Include both your KLM analysis of the A version, and the KLM analysis of the same task with your B version.
5. **New Logged Events.** A list of custom events that you are logging, and a description of the purpose of each event. You should have at least two new custom events.

Baseline KLM Analysis

For the task you analyze, you should include:

* a description of a method for accomplishing the task, in terms of A interface actions
* the corresponding KLM operator sequence, i.e., [K/B/P/D/H/M]
* the total estimated time for the task using KLM estimates

**Task 1**

Create a recurring event in your calendar titled “UROP meeting” about the UROP meeting that you have with your advisor every Monday at 4:00pm at the Media Lab from the beginning of the semester (February 5th, 2018) to the end of the semester (May 21st, 2018).

KLM Operator Sequence

K \* 13 [length of Shift, u, r, o, p, Space, m, e, e, t, i, n, g]

H

P [point to “Add Location” field]

B [click on “Add Location” field]

K \* 11 [length of Shift, m, e, d, i, a, Space, Shift, l, a, b]

H

P [point to “starts:” field]

B [click on “starts:” field]

P [point to “starts:” field]

B [click on “starts:” field]

FINISH THIS

Total Estimated Time

Improvements:

Added labels to Event Name and Add Location fields so that after users populate those fields, it is easy to remember.

Error for immediate input checking to help users avoid mistakes

Add hourly time????? (like calculate from one hour)

Only show times after so there is no mistake aka 8 🡪 9

Hover over create event for button click

Add border for event name / location input boxes

Make errors immediate!!!

* Improve visible affordances and feedback to aid learnability.
* Reduce the cognitive load by making the interface smarter: prepopulate fields, make calculations automatically, etc.

SELECT DATE RANGE (auto hide)

Change checkboxes and things to better ☺

“PM” lol as “- -“ is not very intuitive!!

Increase the height of Create Event but decrease width because who needs that big

Repeat: None 🡪 does not repeat

Do not allow click (disable) of create event until after all necessary details are clicked

Consistency with the style of dropdowns (repeat and calendar)

Show dropdown for sstart / end without hovering

Connect dropdown with the typing

ANALYSIS: have users click through hours to get to hours they want

Separate hours in B

All-day does not make it jump in location!! (so no extra pointing)

Task: have multiday event

In A: must have it repeat