Perfect Timing

The Impastas

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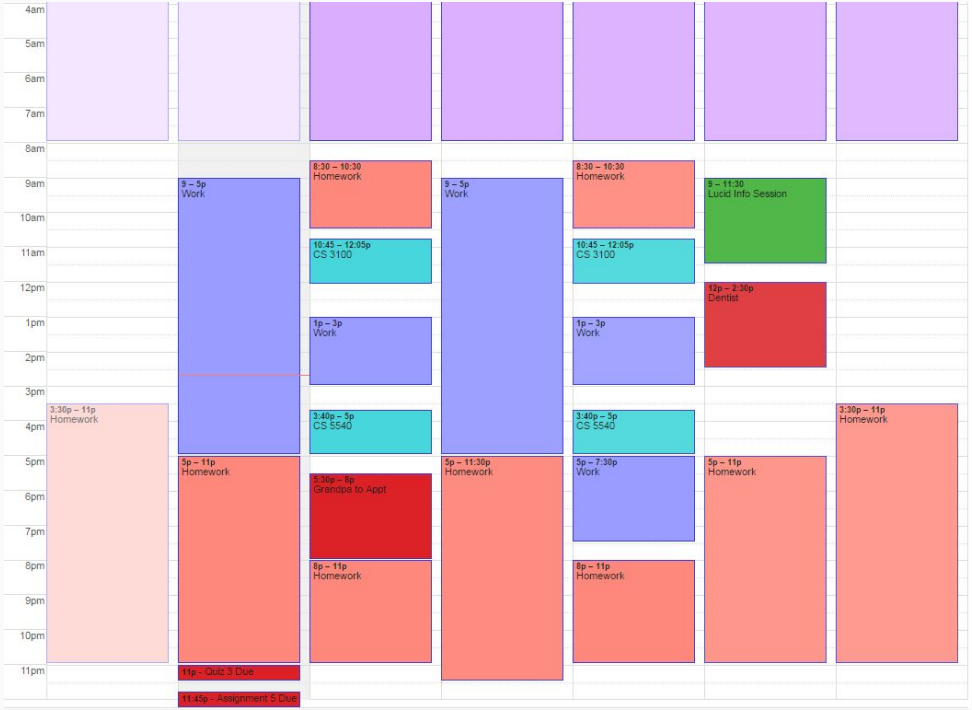
Problem

- Honest attempts at scheduling continue to fail
- Existing solutions rely on already being good at time management
- Difficult to gauge time allotment
- Time consuming

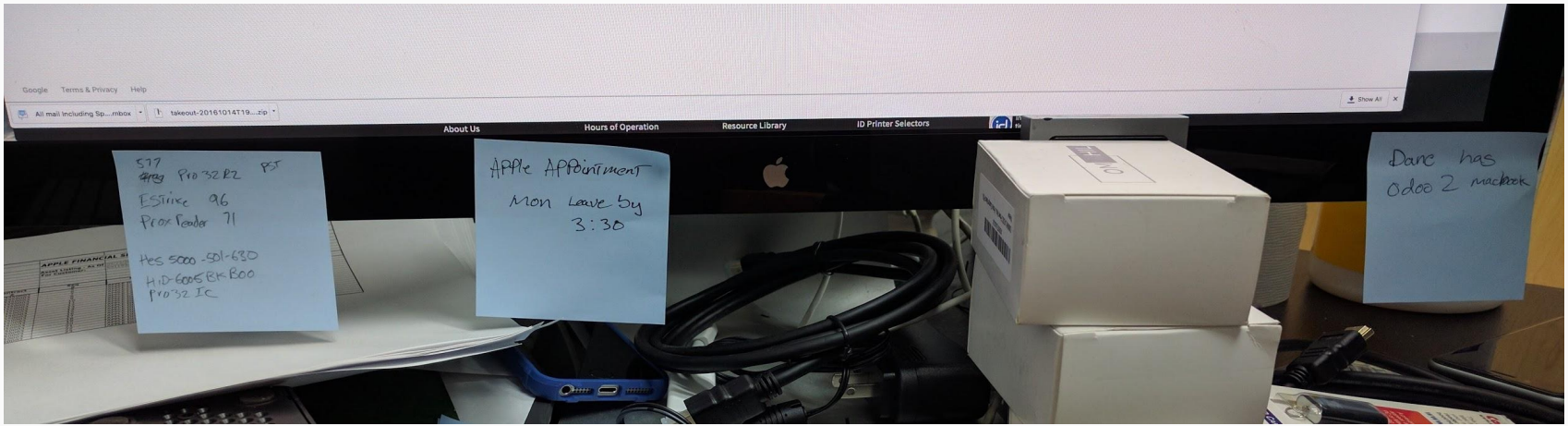
Contextual Inquiries

- Students most affected since they only have partial control of their schedule
- Participants not wandering off task as much as speculated
- Tools
  - Google calendars
  - Phone alarms
  - Sticky notes



Contextual Inquiries

- Participants always had some sort of list
- List was inherently prioritized
- Just say NO to manual data entry

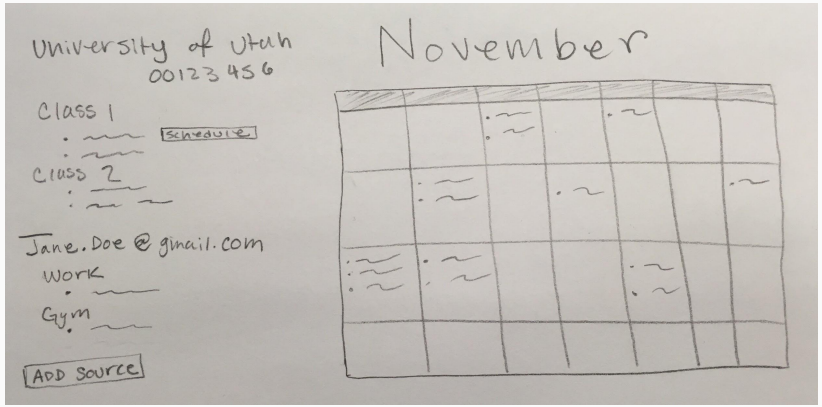


Tasks

- Setting the priority for an event (easy)
- Transition between tasks effectively (easy)
- Staying on task (medium)
- Quickly plan a schedule from a to do list (medium)
- Accurately track the time spent on a task (hard)
- Determine the time to allot for a task (hard)

Design 1: Outsourcing data

1



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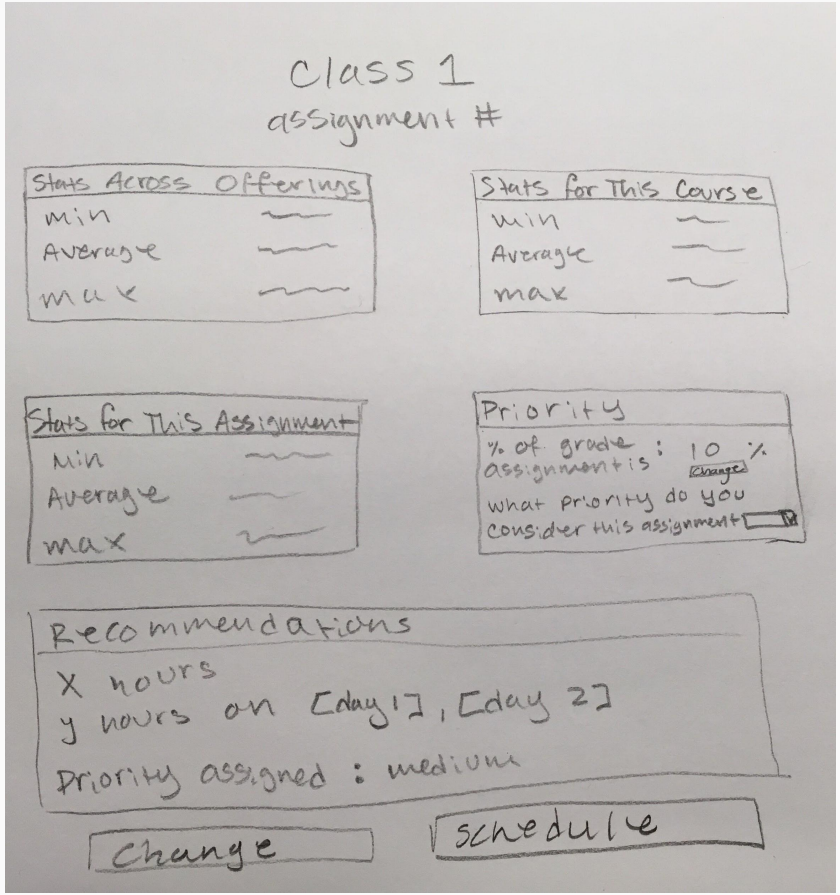

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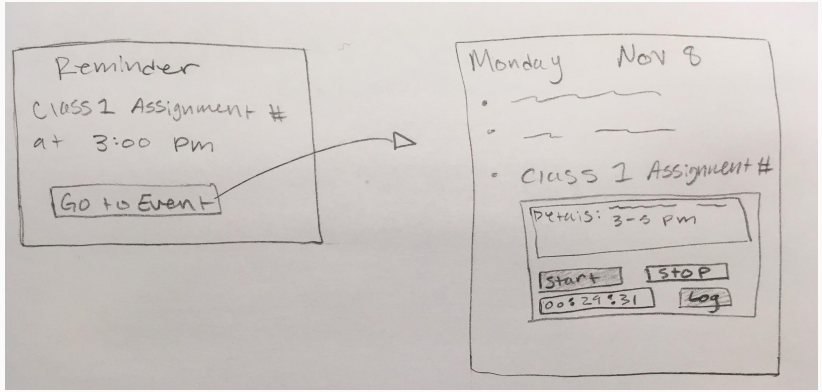
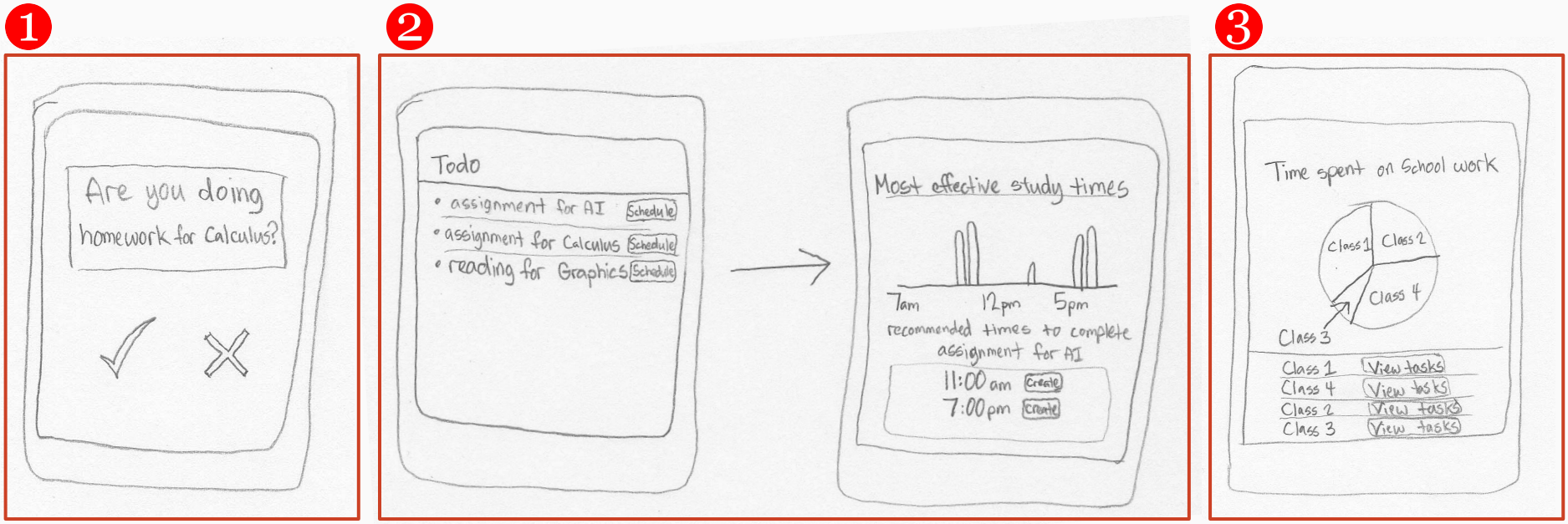
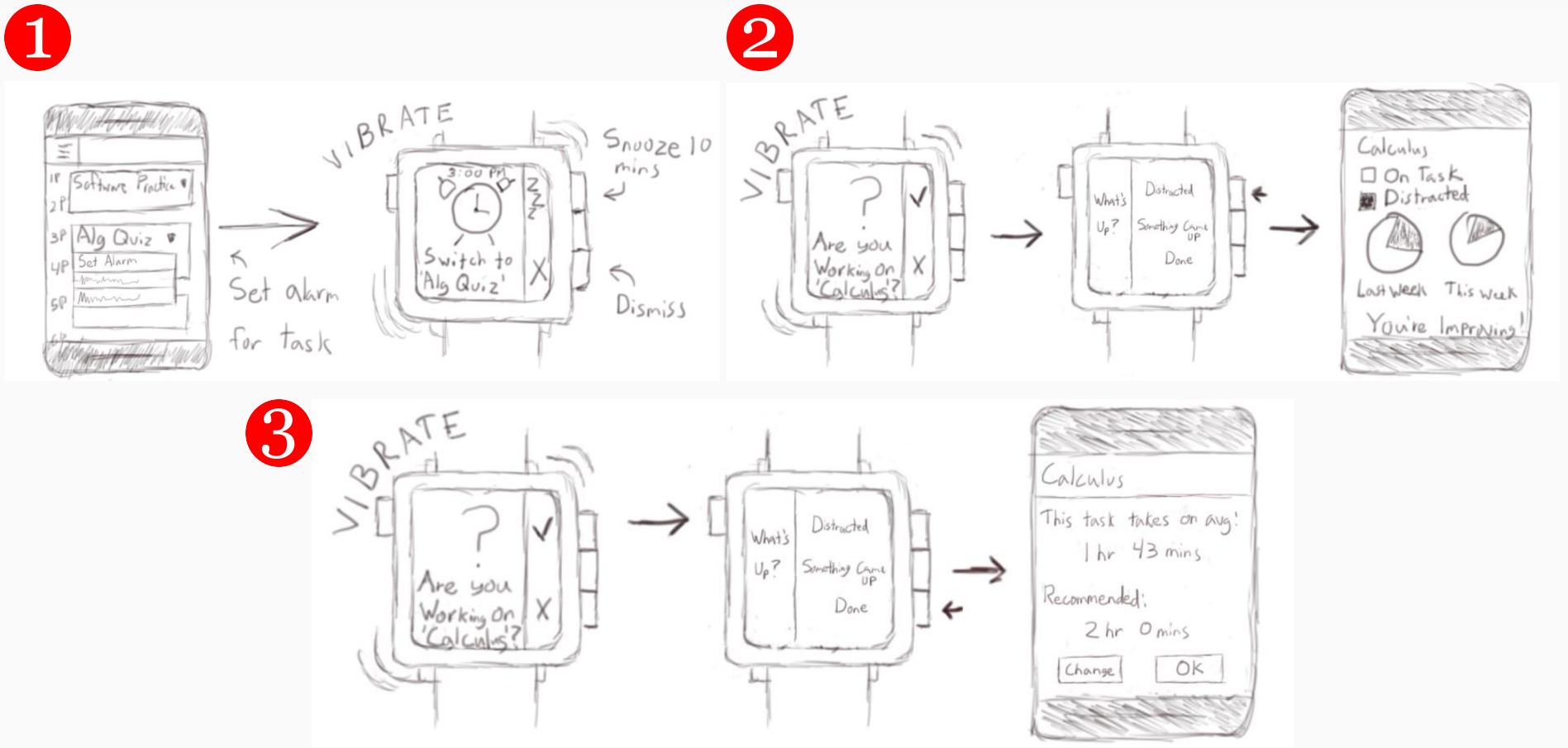


Design 2: Personal analytics



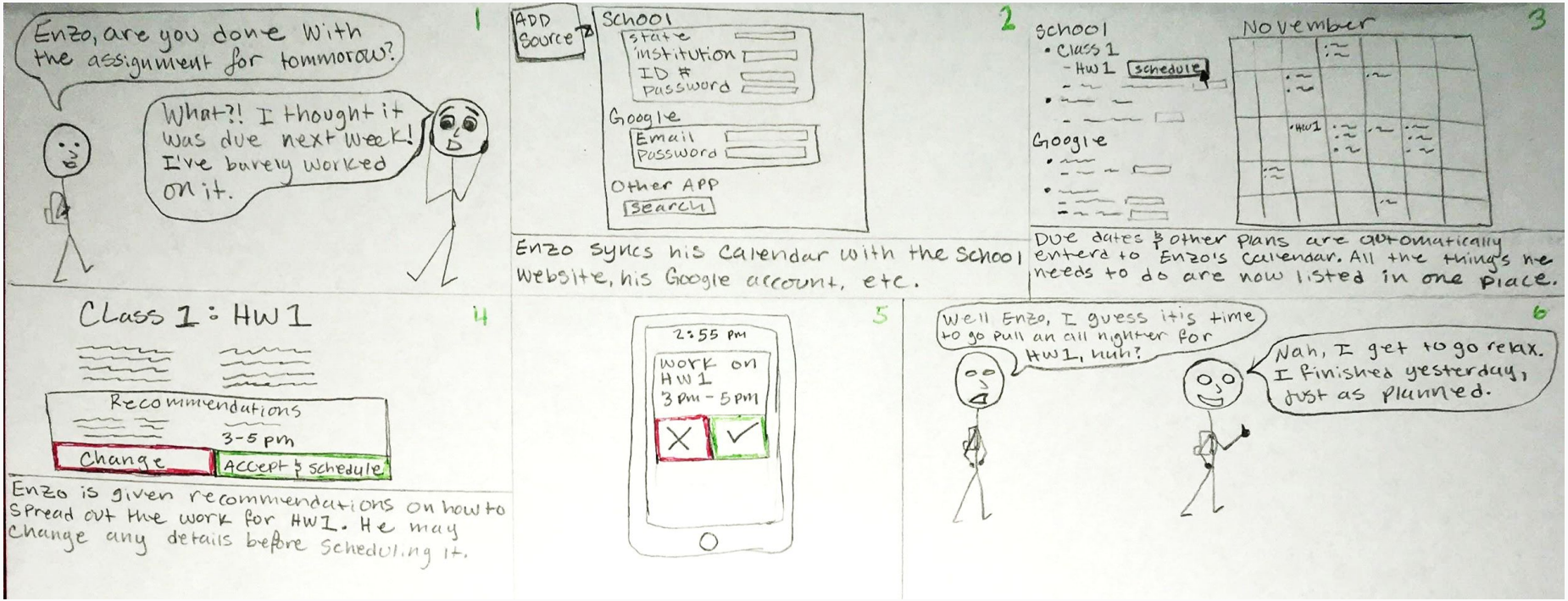
Design 3: The smartwatch pairing



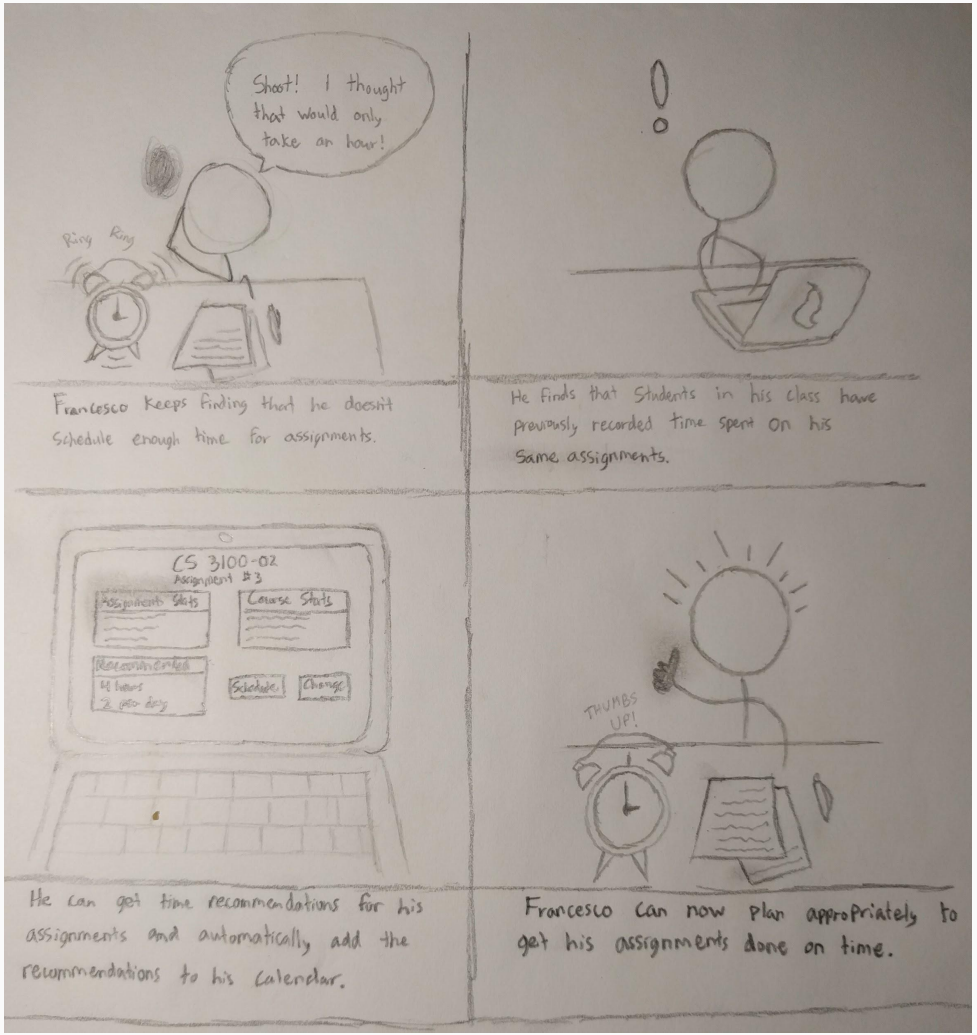
Selected design: Design 1

- Top two problems addressed
  - Manual data entry
  - Figuring out how much time to schedule for something
- Tasks covered
  - Quickly make a schedule from a list
  - Determine time to allot for an event
- Students can be motivated to provide data

Storyboard 1 : Quickly make a schedule from a list



Storyboard 2: Determine time to allot for a task



Summary

- Fail early and fail often
- Consider very different designs
- Understand the reasons for the user’s actions
- Solutions need to be quick to use with minimal data entry
- Common prioritized to-do list