Thursday February 6, 2020

Lecture + Team meeting (8:00 a.m.)

- Lecture over design testing, patents, proposal info.
- Team: discussed how to split up presentation (Tuesday).
  → Will meet this coming Sunday to firm up division

Monday
~~Tuesday~~ February 10, 2020

Individual Work
- Worked on proposal presentation slides
    → literature review
    - finished
    - presentation tomorrow

Tuesday, February 11, 2020
- In class : presented proposal
    - Feedback : - Add integration w/ on campus navigation
        - fix a big flow chart → table
        - use input for bread crumbs

Tuesday, February 18 2020
Team Meeting (10:00 a.m.)
 - discussed proposal presentation feedback
 - change some diagrams
 - add test case images
        → what would device see
 - YOLO vs. openCV (object detection)
 - how to fix device to every cane

Thursday, February 20, 2020
• Worked on converting my slides into paragraph form
for proposal report (9:30 p.m.) - literature and tech review
        → finished & added to overleaf

Friday, February 21 2020
- Added bio and resume to overleaf (8:00 p.m)
- Filled out task table (converted from flow chart thing)
wiped

Tuesday February 25, 2020
- Team Meeting (w/instructors)
    - discussed hardware and software specifics
    - specific plans (drawings)

- Found old parts
    - 3 pi cameras
    - 2 ultrasonic sensors
    - Rpi
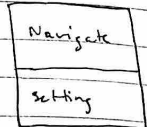   - cane
    → test components to see if they work

Thursday February 27, 2020
- Team meeting (9:00 a.m.)
- Needs for IOS app:
  - settings (user choice)
  - Navigation

Main Screen:

Navigate
Setting

Needs for app Navigation
  - stack of destinations
    → recent on top
  - swipe to select and confirm
  - distance to destination
  - Take cover option?
    → closest building
  - some Kind of step counter
  - to get accurate location
  - audio feedback ~~for~~ or haptic feedback

Needs for app settings
  - feedback type

Goals for next 2 weeks (before CDR)
  - Software: frames setup
  - Hardware: "shell" → get it setup
    - component testing
      → range of ultrasonic
      → clarity of cameras

Tuesday March 3, 2020
- Scheduled team meeting