

11/4 Meeting Agenda

General: Preparations for the final proposal due on Wednesday

- 1) Final Proposal Due **Wednesday**
 - a) First Drafts due to Haki by **Monday morning**
 - i) We will be reviewing in class
 - b) Haki is not waiting for last minute submissions
 - i) Must be in depth when compared to what we submitted for the initial proposal

- 2) The final proposal due next week will include **top-level schematics for all circuit boards**.
 - a) all I/O defined and block level definition of all circuit functions and knowns, fuses, relays, etc
 - b) an undesigned function such as a 5V regulator, make it a block called 5V
 - c) Schematic needs to show block I/O and electrical schematic at the PCB level
 - d) Also specifications for each block, circuit board name, dimensions, mounting holes, connectors, etc
 - i) Tim - provide or have plans to provide this? Wey said he told you explicitly it was a requirement for the FP.

- 3) Small team to talk with Adam Smith about PCB
 - a) Package for part to order
 - i) <https://www.mouser.com/ProductDetail/Analog-Devices/ADP2370ACPZ-5.0-R7?q=WIvQP4zGaniP6K5RZS2A3g%3D%3D>
 - b) Who else on the team?
 - i) Tim, Chiko, Ziqi

- 4) Wey wants specification on angular resolution of the panel movement.

5) Purchasing

- a) Won't be ordering electrical parts before we verify what we can do with them.
- b) Edit the BOM over the weekend
 - i) I will create a new one
 - ii) Everything we will have ordered, will order, and will possibly need replacement for must be on here by Monday

6) Mechanical Team

- a) Completed with all components
- b) How are all circuits being connected
 - i) Do have the exact sizes
 - (1) Arduinos
 - (2) Power Board
 - (3) All sensors besides compass

7) 4 Photoresistors on 4 corners

- a) Chiko