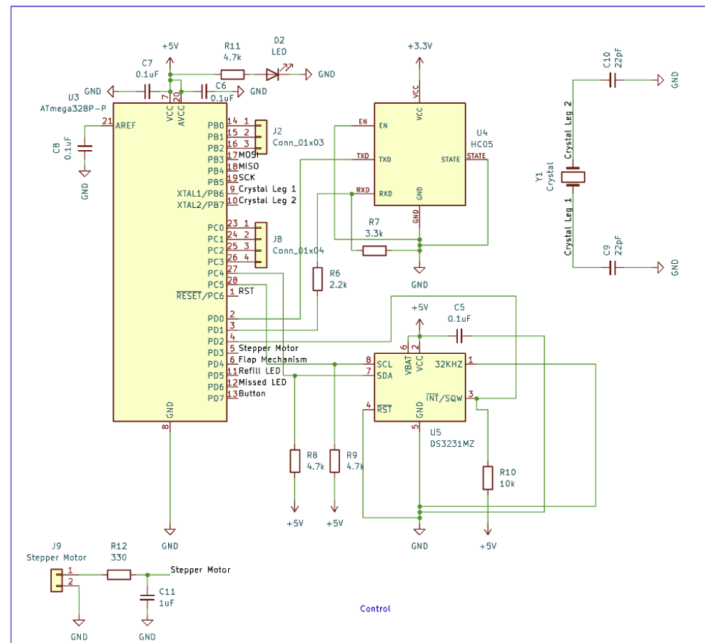
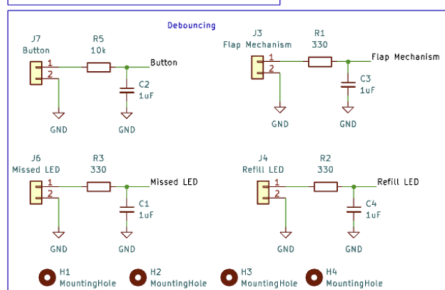
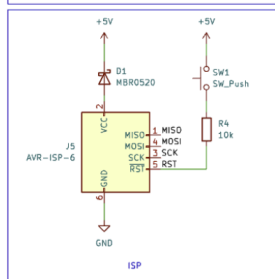
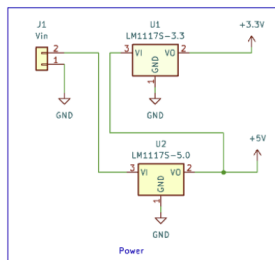


Notebook 4

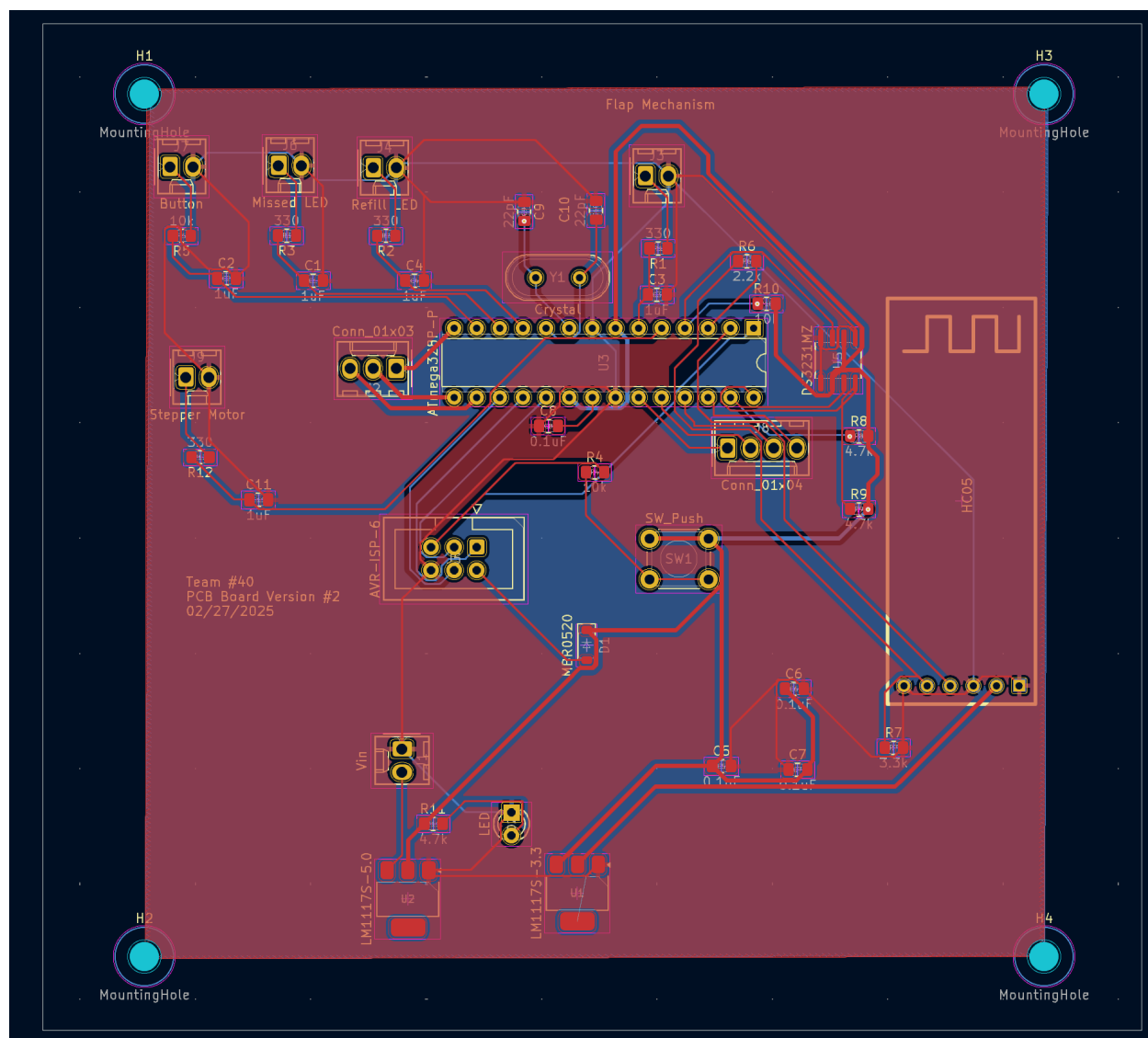
Date: 2/25/2025

Objectives:

1. Make first PCB
2. Find the parts needed
3. Figure out subsystems



Team 40
02/27/2025
ECE 445
Smart Medical Pill Dispenser
Schematic Diagram #1





You can output while charging at the same time.



Roll over image to zoom in

After meeting:

We were behind—no parts ordered, PCB needed rework, and the battery system wasn't ready. This week changed that. Using our KiCad experience, we quickly updated the PCB. We found alternate components through the ECEB drawers and supply catalog. For backup power, we sourced a battery with a passthrough charger on Amazon. Finally, we submitted our design to the machine shop and entered their queue (spot #36). It was a major turnaround.