

Notebook 10

Date: 4/30/2025

Objectives:

1. Finish the final PCB
2. Finish the Final Demo

Record of Work:

Our final demo went really well, and it was a huge relief to see everything come together after all the late nights and last-minute fixes. The device dispensed accurately, the LEDs flashed as expected, and the app interface ran without any hiccups. We could tell the demo resonated with the audience too—people seemed genuinely impressed with how polished the system looked and how reliably it performed.

At this point, the only piece left to finish is wiring the **HX711** load cell amplifier onto the PCB. The version we used during the demo was external as it was on the breadboard, but we've already placed an order for the updated board that has dedicated space for it. Once it arrives, we'll solder it on, run some calibration tests, and we should be good to go. Feels great to be at the finish line.