Project Summary

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For our project, we were confused about the G-code and it was really hard for us to understand the type of output signal, also we needed to figure out the coding language, because it was totally new for us. But after we discussed it together, we found out the details of the code and how to write it, and we worked together to finish the content in block 1. Also, we had a problem about shipping delays, and it was a really really serious problem for us, because it would let us run late, so we went to every supermarket to get what we needed. It was a tough process I have to say, but finally, we got everything here and built all of these things together.

We worked together in the lab as a team, we explored everything together such as the code and soldered the whole structure. And we finished our tasks together based on our timeline step by step, then we were done building. We also retested everything when we finished one step to evaluate what we should do before the next step.

I learned that if you would like to do something, a team is better than a signal person, because a team can offer different perspectives, but if you are signal, you will get stuck there. And communication in the team is also important. So in summary, a good team with good communication will make work easier.

Timeline picture: **PROJECT TIMELINE** Project title Project Manager Jialiang Wang, Tianhao lin, Mingqian Xu, Arthur Kichatov Project name 2 Project Definition & Planning (1) Test and verify Project Test & Integration (2) Block checkoff Block 2 W R R W R Separately design Detailed Design END Block verification est and verify PCB check of