

November 15, 2023

Our social styles all orbit closely to the origin; this often shows when we get together as a group. We can shift around to be the person our group and project needs us to be at any given time. This is not to say that we do not have comfort zones. For Ryan and Kameron, the analytical social style is the best fit. They tend to spend most of their time talking about project specifics instead of worrying about who is going to do what. Kaleb tends towards the expressive social style; this shows in his ability to bring concerns about practicality into the fold. Kaleb's style helps balance out the group's ambitions and allows for dialogue about our individual expectations. Dominic is a driver, which encapsulates the way that he points out deadlines and organizes meetings to make sure that we have ample time and attention to pay to our project.

Our team is particularly good at managing our time spent on the project and making sure that time is not wasted when we get together. We are incredibly open with one another about our concerns and ambitions for the project over text, which makes our time spent in the lab extremely efficient as we can forgo the cycle of getting caught up on the project every time we get together. Having Kaleb in the group makes it easier to share our honest thoughts and concerns, as he sets a good example with his naturally expressive and insightful responses. Text also allows us to set up times during the week to get together after class, which is often initiated by Dominic, the driver of our group. When in the lab working on the project, we go in with multiple approaches to any given problem in mind which cuts down time in brainstorming and ensures that we never feel stuck.

The efficiency that our communication styles allow has had a tendency to hold us back. As we have never fallen behind, we have never had to put an exceptional amount of time into the project together. We could certainly do a better job of aiming our sights higher than we have in weeks past. Our process of communication can also occasionally lead to minor stalemates, where we spend weeks discussing our options rather than picking one and going with it. Our team is more analytical than anything and this plays a leading role in these minor stalemates; when the advantages and disadvantages of our options are unclear, we make a point to clearly research and outline our options before proceeding.

The PDR went better than expected for our first organized group project that relied on universal agreement and contribution. However, the CDR went significantly better, and all of us feel that we have hit our stride. We had many topics we were passionate about sharing, to the point where our presentation was seconds shorter than the time-length cap after dozens of rehearsals. We were also sitting on quite a few diagrams and visual guides that we have used to coordinate our efforts and sort out our ideas. Including these diagrams went a long way to show the process of progress for our project. We found that leaning into our individual social styles with which topics we presented went a long way in polishing the final report. For instance, Kameron and Ryan went over software and

hardware diagrams as our analytical group members. Now that our critical design period is done and to the best quality we could have managed, we have all the best resources and research to start work on our project.

To stay on track with our project, it is important that we continue to lean into our social styles, as it has clearly been a great boon to progress so far. While the idea of specific roles has faded in the actual implementation of our project, we are still very much defined in our contributions by our unique angles on the project. One thing we can do better is give our imagination precedence over our practical accomplishments, as we tend to stop for the day once we get our expected tasks done. We are all extremely excited to see the definitive version of our project come together and are immensely proud of the individual strengths that we have leveraged to get here.