Beau Pasquier

Senior Project 1

**Assignment 5: Process Guidelines and Self Reflection**

**1.** Conflict resolution comes down to effective communication. Working as a team, we should solve our problems together with individual input from each person. Schedule an in-person meeting, discuss the issue, brainstorm solutions. When a solution is determined, delegate tasks with deadlines. Schedule another meeting in the future to update the team on the progress.

Individual communication lines like slack and text are useful. Our current iMessage group chat is working well, and the option to "upgrade" to something more robust like slack or discord is always there. For task delegation from this point on, most tasks are independent and no longer reliant on others, so there is less of a need to manually distribute out tasks as everyone has their own sections to be working out on and researching independently. This sort of independence can often lead to procrastination and slacking, so weekly check-ins where we can discuss major findings in terms of research or design should help to make sure that we are making progress each week and contributing to the overall project so that our design is well thought out by the time we go to implement later this semester or next year. Earlier in the semester, there was a lack of communication in terms of access to resources, project delegation, initial conception, and what each person should be doing each week. Hopefully, once we move into more independent work, we can all be more self-motivated to contribute and help each other out with the project. For any work that is not individual, check with the group and in the google drive shared folder. If somebody is already working on it or there is already an existing document, it would be a waste to do the same work twice.

**2.** Reflecting on previous assignments and work, I believe my strengths as a team member lie mostly in my previous knowledge of these subjects. While I am not versed with autonomy, I have taken several classes that involve coding autonomous robotics, neural networks, and coding mini-computers and microcontrollers. I have even taken systems engineering management which helps walk through the process of completing a large project from beginning to end. This has helped me gauge my perspective on how I believe this process will work to finish our project in a timely manner successfully.

My weaknesses as a team member I believe is the lack of time management. My other team members are on top of their work and will start projects with plenty of time remaining to complete each part. I procrastinate and am a last-minute crammer who will try to get as much work done as I can in the least amount of time. If I am not preventing others from getting their work done, I will usually wait until the deadline has creeped closer before finishing assignments.

**3.** I believe my strengths as a team leader lie in my ability to communicate effectively. When working on a team it is important to create strong bonds so we can quickly work through problems and not be afraid to ask for help. Especially with coding, new perspectives can be big on making progress when running into a roadblock. I believe discussion is the best way for us to advance and solve problems on our project.

I believe my weaknesses as a team leader fall to a lack of focus when working with a group. I talk too much and tend to get off topic when we are working together. While it is fun to be working with a group of close friends, it is easy to go on tangents about things that aren’t specific to our work as a group. This tends to get others off topic and slow down the work of the team when I should be encouraging others to keep pushing forward.