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Role Report

Muskan Sharma, Project and Data Analyst:

While deciding our roles for the project, we did not really know where to start from. Since we were all first years and taking mostly the same courses, there wasn’t really a specific field one of knew more than the other by a significant amount. Each of us knew little of everything. With that in mind, we did not really assign roles in the beginning. Instead, we all just worked together and tried to see if things would fall into place by themselves. We technically had assigned each other roles, but they weren’t set in stone or anything. Admittingly, we did not follow them as we should probably should have, especially in the beginning. However, midway through the semester, things fell into place, as expected. Each of assumed our positions and roles based on how much we knew about each topic.

Similar to last semester, I ended up assuming the role and position of the project and data analyst. As the project and data analyst, I was mostly just responsible for ensuring that the requirements of our mirror were met. I made sure that the checklist we made in our delivery plan to be graded on was met and completed to the best we possibly could. Every time we met, I worked with both of my team members and made sure that we finished what we were supposed to that day. I also made sure that we were on topic and not getting distracted by other things.

For a specific example as to how I worked with both of the members in my group for this project, one of the things we specified in our own rubric was that we wanted to include a google assistant in our mirror. Specifically, we wrote down “Now the main goal for the software side is to have integrated a form of **Google Assistant** for the user which should open up a variety of features that could prove useful for someone with OCPD.” To make sure the Google Assistant requirements were fully met and the Google Assistant actually worked properly, I had to work with our software engineer. Our software guy was Justin because he was in CSCI 1302 and knew the most about programming. However, the language our pre structured Google Assistant used was Python and since none of us had experience with that, Justin had to learn it. I worked alongside him on the project, making sure that it worked by testing it every time he changed something and keeping a track of all the changes we made.

Moreover, I helped make sure that our stuff was ordered and delivered by the right time. I could not order it because I lived far and would’ve had to carry everything to Driftmier which would have been more of a hassle than it needed to be, but I made sure that the right stuff was ordered and on time so we did not fall too behind. I did this for both the prototype and the actual device. For the prototype, decided what we needed was more of a group effort. Our hardware engineer, Jeff, had to tell us most of what we needed but that was pretty much that. In the end, Justin ended up ordering the materials since he was the closest to Driftmier and we all split the cost evenly between the three of us. For the actual project, we did the same thing. We all sat down, decided what we needed to order and I made sure that Justin had the things ordered by the correct date so we could have it deliver with enough time to assemble before the due date of the project.

Moreover, I also helped a lot with the hardware portion of the project. In the last few days of us working on the project, I helped our hardware engineer with the measurements and cutting of the wood as well as the gluing and assembling. I made sure all of our hardware requirements were getting fulfilled such as the aesthetic portions and such.