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Final Self-Assessment

Part A:

My individual contributions to this project were mostly on the back end, with minor introductions on the front-end side as well. On the back end, I was involved in setting up the schema of the database along with the rest of the team and coordinating the incoming/outgoing communication with the agents that would be installed. This involved designing the hierarchical data structure involved and structuring the API routes. On the front-end I was mostly involved in adding the minor views and discussing with some of the more experienced members on how to fix and display required data.

I was able to build upon the skillset mentioned in the original self-assessment. I was able to use the knowledge I already had as a base, and then was able to improve upon that along with the team to create a new project. This skillset included cloud computing, allowing as close to real time communication as possible between systems, server-side architecture, and database design.

Our successes, as a team, would be building Heimdall up to a point where we agreed that it would be worth presenting. Personally, I was able to write code that I was able to explain to my peers and help them understand it intuitively. The backend design also had some of this. I was also able to coordinate architecture level decisions with other peers who would work on it.

The obstacles were mostly new and inconsistent features within the implemented libraries, along with some lacking documentation.

<u>Part B</u>:

My group accomplished what we set out to do. We were able to create an MVP for a server monitoring platform. The main takeaway I had about group work from this experience was that the hardest part of working in a group is dividing up the work with established dependencies. Once we were able to figure that out, it was smooth sailing for the group. All of us were able to competently complete the modules needed and were able to help each other when needed. All our aspects of teamwork were successful as we were all able to highlight each other's strengths and make up for any lack of experience. I would not say that any aspect of our teamwork was not successful, but that the upset to our life routine due to worldly circumstances caused us to take a hit in communication. However, we were able to get past it.

In terms of individual efforts contributed to the project, all the members were able to pull their weight, if not exceed that. All of us were given a fair division of work and were able to finish it up competently. All the team members deserve special recognition as they all took care of technical problems that I would have taken much more time to deal with. They were proactive in completing the project, actively seeking each other out when needed, instead of passively waiting. I am very satisfied with how the team performed.