Post-Performance Analysis (PPA)

Group 20

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There were many things that were done well during this project. In a general sense, we had good time management and good scheduling. We made sure to meet early whenever deadlines were posted to evenly distribute work, and then had frequent subsequent meetings to make sure that progress was going as scheduled. Our specification documents closely followed the IEEE guidelines, and our prototype product maintained good coding and documentation practices.

However, this project did have its fair share of difficulties, particularly with the specification documents. For all the documents, but especially the BRS, it was difficult to discuss the business scope and requirements of Digital Health Inc. because it was a fictitious company with little information on its business infrastructure. Many sections were also difficult to complete because we lacked domain knowledge in a lot of fields. For example, having no experience working with physical servers and how to initialize and maintain them made it difficult to assess the necessary physical characteristics and environmental conditions in the SyRS. The prototype also had small issues, where unnecessary work was done because we misunderstood the specifics of the prototype's requirements. Additionally, we were slightly unorganized in the exact features of the application, so some points in the documents contradicted the prototype.

Many of these difficulties can be attributed to having to entirely do this project remotely due to the COVID-19 pandemic, in addition to having one of our members overseas. This meant that it was sometimes difficult to coordinate meeting times due to extremely different time zones. Ideally, if we were able to work in person, we would have been able to not only start on the prototype earlier, but also potentially have pair programmed the prototype to reduce any inconsistencies between the documents and the prototype.

Despite these difficulties, we felt we had a strong performance. Overall, we were proud of the accomplishments made during this project and manoeuvred through working remotely well despite how difficult that can usually be.