Post Performance Analysis (PPA)

CMPT475 Spring 2022 – Group 10

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Identify things that were done right.

- ✧ The team members arranged weekly meeting to keep track of everyone's progress. We encouraged every member actively communicate with each other and share own thoughts freely in the meeting.

- ✧ We constructed a prototype with simplicity in mind but cover all necessary features that clients asked for. The prototype helped clients to gain a better understanding of general workflow of the designed software application. In this case, we were able to get valuable feedback from them so that we adjusted the prototype accordingly to better match with user requirement.

- ✧ During the whole phases of creating requirements specifications document, all team members shared equal workload and were able to complete assigned tasks before the deadline.

Identify things that were done wrong.

- ✧ At the beginning of the project, we were not familiar with the process of project management, which led to very low work efficiency at the beginning.

- ✧ We arranged some meetings to have discussion together regarding to the project itself. However, it still took a lot of time for the communication and understanding between team members. This resulted in insufficient time for us to implement the project later, and the task was urgent. However, we did our best to complete the project within the time limit.

Identify any exceptional situations.

Since our group members have entered the stage of junior or senior year, the workload was heavier than we expected, which resulted in less communication time and cooperation time.

The tasks that need to be completed in the later stage of the project are much more than the initial stage, and the time is also reduced, which also leads to our wrong estimation of the time required to complete the project.

How would you do things differently, if you were to do it all over again? (Improvement)

At the beginning of writing specification documents of this project, we assigned several parts of the documents to each of our members to complete. But the requirements specification assigned to us were all randomly chosen. If we can combine the work of the prototypes that

we were responsible for before, and choose the corresponding requirements to write when assigning work, it can prevent us from misunderstanding the different functions of the system.'

Describe the most important 3 things that you could personally have done to improve the process.

1) I could have begun to think about the major stakeholders early so that we can make the direction correctly and consider questions on aspects of them.
2) I could do more research about the high concurrency system so that I can understand more about what our software system needs.
3) I could do more study on the system database to ensure our database can hold the traffic and avoid overload.

Was the project well-managed?

Yes, it is a well-managed project.

- ✧ At each stage, we have clear goals and time planning. We had a great understanding of what is required to complete. The division of labor within the group is well-organized. Each team member performed the task on time and the whole process of the project went smoothly.
- ✧ For any confusions regarding to the project itself, we actively communicate with each other through group chat and resolve issues in the shortest time.

Did we do the best that we can?

Yes. Since the project required large amounts of time to discuss and complete, our team tried to have meeting every week and do the progress checking. Also, this project was quite different from we did in the past so most of us did not have any experience on it. So, we had to search example online and figure out what should be include for each section. Although this is our first time to write requirements specifications documents, we have tried our best to accomplish each part and we learnt a lot from this project experience.

Are you proud of the accomplishments of this project?

Yes. None of the team members had a co-op experience. This was the first time we learned how to write a document like BRS and StRS. When we work together as a group, we have a good mechanism for assigning tasks. Our mockups have received great reviews.

Was the communication level effective?

Yes. Although our communication opportunities were limited, we communicated with maximum efficiency, assigned tasks and provided feedback within the limited time. Generally speaking, our communication time for a meeting was between an hour and an hour and a half.

During this time, we would improve on the previous feedback obtained from the professor or TA, read and understand the new task, and assign these tasks.