

SECJ 2203 Software Engineering

Self-Reflection Video: Leadership

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SECTION: 10
TEAM 5



Project Background

- System Name : DICTIONARY 4U
- System Domain: Dewan Bahasa dan Pustaka
- System Stakeholders: Users of DBP, staff, and the project team

In the project, we have created a new system for the Dewan Bahasa dan Pustaka. Dewan Bahasa dan Pustaka is mainly an online dictionary system where user can find meaning and grammar mainly for Malay language. We have made some major changes in the system like search by audio, images and created a app for the mobile users. We have made the system more user friendly for the user in this project.

Self-reflection

Working in the project I have learnt a lot of things, from the first assignment I have learnt about the various project models and which are the best for our project as waterfall model was the best for us. I also worked on Gantt chart and learnt how to work in excel. In the second assignment, I worked on use case diagram and helped my team to draw a complete diagram. I created my sequence diagram, use case and the whole domain diagram which helped to learn a lot about software engineering. In our third part, I made package diagram and worked on the features package. Leading the project, I have developed various skills mainly problem solving and technical thinking as I had to solve issue about project with my teammates issues and think technically. I increased my capability in communication skills as I had to communicate with others. Another skill that has developed is time management skills as we had to deliver the whole project in due time. Overall, the project has taught me to be thoughtful and creative with team working.

What are the critical knowledge and skills that should be possessed by the leader to ensure the project is successful?

Project Knowledge:

To complete the whole project we all need the proper knowledge regarding the project. So as a leader, I tried to gather all the proper knowledge about the project. Then I did meeting with my mates and described them all the sections of the project. By sharing and gathering project knowledge I lead my team to have a successful project.

Active listening:

Working as a team leader I always tried to be a active listener. I listen to all sorts issues and advices of my mates. As a result, we were able to compare and collaborate the ideas with each other which helped to have a creative and successful project while I also helped my mates to sort out their issues by listening their issues with the project.

Communication:

For being a good leader, all need to have good communication skill. I also focused on that, I tried to communicate with my mates, as communication is the key. I communicated with everyone for meeting time, issues and ideas also regarding the project knowledge which helped me a lot to lead the team. This skill, helped me to solve ideas and other conflicts and to have a successful project.

What are the critical qualities of an effective leader to ensure the project's success?

Positive Attitude:

One of the most critical behaviors for a project manager is the strength to stay relaxed in any situation, especially when faced with sudden challenges and everybody else is having a fit. I always tried to stay calm in every situation and with a cool mind as a result I was able to solve all the issues of the project and lead my team with good vibes.

Motivating:

As being a leader it is very important to motivate your team so that they can easily reach the goal. By creating vision the leader can motivate the members to gain success. In order to have a successful project I motivated my team by creating a vision that we successfully made an user friendly project and attain good marks. This always kept my team motivated and we gained a successful project.

Multitasking:

Multitasking is a very important skill for a leader. Being a leader, he has to handle a lot of stuff together like project issues, member issues, clients and etc. and so it is very needed to be a good leader. While being a leader, I tried my best to be a multitasker and did various works together like helping my team and also doing my own works. Also understanding and gaining knowledge about my members and my part also. This was I was able to lead my team as a leader and came up with a good project.

The background is a deep blue gradient. On the left side, there is a faint, light blue grid pattern. On the right side, there are several concentric, curved lines that create a sense of depth and movement, resembling a tunnel or a stylized eye.

THANK YOU