

## **Self Reflection Report**

I will describe myself as a

- Teamplayer
- Hardworking
- Adaptable
- Flexibility
- Positive person .

### **What I learned and how could it benefit me in the future ?**

As our third year group project is a Construction Task Management System , I had the opportunity to work on the Site Manager role in the system. I had the privilege to experience the industry procedures , learn new technology stack and get valuable skills which will be beneficial for myself as this type of project is directly related to our future career.

I can describe the gained experience in such areas like requirement gathering and analysis , system development life cycle methods , project management , problem solving and learning swiftness. Those areas would be beneficial for me as I have to work on industry placement and next for being a skilled employee in the software engineer field.

### **How was my group work experience , my role and contribution ?**

When it comes to considering my project , I can state that my team was in a good collaboration in the development process although it was quite challenging for myself as I got the team leader position. I learned how leadership should carry on during the whole project cycle. It was not hard to work with my team members as everybody participated in every discussion and solved issues by discussing. Even though we have a huge workload no one forgot to do their allocated part of the project. Their dedication and efficient collaboration leads to the successful completion of the project.

As our system development is carried out by developing each actor of the system, Site Manager was my role. Site Manager is capable of assigning site supervisor , labours , tasks, materials and equipment for each site.

### **Task Handling**

Site managers can assign tasks with a description and a due date to complete. When any of the allocated tasks are declined to perform , he can reassign for an extended date or delete tasks based on availability.

### **Assigning Resources**

Site manager is assigning an available supervisor to the site from the company database.

Site manager is responsible for assigning labours to the site based on registered labours of each company. Initial material and equipment with quantity is also assigned to a particular site by the site manager.

### **Handle Leaves**

When there is a leave request from a site supervisor, the site manager is the one who is responsible to approve or decline tasks based on the availability and work has to be completed by checking manually.

### **What went wrong and what went well for me ?**

When I expressed my experience in our project, there were both positive and negative aspects which affected the growth. When it comes to what went well, I can state that problem solving, adaptability to new technologies, learning new aspects and team collaboration.

Hard Work makes me solve challenging problems and team spirit encourages me to carry out my processes. Learning a new technology stack is the most important thing for being a skilled employee in the field which was supported by this project.

When describing what went wrong, the main thing which I want to state is challenges as a team leader. I had to learn to take responsibilities while being a team player. I needed to be shifted from team player to leader everytime. It was not an easy thing to handle.

Time management was another issue which arose during the project timeline. Even though I thought to finish particular functionalities in a predefined time, it wasn't successful. As we have to do a lot of features my time estimation was unsuccessful. Sometimes communication was another issue. As several members working on the same git branches, sometimes we got significant errors while merging.

### **How can I improve myself in the future ?**

I have to work on developing my leadership skills effectively which will enhance my future routine. It might help me to balance the responsibilities of each role as a team player and the team leader. I should maintain proper communication throughout the project timeline to efficiently collaborate on the project workload and prioritise the project tasks to carry on. I might minimise the conflicts by following proper communication.

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