

## **Learning Journal – Week 2**

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**Course:** SOEN-6841 Software Project Management

**Week 1:** 28<sup>th</sup> January, 2024 to 3<sup>rd</sup> February, 2024

**Date:** 2<sup>nd</sup> February, 2024

### **Key Concepts Learned:**

This week we begun with the how effort estimation is done for a project, to understand what the cost of the project will be. Techniques like Function Point Analysis, COCOMO, etc. were learnt and practiced. Next, we moved on to Risk Assessment and Management, where we learnt risk identification, planning and strategies like acceptance, avoidance, transference and mitigation.

### **Application in Real Projects:**

There is always a cost associated with a project, typically measured in person months. Learning how to estimate it as accurately as possible will help us in becoming better project managers, and contribute to the success of the project as well as the team members.

Talking about risk, no project is without some associated risk also. Be it a construction project, where there might be a material shortage, or a software project where there might be a lack of developers, we must always be ready for a curveball, and be able to see what risks we might face and avoid them subsequently.

### **Peer Interactions:**

This week we made more progress with the project. We have discussed the unique selling point of Intelligent tutoring system, and we are working on the market analysis and problem definition document. We had a brainstorming session where we discussed how to move forward.

### **Challenges Faced:**

Main challenges faced by me were in the calculation of the cost estimation techniques. It took a while to understand how to use each technique, and when which technique should be used. Apart from this, for the project, challenges were faced when coming up with a USP, and a good strategy for market analysis.

### **Personal development activities:**

This week, I went through chapters 3, 4, 5 of the reference book, in preparation for the lectures. I also practiced some cost estimation question and have the 3<sup>rd</sup> chapter's exercise. Apart from this, I have been working on the problem definition of the project.

### **Goals for the Next Week:**

In the upcoming week, my plan is to tackle chapters 5 and 6 properly. Apart from this, I also plan to completely finish the problem definition phase of the project, and review what has been done by my teammates in market analysis.