

## **LEARNING JOURNAL**

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**Course:** SOEN 6841 Software Project Management

**Journal URL:** <https://github.com/usaib/SOEN-6841-Learning-Journal.git>

**Week 2:** 25/01/2024 – 03/02/2024

**Date:** 02/02/2024

### **Key Concepts Learned:**

This week, we focused on important aspects of project management, such as figuring out how much effort, cost, and time a project will take, and dealing with risks and configuration management.

#### **Effort Estimation:**

We learned how to estimate the work needed for a project by breaking it down into smaller parts and using techniques like bottom-up estimation.

#### **Cost Estimation:**

We looked at different ways to estimate the costs of a project, considering things like team size, salaries, and whether the work is done onshore or offshore.

#### **Schedule Estimation:**

We explored ways to plan project schedules, using tools like Gantt charts and the Critical Path Method (CPM) to make sure the project is planned well.

#### **Resource Estimation:**

We learned how to figure out and allocate the right resources for a project to make sure the team is well-balanced and has enough people.

#### **Risk Management:**

We understood what risks are in a project, learned about different types of risks, and figured out how to deal with them to make sure the project succeeds.

**Configuration Management:**

We dove into configuration management systems in software projects, understanding why they're important and how to deploy them successfully.

**Reflections on Case Study/Coursework:**

The real-life examples helped us apply what we learned. Case Study 1 showed how accurate effort and cost estimation is crucial, especially when dealing with team size and salaries. Case Study 2 expanded on this, focusing on how businesses handle risks throughout a project.

**Collaborative Learning:**

We worked with classmates on identifying and dealing with risks. This not only helped us understand better but also exposed us to different ways of handling problems.

**Further Research/Readings:**

We read more about advanced topics in risk and configuration management, gaining deeper insights to complement what we learned in class.

**Adjustments to Goals:**

We adapted our goals from last week to include a deeper dive into risk management strategies and a better understanding of configuration management systems, as they play a big role in project success.

**Overall Reflection:**

Week 2 was eye-opening, giving us a broader view of project management. The mix of case studies, group activities, and extra readings improved our practical understanding. We now see how crucial accurate estimation, effective risk management, and good configuration management are for project success. Excited to use these skills in future projects!

**Goals for the Next Week:**

The goal for the upcoming week is to actively participate in class discussions with the professor, seeking diverse opinions from different individuals to enhance understanding and retention of the discussed topics through interactive engagement.