

Learning Journal Template

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Course: Software Project management

Journal URL: <https://github.com/adizero99/SPM-SOEN6841-Learning-Journals>

Week 1: jan 28 -feb 3

Date: Jan 31 , feb 2

Key Concepts Learned:

During this week's study, I learned about estimating the effort and costs needed for software projects. I focused on two main techniques: COCOMO, which is a detailed model for calculating the resources needed based on the size of the project, and Function Point Analysis, which helps to understand different functionalities and their complexity within the software. Both methods are crucial for predicting how much work and budget are required to complete a software project successfully. Detailed Insights:

Effort and Cost Estimation:

I looked into the prospect of estimating the effort and budget needed for software projects. I mainly focused on two methods: COCOMO, which is a model that helps predict project resources, and Function Point Analysis, which evaluates different parts of the software to estimate costs. These methods help with planning and resource management in software development.

Risk Management:

I explored how to identify and manage different risks in software projects. I learned about the importance of recognizing risks early and how to prevent them from affecting the project too much.

Application in Real Projects:

The theoretical knowledge gained was applied to real-world projects, allowing me to experience the basics of project management. I put what I learned into practice on actual projects, which really showed me what it's like to manage a project. Doing this helped make my learning stronger and improved how I solve problems.

Peer Interactions:

Interacting with peers provided a valuable platform for exchanging ideas and insights, further helping my learning experience. I talked about the budget model especially how it is going to help us in terms of calculation all finances related to a project.

Challenges Faced:

Learning about these complex subjects was insightful but little complex, helping me learn a lot about the management side.

Personal Development Activities:

I went through additional research and case studies to get a clearer idea about the whole prospect of budget.

Goals for Next Week:

Looking ahead, I aim to further add to my understanding of software project estimation and risk management, with specifically applying these concepts to projects I would work on. I also plan to expand my learning into new areas, continuing to get further clarity in software project management.