

## Learning Journal Template

**Student Name:** Mohsin Feroz

**Course:** Software Project Management

**Journal URL:**

**Dates Range of activities:** 09/09/2024 – 16/09/2024

**Date of the journal:** 20/09/2024

Key Concepts Learned:	Application in Real Projects:	Peer Interactions:	Challenges Faced:	Personal development activities:	Goals for the Next Week:
I explored the fundamental aspects of project management, specifically focusing on software projects. Key project phases such as initiation, planning, monitoring, and closure. For initiating a software project, a Project Charter is important, Project Scope, Objectives and Project Schedule. Later on, techniques for effort estimation such as experience-based	When starting a new project, setting detailed and clear goals along with aligning resources was covered. Sub project phases covered software design and testing. Through the assignment, I learned why companies have project charters and how it helps the company and its team members to achieve a specific team goal and mission. The implementation of effort and cost estimation techniques aid in planning resources capably and set	I did not have much interactions with peers yet as I will be collaborating more with peers in future for the project work and discussions.	I faced issue with managing my time as the semester has just started. I believe I should give more time to revise topics taught in the class. I had difficulty in Function Point Analysis (FPA) and how it is calculated in different scenarios.	I have gone through the book by Ashfaque Ahmed and completed the exercises. I will review topics on the internet as well. I spent some time on lectures to understand FPA through the examples provided in the slides.	For the upcoming week, I will focus on giving more time to understanding lectures and while going through the lectures, I will focus on implementing everything I learn and relating it to real life scenarios. I look forward with engaging with my peers more in future.

methods like estimation by analogy and algorithmic methods such as COCOMO were explored in detail.	realistic timelines. One of the techniques is going through similar past projects and applying similar timelines.				
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### **Final Reflections:**

#### **Overall Course Impact:**

This learning journey enhanced my understanding of key project phases, including Initiation, Planning, Monitoring, and Closure. Each of these phases are critical in software project management; clear goals, objectives and planning is essential. I learned about Project Charter which was something very new to me, it is a document that describes the goals and purpose of the project. Well defined project scope and objectives aid in effective planning and resource allocation. Project schedule makes sure that the project meets the expected timelines. Learning about experience-based methods helped me understand how past projects and historical data help in estimation. On the other hand, Algorithmic models such as COCOMO also play a vital role in estimating resources for project to meet its expected timelines. I feel more confident in applying these methodologies to real-world scenarios.

#### **Application in Professional Life:**

The knowledge I learned from this course will be extremely useful in my professional life, especially when starting new projects. One of the most important lessons learned was the value of establishing explicit and specific goals early in the project lifecycle. By balancing these objectives with available resources, I can ensure that each project phase, such as software design and testing, runs smoothly. This method will allow me to keep attention on both the large picture and the little details of each subtask.

#### **Peer Collaboration Insights:**

I did not have much interactions with peers yet as I will be collaborating more with peers in future for the project work and discussions.

#### **Personal Growth:**

I have seen significant growth as a learner. One of the main area of my development has been the ability to relate theoretical concepts to real life situations. I still have a lot to learn but this will be my main objective to relate as much as possible to real life scenarios and apply the understanding of coursework to real life projects and scenarios. I will be allocating more time to study and plan the project work in advance to avoid last moment delays and hurried decisions.