**Learning Journal**

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**Course:** Software Project Management

**Journal URL:** <https://github.com/SahebChandok/SOEN-6841_LearningJournal>

**Dates Rage of activities:** 16 January 2025 – 23 January 2025

**Date of the journal:** 28 January 2025

**Key Concepts Learned:**

From Chapter 1, I learned the fundamental principles of software project management, including the characteristics of a project, and the critical roles of a Project Manager, Leader, Scrum Master, and their responsibilities in managing resources, risks, and quality. In Chapter 2, I learned about project initiation, project charter, scope, and SMART objectives (Specific, Measurable, Achievable, Relevant, Time-bound). Additionally, I understood the importance of accurate cost and effort estimation.

**Application in Real Projects:**

The concepts, such as defining a clear project scope, creating a project charter, and setting SMART objectives, are essential for managing real-world projects effectively.For example, consider the development of an e-learning app. Defining a clear project scope ensures features like video lessons, quizzes, and progress tracking are well-documented. Breaking the project into phases, such as planning, development, and testing, ensures smooth execution.

**Peer Interactions:**

This week, we were assigned the task of selecting our project team and the team for topic analysis. I had a discussion with my friends, Abhijit Banerjee and Arjun Yadav, about potential topics for our project and how we could present them innovatively. Additionally, I had a separate conversation with Abhijit Banerjee regarding our poster presentation. We discussed the potential challenges we might face while preparing for it and explored various strategies to overcome these challenges while presenting our topic in a creative and engaging manner.

**Challenges Faced:**

I initially struggled to understand the differences between the project charter, project scope, and project objectives. However, after further studying and reviewing the PPTs uploaded on Moodle, I can now confidently say that I have a clear understanding of these concepts.

**Personal Development Activities:**

While working on exercises 1.1 and 2.2 from the textbook, I took the opportunity to read about the latest IT projects funded by the government. I learned about their start dates, target completion timelines, and assigned budgets. Additionally, I explored various open-source projects and their project charters. This information was new to me and helped me stay updated on government investments in the IT sector.

**Goals for the Next Week:**

I aim to gain a deeper understanding of the topics covered last week. Additionally, I plan to meet with my teammates to collaborate on the market analysis for our project and work on refining our project pitch.