

## Learning Journal 1

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**Course:** Software Project Management (SOEN 6841)

**Journal URL:** [https://github.com/ujasbhuva/SOEN6841\\_SPM](https://github.com/ujasbhuva/SOEN6841_SPM)

**Dates Range of activities:** 9<sup>th</sup> September 2024 to 20<sup>th</sup> September 2024

**Date of the journal:** 21<sup>st</sup> September 2024

Key Concepts Learned:	Application in Real Projects:	Peer Interactions:	Challenges Faced:	Personal development activities:	Goals for the Next Week:
<b>Chapter 1: Introduction to Project Management</b> I learned that projects stand apart from everyday tasks because they have clear, specific goals, involve greater complexity, and are not routine in nature. Software projects, in particular, present unique challenges due to their invisibility, intricate nature, need for conformity, and the flexibility required to adapt to changes. Managing these projects is significantly more difficult compared to other types of projects.	Experiences show that initial project stages create unclarified requirements. In a multinational corporation there is a sense that the organization is indeed looking for something. But to increase the activity, the project manager must give some baseline for the project progress. The larger project plan is divided into yearly, quarterly, and bi-weekly plans or targets. At these levels, stakeholders, junior project managers, technical managers, and software developers understand the project without any lack of material.	During the class I engaged with my classmate for in class exercise where he pointed some missing points during the documentation of project proposal. He guided me for the different points for project scope for HR management portal. Such interaction usually helps me in better understanding of a topic or concept.	One of the challenges that I struggled to grasp was the Function Point Analysis technique in effort estimation. I found it difficult to comprehend how the five function types, such as External Input and External Output, were ranked according to their complexity. To improve my understanding, I plan to thoroughly review examples from previous projects and study additional resources on Function Point Analysis complexities.	<b>Activity:</b> I participated in a hackathon where I collaborated with a team to develop a functional prototype within a limited time frame. We brainstormed ideas, divided tasks, and rapidly built and tested the project under real-world constraints.  <b>Reflection:</b> Engaging in the hackathon sharpened my problem-solving and collaboration skills under pressure. It taught me how to think creatively and adapt quickly to changing circumstances. The experience also strengthened my ability to	<b>Enhancing Peer Collaboration:</b> I am dedicated to increasing my involvement in classroom discussions, particularly those related to resource estimation for iterative projects. By doing so, I aim to gain valuable insights from my peers and improve upon my own techniques.  <b>Reading Books and Articles for Project Management:</b> I plan to read more and more about Project Management from books and freely available articles to gain extra knowledge regarding real time use of
<b>Chapter 2: Project Initiation</b>	Time and scarcity are critical. You				

<p>In this chapter I reviewed project charters where the project's goals and scope are defined. It also provides limitations and main elements of the project. SMART goals (specific, measurable, attainable, relevant, and timely) are also part of the component to ensure that these objectives are properly aligned with project goals.</p>	<p>must complete task by following the deadline. Without project management, the project will not be successful due to a waste of time and resources.</p>			<p>manage time effectively and work efficiently as part of a team, skills that are invaluable in fast-paced project environments</p>	<p>concepts I am learning in class.</p>
<p><b>Chapter 3: Effort and Cost Estimation I</b></p> <p>In this chapter I learned estimates that rely on known information and algorithmic cost modeling, which aids in predicting the necessary resources and time for the project. They change as the project progresses, and there is a possibility of unanticipated changes in the requirements.</p>					

