**LEARNING JOURNAL**

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**Course:** SOEN 6841 – Software Project Management

**Journal URL:** https://github.com/AYYANARK/SOEN6841-SPM

**Week 1:** 14/01/2024 – 20/01/2024

**Date:** 24/01/2024

**Summary of This Week's Sessions:**

In this week's sessions, we delved into the realm of software project management, exploring its definition and the essential characteristics of projects. The fundamental aspects of projects, namely budget, time, and resources, were highlighted. Various project phases such as initiation, planning, monitoring, control, and closure were discussed, each comprising multiple sub-processes, including industry-specific ones. We also examined flow diagrams illustrating software life cycle processes, project processes, and software configuration management. The significance of quality characteristics in software projects was emphasized.

**Key Concepts Learned:**

1. Definition and characteristics of software project management.

2. Fundamentals of projects: budget, time, and resources.

3. Project phases: initiation, planning, monitoring & control, and closure.

4. Sub-processes within each project phase, including industry-specific ones.

5. Flow diagram of software life cycle processes and software configuration management.

6. Importance of project charter, project scope, and project objectives.

7. SMART criteria for setting objectives and defining goals.

8. Application of project charter, project scope, project objectives, and goals in real projects.

**New Terms and Methodologies Introduced:**

1. Project Charter

2. Project Objectives

3. Project Scope

**Application in Real Projects:**

Understanding the significance of project objectives, goals, project scope, and project charter provides a structured approach to project initiation, division, and budget allocation. Applying these factors enables effective tracking and management of the entire project.

**Challenges Faced:**

The concepts introduced this week were relatively easy to grasp, and there were no significant challenges. Real-time project development could be more closely related for a comprehensive understanding.

**Personal Development Activities:**

Learning the main principles of software project management has influenced my approach to project initiation. This understanding has enhanced my thinking process regarding how to commence a project.

**Goals for the Next Week:**

Excitement surrounds the anticipation of learning about the next phases of software project management in the upcoming week.