**Learning Journal**

**Student Name:** Priyanshu Adhikari(40262789)

**Course:** SOEN 6841 Software Project Management

**Journal URL:** <https://github.com/Priyanshu7175/SPM.git>

**Week 1:** (Jan 18 Jan 24)

**Date:** 21 Jan 2024

**Key Concepts Learned:**

* This week we covered Chapter 1 and Chapter 2
* **First chapter** had an overview of the SPM process from details like what is a project to what is a software project(intangible in nature).The differences between SDLC and SPM were highlighted in the class. We covered the phases of a project which are project initiation,planning,monitoring and control and closure. Planning to control phases of a project are SDLC whereas all the phases mentioned are SPM.Lastly the management metric were covered.
* **CASE STUDY 1** covers a case of a US & Europe grocery company working with a logistic firm and project's focus is on enhancing logistics functionalities.A need for third party logistics service providers (3PL) to receive realtime information about transportation requirements from manufacturers/distributors was pointed out in the project .A scheduled system needs to be created minimize truck waiting times at receiving and shipping warehouses, with the goal of achieving cost effectiveness for all involved parties. The study highlights the importance of planning, execution, monitoring, control, closure, risk management, effort estimation, and cost estimation in a project.
* **Second chapter** covers the project initiation phase in detail.The explanation of project charter,scope and objective.Charter is created by the top management and defines the purpose of the project, scope is the boundaries of the project and objectives are specified steps in a project.
* **CASE STUDY 2** the case study highlights the project initiation covering the description of the project charter,scope and objectives.Many constraints like trucks, port type and labour availability is given. The key learning being real world examples of charter,scope and objective. Risk management in the real world scenario is also shown.

**Application in Real Projects:**

* All the phases of SPM which are mentioned are an integral part of a software project Initiation,planning,monitoring,control and closure.Hence used in all the real projects.
* Project charter,scope and objectives help the company to unify the understanding of the change or project required.
* Management metrics are quantifiable goals that help organizations assess their performance and progress toward the target.

**Peer Interactions:**

* A discussion was done on the role of manager in the project:The responsibilities of a software project manager manages diverse aspects of a software project, including managing teams, collaborating with suppliers and customers, and overseeing daily project tasks.(Timeline,resources and budget )
* A discussion on what is a project : A house,a road or a table can be considered a project.It all depends on the uniqueness of the product and some other constraints like it should have a timeline and specific scope.

**Challenges Faced:**

* Understanding the concept of charter and scope as these terms are closely related. This topic needed a little more focus from my end
* Case studies had a lot of details hidden so it required extra effort from my end.

**Personal development activities:**

* Learned the importance of Business as technical skills are important but business sense is equally important.
* Made metrics to judge progress
* Understanding of Project Management.

**Goals for the Next Week:**

* Project and discussions

Start working on the Market Analysis and project initiation phase of the project.

* Read chapter 3 and 4