**SOEN 6841 - Software Project Management**

**Learning Journal [Jan 18 - Jan 24]**

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**Course** - SOEN 6841[Software Project Management]

**Journal URL** - https://github.com/KarthikDurai98/Karthik-SOEN-6841-SPM-Weekly-Journal

**Week 1** - Jan 18 to Jan 24

**Date** - 24/01/2024

**Key Concepts Learned:**

- Definition of a project and software project

- Processes involves in a software project

- Integration of people, tools and technology used in project

- Some of characteristics that project manager must have to manage the team

- Applying project idea from real world scenario

- Developing project tasks based on specific criteria

- Learned on how to initiate the project

- Importance of project charter

- Initiation of projects

- Learned project scope and objectives

**Peer Interactions:**

- Discussed on challenges and characteristics of software project

- Characteristics of a good project manager should possess so that he can manage the team as

well able to deliver complex project on time, within the budget allocated etc…

- Discussed on how to integrate technologies, tools, libraries into the project

- Discussed on how to handle the project whose requirements changes frequently

- Discussed on how to handle failures or bugs after deploying the project

**Challenges faced:**

- Understanding complexities of software project

- Relationship between project scope, objectives and how to calculate budget for a project

- How to overcome the problem if a clients changes the requirements frequently

**Personal Development Activities:**

- Studied Software Development Life Cycle in depth

- Explored industry specific processes related to software projects

- Explored skills needed for a good project manager

- Strategies for effective project charter creation

**Goals for next week:**

- Understanding the complexities of software life cycle process

- Advanced techniques for effective project initiation

- Applying project charter concepts in real time situation.

- Work on how to calculate a budget by taking a open source project and frame a budget with my

team members

- Planning to learn specialised skills for software project management

- Discussion with my team members regarding our final project and also will implement the

concepts learned till now while developing the project.