

Learning Journal

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Course: Software Project Management (SOEN 6841)

URL: https://github.com/Ishan-3213/SOEN_6841_Learning_Journal

Week 3: [Feb 4-Feb 10]

Date: [07-02-2024]

Key Concepts Learned:

- Learned about configuration management system and its methodology.
- Made necessary changes to the GitHub repository in order to improve the structure and readability of the weekly work updates.
- Observed that software product features need to be changed if end users make a request. This is not unusual and is a common practice on software projects.
- To deepen my understanding, I delved into online materials available on the PMI Community platform (<https://my.pmi.org/>), actively participating in forums and reading articles.

Application in Real Projects:

- A mid-market software vendor with headquarters in the United States effectively established a central configuration management system to facilitate their incremental iteration development approach for a software system that is utilised by manufacturers, distributors, and retailers worldwide. The system involved development teams based in Russia, India, and other countries, as well as internal teams. The effective, safe, and round-the-clock configuration management system was important in optimising development procedures. Access permissions were rigorously controlled, with administration access restricted to designated team members. To guarantee code compatibility and dependability, automated smoke testing software was used. By keeping their local builds in sync with the central system, each developer reduced the likelihood of build failures and enhanced the development cycle's overall effectiveness.

Peer Interactions:

- Discussing and analysing real-world examples of hazards that colleagues encountered during their projects gave the theoretical concepts a practical application. However, a more extensive discussion among peers about risk management techniques could enhance the learning process.
- Started discussions with peers to understand their approaches to risk management.

Challenges Faced:

- Project understanding is the must and “Housing Energy Saving” is difficult topic for me.
- Still confused in the function point analysis and its components.
- Estimation by analogy was not my strong suit need to dig deeper to understand that.

Personal development activities:

- To determine industry trends, client demands, and possible rivals, done some market analysis (Glassdoor).

Goals for the Next Week:

- In the upcoming week, my plan is to delve into chapters 6 and 7 of the book. I intend to independently tackle the exercises, aiming to enhance my understanding and knowledge. This proactive approach is geared towards fostering increased attentiveness and participation in the classroom, allowing for a more engaging and informed involvement in activities and discussions.
- Will have a long discussion on the project in next couple of days and will complete the market analysis and initial steps of the project with the colleagues.