

Learning Journal 2

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Course: Software Project Management (SOEN 6841)

Journal URL: https://github.com/shahyesha/SOEN6841_SPM

Dates Range of activities: 23rd September 2024 to 4th October 2024

Date of the journal: 5th October 2024

Key Concepts Learned:

In the first week, I focused on learning important parts of Risk Management, such as different types of risks, how to assess them, ways to reduce risks, and a concept called Risk Reduction Leverage (RRL). I explored about various risk types, like technology risks (e.g., internet going down), organizational risks (e.g., budget cuts), and human risks (e.g., key team members leaving). Learned how to evaluate risks using both simple and detailed methods and looked at practical ways to manage risks, such as avoiding unnecessary work and setting realistic deadlines.

In the second week, I moved focus to Configuration Management alongside further strengthening my understanding of Risk Management. I learned the value of tracking and managing software system changes through configuration management, which makes sure that project assets are kept up to date consistently throughout the development process. I also gained knowledge about how configuration modifications affect project risks and how efficient configuration management lowers total project risks.

I also worked on preparing for a project pitch for Collaborative Project management for creative teams, which involved researching market needs, defining the project's scope, and presenting the key features to audience.

Applications in Real-Time Projects:

These weeks' learning has a lot of application to actual projects. For example, early detection of technology obsolescence can save money and time in risk management for software development projects like creating an e-commerce platform. Configuration management, meantime, makes sure that, despite any modifications, the project stays stable and in line with its initial objectives. This information helped me prepare for my project pitch because it allowed me to include techniques for configuration control and risk management in my presentation.

Peer Interactions:

During these weeks, I actively participated in discussions on risk and configuration management. I explored effective strategies for mitigation of risks and debated how to assess them using both qualitative and quantitative methods. I received valuable feedback on enhancing configuration control in long-term projects, including the importance of version control, tracking changes, and maintaining stability. These insights helped me better understand how to handle potential project challenges. As a result, I was able to refine my project pitch by incorporating practical risk management techniques and solid configuration control strategies, ensuring a well-rounded and professional presentation.

Challenges Faced:

Learning about quantitative risk analysis and the idea of calculating risk reduction leverage during the first week's risk management focus was especially difficult for me. It took more work and in-depth research to fully comprehend these technological issues. By the second week, I was working extra hard to prepare a strong project pitch and balance my ongoing education in risk management with a deep dive into configuration management. It became difficult for me to organize my time, but I was able to get past these difficulties by practicing more, going over important ideas again, and asking for help from peers. My comprehension was reinforced, and it also helped me prepare better for my pitch.

Personal Development Activities:

I recently worked on improving my project management skills through personal development activities focused on risk and configuration management. The first week was challenging as I learned to calculate risk reduction leverage and navigate the complexities of quantitative risk analysis. In the second week, managing my time effectively was put to the test while preparing a project pitch and reconciling lessons on configuration management with risk management. I overcame these challenges with further practice and encouragement from peers. Ultimately, these exercises deepened my understanding of project management best practices and enabled me to craft a strong pitch that included effective risk management strategies.

Goals for the Next Week:

For the upcoming weeks, I aim to continue my deep dive into **configuration management** and explore its integration with **quality assurance** in software projects. Additionally, I plan to gather more information on my project and improve my understanding of project risk quantification techniques.