Learning Journal Template

Student Name: Venkatasubrahmanyamanisaisri Harshini Bandaru

Student ID: 40264171

Course: SOEN 6841 Software Project Management

Journal URL: https://github.com/Sriluharshini/SOEN-6841-SPM

Dates Rage of activities: 23 September 2024 to 30 September 2024

Date of the journal: 5 October 2024

Key Concepts Learned:	**Application in Real Projects:**	**Peer Interactions:**	**Challenges Faced:**	**Personal development activities:**	**Goals for the Next Week:**
I gained insights into Configuration Management, Risk Management, and Iterative Development. I learned the key functions of CM—*Configuration Identification, Control, Status Accounting,* and *Auditing*—which are essential for maintaining software integrity and preventing project chaos.	In real-world projects, applying Configuration Management ensures that all changes are well documented, which helps maintain consistency, especially in large teams or distributed environments. For instance, in a project where multiple teams work on different modules, CM helps keep track of who changed what, preventing integration issues.	During this week, we collaborated on the delivery of the project pitch. Everybody on the team gathered the possible risks that could pose for our chosen project and how well it could stand out from the existing competitors.	One of the challenges I encountered this week was gaining a clear understanding of how to efficiently implement Configuration Auditing in a fast-paced, agile environment. Auditing requires thorough documentation and compliance checks, which can slow down development if not automated or streamlined.	To enhance my understanding of Risk Management, I have studied a few companies' risk management strategies in agile methodology.	My learning goal for the upcoming weeks is to deepen my understanding of tools and techniques for Configuration Auditing, particularly in agile environments. Explore more about how Iterative Development can help in managing risks efficiently, especially in hybrid project models where both waterfall and agile practices are applied.
In Risk Management, I focused on understanding risks as a combination of probability and	Similarly, Risk Management plays a crucial role in identifying potential threats early on and	Additionally, our team decided to leverage CM tools such as GitHub for	Additionally, prioritizing risks during Risk Management proved challenging,	They discussed how agile teams can continuously monitor risks	Study real-world case studies where effective Risk Management and Configuration Management have

negative consequences. I explored different risk categories (technical, legal, organizational) and the steps of *Risk Assessment—Identification, Analysis,* and *Prioritization*. Additionally, I learned about risk control strategies like *Acceptance, Avoidance, Transference,* and *Mitigation*, and how Iterative Development reduces risks by incorporating early user feedback, unlike the rigid waterfall model.	addressing them before they become costly. By using risk control strategies, project teams in real-world can anticipate issues like technical failures, legal challenges, or resource shortages and have contingency plans in place.	our project development for a smooth development flow.	especially when dealing with multiple risk factors across different domains (e.g., technical vs legal risks). It became clear that more experience and data-driven decision-making are needed to refine this process.	and adjust their sprints and backlogs accordingly. This helped me see how risk management can be more seamlessly integrated into iterative development.	led to successful project outcomes.