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: 4 November 2024 to 9 November 2024

Date of the journal: 9 November 2024

Key Concepts Learned:	**Application in Real Projects:**	**Peer Interactions:**	**Challenges Faced:**	**Personal development activities:**	**Goals for the Next Week:**
During these weeks, I delved into the core principles of **Project Closure** and **Software Lifecycle Management**, focusing on **Final Deliverables and Documentation, Lessons Learned, SDLC Models and Concurrent Engineering.** I understood the importance of archiving final project components, source code and related assets for future reference. I also comprehended that the critical phase in project closure is to capture lessons and insights for future improvements. This serves as a	The concepts learned from **Project Closure** and **Software Lifecycle Management** were highly applicable to our **Digital Skill Training Platform** project. I followed the principles of project closure and ensured that each module of the project—content creation, UI design, and outreach strategies—had clearly defined deliverables and documentation. By implementing a version control system, we maintained an organized archive, facilitating easy access for future reference.	This week, we collaborated with teammates and emphasized the challenges of handling project closure, particularly in organizing and archiving project data. This discussion highlighted the benefits of maintaining well-documented records for easier knowledge transfer and future audits.	One of the key challenges I encountered was how to organize all final documentation and deliverables including huge source code systematically, especially for a project with multiple interconnected modules and resources from different domains. I learnt that this required constant tracking and coordination, emphasized in the project closure phase.	To improve my project management skills, I studied the application of quality gates within the project lifecycle, ensuring deliverables met quality standards at each stage. This is comparable to milestone tracking and helped me reinforce project discipline.	During the coming weeks, I aim to master **Project Closure Techniques.** I would Practice organizing and archiving project data to streamline the closure process. I plan to focus on the archiving methods discussed in Chapter 8 to improve knowledge transfer in future projects.

foundation for continuous learning and enhancement in future projects.					
Additionally, I learnt the unique benefits and challenges of SDLC models like Waterfall and Iterative models, how to choose them based on our project requirements and how iterative models allow overlapping phases to expedite development without compromising quality through continuous feedback.	Based on the iterative model insights, we approached the platform's development in phases. Small, incremental releases allowed us to gather user feedback early and incorporate improvements, we adapted the JIRA System (SCRUM methodology), which emphasizes adaptability and continuous improvement.	We also discussed the SCRUM and Extreme Programming models and defined the practical use of iterations and incremental builds. Peers shared examples from their projects, showing how iterative models helped them adapt to evolving requirements, which I found applicable to our platform development.	At first, it was difficult to understand how to **balance Flexibility and Quality in an Iterative Model.** While iterative models offer flexibility, maintaining quality without overextending timelines was difficult. Managing quality gates for each incremental release helped, but it required close attention to detail to ensure we met standards without delaying the project.	I **Practised Concurrent Engineering Principles** which allows for overlapping project phases, was especially helpful in improving workflow efficiency. I applied this by parallelizing content development and platform design activities, reducing delays and enhancing productivity. These activities helped me manage the project with a structured, quality-focused approach, ensuring efficient progress while meeting deliverables.	I aim to deepen my understanding of quality gates and apply them in our project's incremental releases. This will involve experimenting with quality assurance methods to ensure each phase meets standards without compromising project flexibility.