Learning Journal Template

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Course: Software Project Management

Journal URL: https://github.com/VishalPeruma1/SOEN-6841-SPM-/blob/main/Learning%20Journal%201.pdf

Dates Rage of activities: 04/11/24 – 08/1/24

Date of the journal: 09/11/24

Key Concepts Learned:

This week, we focused on Chapter 8: Project Closure, where I learned about the processes and importance of formally closing a project, including the different project deliverables before closure of a project, Project measured metrics data filtration for archiving and the Lessons learnt on the project through archived project data. We also started Chapter 9: Introduction to Software Lifecycle Management, which covered foundational concepts for managing a project's lifecycle, like benefits in terms of productivity gains of Software engineering while using lifecycle management and the lifecycle of a project in waterfall model to name a few.

Application in Real Projects:

Project closure and software lifecycle management are essential in real-world projects across various industries. For instance, in software development, project closure involves formally ending a project, which includes verifying that all deliverables are complete, handing over documentation, and conducting a final review. This step is critical to ensure the project meets its objectives, gather feedback, and create a foundation for future improvements. Closure also prevents projects from remaining open indefinitely, helping organizations avoid unnecessary resource usage and giving teams a clear sense of completion.

Software lifecycle management, on the other hand, applies to projects throughout their entire lifespan. It guides the project from initial planning and development through testing, deployment, maintenance, and eventual completion. This approach ensures that software remains aligned with user needs, adapts to technological changes, and is maintained for security and efficiency over time. For example, in industries like healthcare and finance, lifecycle management is crucial to ensure that software continues to meet regulatory requirements and can evolve with new updates or standards, reducing risks of outdated functionality or security vulnerabilities.

Peer Interactions:

We had our project deliverable 2 submissions this week and for it, we collaborated as a team to divide tasks and ensure that everyone had a clear understanding of their roles. Early on, we divided up the tasks, and I took responsibility for the Project Plan, including setting up the project timeline and organizing resource allocation. With the help of my teammates, I was able to solve the challenge I was facing with regards to the project timeline for our Health and Wellness app.

Challenges Faced:

One challenge I faced was making sure that everything fit logically into our timeline and resource allocation. It was a bit tricky to balance our ambitious goals with realistic deadlines. I needed to careful consider the effort needed for each phase of the project and I also needed to make some adjustments to our original ideas. I did that by speaking with my teammates and making sure that everyone was on the same page about the new plans.

Personal development activities:

This week, I focused on creating the Project Plan for our Health and Fitness App project, which gave me hands-on experience in project planning and resource allocation. Building the Gantt charts, setting milestones, and defining deliverables helped me see how project management techniques apply in real scenarios. It was a good opportunity for me to grow my skills in organizing timelines and managing different tasks.

Goals for the Next Week:

Next week, I plan to start my finals preparation. I'll go through our textbook, review chapters, and work on exercises and questions to reinforce key concepts. With this preparation I hope to feel confident and well-prepared for upcoming exams.