

Learning Journal 4

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Course: Software Project Management

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Dates Range of activities: 23 February 2025 - 16 March 2025

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Key Concepts Learned:	Application in Real Projects:	Peer Interactions:	Challenges Faced:	Personal development activities:	Goals for the Next lecture:
This week, I focused on Project Monitoring & Control (Chapter 7) and Project Closure (Chapter 8) in software project management. I learned how important it is to set baselines —for cost, time, performance, and scope—to track project progress. A key method I explored was Earned Value Management (EVM) , which helps monitor both schedule and budget by comparing planned work	The lessons from Project Monitoring & Control and Project Closure are highly valuable for managing real-world projects. Applying Earned Value Management (EVM) can give clear insights into whether a project is on track with time and budget, helping managers catch problems early. Setting clear baselines for cost, time, and scope provides a	During the lecture , interactions with peers provided valuable insights into both Project Monitoring & Control and Project Closure . Collaborative discussions highlighted the importance of maintaining accurate baselines and using tools like Earned Value Management (EVM) to track progress effectively. Some peers shared real-world examples where early detection of schedule and budget variances	While studying Project Monitoring & Control and Project Closure , a few challenges stood out. Understanding detailed calculations and practical application of Earned Value Management (EVM) was complex, especially interpreting schedule and cost variances and their impact on overall project health. It was also challenging to fully grasp how to	To enhance my understanding of Project Monitoring & Control and Project Closure , I took the initiative to explore real-world case studies of software projects. This helped me see how Earned Value Management (EVM) is used to track progress and identify delays in practice. I also practiced creating a baseline plan , including cost, time, and scope, to	For the upcoming lecture , my goal is to develop a deeper understanding of Earned Value Management (EVM) by mastering the calculation of schedule and cost variances and learning how to interpret these metrics for better decision-making. I also want to focus on improving my knowledge of resource manage

<p>to actual results. I also discussed the difference between monitoring and control, along with techniques like resource loading, resource leveling, and schedule optimization to keep projects on course. In the project closure phase, I covered finalizing deliverables, managing source code versions, and archiving project data to capture key insights. I also touched on handling scope changes carefully and explored ways to respond to issues, like re-planning, adjusting resources, or, in extreme cases, terminating a project.</p>	<p>solid foundation to measure progress and adjust when needed. However, using techniques like resource leveling and schedule optimization can help manage workloads and avoid delays. During project closure, properly archiving data and documenting lessons learned can save time and improve decision-making for future projects. One challenge is ensuring teams stay committed to these processes, as extra effort for detailed tracking and thorough documentation may feel time-consuming.</p>	<p>through EVM helped them avoid major project delays. Others emphasized the challenges of managing scope changes and the need for a clear change control process to prevent scope creep. In conversations about project closure, we discussed how thorough data archiving and documenting lessons learned can improve future projects. A key takeaway from these discussions was that while these processes require extra effort, they enhance transparency, accountability, and continuous improvement, making future project management smoother and more efficient.</p>	<p>balance resource loading and resource leveling without causing further delays or overburdening the team. In the project closure phase, the process of archiving data and effectively capturing lessons learned felt vague—especially regarding which data points are most valuable for future projects. Additionally, managing scope changes while maintaining original project goals raised questions about how to decide whether to re-plan or revise the project without disrupting progress.</p>	<p>better understand how these elements work together to monitor a project's performance. Additionally, I researched best practices for archiving project data and documenting lessons learned, which highlighted importance of preserving key insights for future projects. These activities not only deepened my technical knowledge but also improved my ability to apply these frameworks in real-world project management scenarios. Overall, it took around 6 hours to understand all concepts. [References] [References]</p>	<p>nt, particularly how to effectively apply resource leveling and schedule optimization without disrupting project timelines. Another key area of focus will be understanding the change control process—specifically, how to evaluate and implement scope changes while minimizing their impact on project goals. In the project closure phase, I aim to learn best practices for data archiving and how to capture and apply lessons learned to future projects.</p>
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