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Course: SOEN-6841 (SOFTWARE PROJECT MANAGEMENT)
Journal URL: https://github.com/Sasikiran-31/SOEN-6841-40267002

Chapters Covered (7 and 8)
Dates Range of Activities: [03-13-2025 to 03-16-2025]
Date of the Journal: [03-16-2025]

<center>Learning Journal 4</center>

Key Concepts Learned

Chapter 7: Project Monitoring and Control

- Project monitoring ensures project progress aligns with the plan, using task progress tracking and performance indicators.

- Earned Value Management (EVM) is a critical technique for measuring project performance and detecting deviations.

- Resource utilization and optimization help in maintaining efficiency and addressing bottlenecks.

- Example: Applying EVM calculations in a sample project provided insights into tracking cost and schedule variances.

Chapter 8: Project Closure

- Project closure involves finalizing all project aspects, ensuring documentation is complete, and lessons learned are recorded.

- Resource release and knowledge transfer are essential to a smooth transition.

- Case study analysis highlighted the importance of archiving data and conducting post-mortem evaluations.

- Example: Reviewing a completed software project helped understand how effective closure prevents future operational issues.

Application in Real Projects

- Monitoring techniques improve real-time tracking and deviation management.

- Proper project closure practices ensure a seamless handoff and process documentation.

- **Challenging Component:** Implementing EVM in an Agile environment required adapting traditional techniques to iterative workflows.

Peer Interactions and Collaboration

- Engaged in discussions about EVM and its adaptability in Agile projects.

- Received feedback on how to refine risk monitoring strategies.

- **Breakthrough:** Learning how project monitoring influences decision-making in dynamic environments.

Challenges Faced

- Struggled with integrating EVM metrics in a project with frequent scope changes.

- Faced issues in determining effective knowledge transfer methods for project closure.

- **Example:** Coordinating knowledge retention efforts required structured documentation and stakeholder involvement.

- Conducted further research to refine project closure templates and tracking tools.

Personal Development Activities

- Practiced EVM calculations on sample project data.

- Attended a webinar on Agile monitoring techniques.

- **Experience:** Implementing structured project closure in a case study improved my ability to handle knowledge transfer.

Goals for the Next Week

- **Short-term goals:**

  o Refine project tracking strategies using real-time dashboards.

  o Develop a closure checklist tailored to software development projects.

- **Long-term goals:**

  o Gain expertise in advanced monitoring tools for Agile workflows.

  o Improve proficiency in conducting post-mortem project evaluations.