**Learning Journal**

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**Course:** SOEN 6841

**Journal URL:** <https://github.com/saloni213/SOEN6841>

**Week 1:** Feb 18- Mar 9

**Date:** March 9, 2024

**Key Concepts Learned:**

1. **Exam Preparation:**
   * Dedicated time to revisiting and reinforcing key concepts from six covered chapters.
   * Comprehensive review included project initiation, effort and cost estimation, risk management, configuration management, and project planning.
   * Actively engaged with sample quizzes to align preparation with exam requirements.
2. **Project Phase 2:**
   * Conducted feasibility study, solution proposal, project plan, risk assessment, and budgeting documents.
   * Detailed activities:
     + Feasibility Study: Evaluated technical, economic, and operational aspects for project viability.
     + Solution Proposal: Outlined project goals and aligned technological aspects.
     + Project Plan: Structured plan with tasks, milestones, and roles for implementing augmented reality features.
     + Risk Assessment: Identified potential risks and developed proactive mitigation strategies.
     + Budgeting Documents: Prepared detailed budgeting documents accounting for all costs.
3. **Study of Chapters 7 and 8:**
   * Chapter 7: Project monitoring and control.
     + Importance of project plans as baselines, milestones in gauging progress, and Earned Value Management (EVM) for tracking schedule and budget progress.
   * Chapter 8: Project closure.
     + Activities performed during project closure, importance of project deliverables, source code version management, and archiving project-measured metrics data.

**Reflections on Case Study/Course Work:**

1. **Case Studies Exploration:**
   * Online case studies on project monitoring and control, with a focus on EVM.
   * Applied principles to augmented reality museum guide project.
   * Used EVM for progress tracking and implemented monitoring and control measures.
2. **Reference to Project-Related Case Studies:**
   * Referred to case studies related to similar implementations in the industry.
   * Derived insights to refine project strategies, particularly in risk management and scope control.
3. **Lessons Learned:**
   * Emphasized the interconnected nature of planning and control.
   * Applied corrective actions based on case study examples to address project deviations effectively.

**Collaborative Learning:**

1. **Active Participation in Collaborative Discussions:**
   * Engaged in discussions on key topics from Chapters 7 and 8.
   * Facilitated discussions and shared insights on monitoring project schedules, costs, and deviations.
2. **Collaborative Project Session in the Library:**
   * Led sessions on applying concepts learned to the project.
   * Engaged in discussions on project closure strategies and EVM techniques.
3. **Informal Discussions:**
   * Initiated discussions with peers about project-related challenges.
   * Shared practical insights and explored innovative ways of applying EVM in real-world scenarios.

**Further Research/Readings:**

1. **Exploration of Methods to Enhance Precision in Project Monitoring:**
   * Investigated innovative methods to enhance precision in project monitoring.
   * Explored successful applications of EVM and modern project closure strategies.
2. **Advanced Risk Management Models:**
   * Researched advanced risk management models for complex project scenarios.
   * Studied integration of Agile methodologies with traditional project management approaches.
3. **Impact of Human Factors on Project Monitoring and Control:**
   * Explored impact of human factors on project success, focusing on team dynamics and communication.

**Adjustments to Goals:**

1. **Communication Channels Refinement:**
   * Continue refining communication channels within the team for seamless collaboration.
2. **Individual Roles and Responsibilities Definition:**
   * Define individual roles and responsibilities to establish structured workflow within the group.
3. **Project Phase 2 Emphasis:**
   * Continue working on project's second phase, emphasizing feasibility study, solution proposal, project plan, risk assessment, and budgeting documents.
4. **Ongoing Review of Chapters 7 and 8:**
   * Maintain ongoing review of key concepts from Chapters 7 and 8, emphasizing practical applications.
5. **Main Takeaways Identification:**
   * Summarize main takeaways from each chapter, identifying critical insights applicable to real-world project scenarios.
6. **Application Analysis:**
   * Analyze application of learned concepts, especially project closure, in real-world situations.
7. **Continuous Feedback Seeking:**
   * Seek continuous feedback from peers or instructors to ensure comprehensive understanding of course material.
8. **Additional Case Studies Exploration:**
   * Explore additional case studies related to all covered chapters to deepen insights into various project scenarios.