**Learning Journal**

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**Course:** SOEN 6841

**Journal URL:** https://github.com/Abhigyan-singh2001/COMP6841\_Learning\_Journals

**Dates Rage of activities:** 10/02/2025 – 22/02/2025

**Date of the journal:** 23/02/2025

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| **Key Concepts Learned:** | **Application in Real Projects:** | **Peer Interactions:** | **Challenges Faced:** | **Personal development activities:** | **Goals for the Next Week:** |
| Chapter 7 was all about tracking the progress of a project by comparing actual performance against planned objectives.  **Baseline Tracking** – The project plan serves as a baseline to measure progress using milestones and actual vs. planned dates.  **Earned Value Management (EVM)** – A key tool for tracking schedule and budget variance by comparing actual and planned values.  **Monitoring vs. Control** – Monitoring collects progress data, while control ensures the project stays on track through corrective actions.  **Key Areas of Control** – Performance, cost, time, quality, scope, risk, and team management are crucial for project success.  **Steps in Monitoring & Control** – Establish baselines, track progress, analyze deviations, and take corrective actions when needed.  **Corrective Actions** – Re-planning, resource reallocation, or project termination in extreme cases. | Large infrastructure projects like **highways, bridges, or skyscrapers** use **Earned Value Management (EVM)** to track progress.  In tech companies like **Google or Microsoft**, software teams monitor sprint progress using tools like **Jira or Trello**. Project managers compare actual work with planned iterations, adjust resources, and manage risks dynamically. | Discussed about project pitch. And divided the tasks among group members for deliverable 2.  Had meeting with TA regarding questions about pitches and getting some guidance and opinions. | faced challenges understanding Chapter 7 (Project Monitoring & Control) and Chapter 8 (Project Closure) because these topics were not included in the exam preparation, and the professor is yet to cover them in class, making it difficult for me to grasp the concepts on my own. | I referred to the book recommended by the professor, prepared for the project pitch by practicing it, and also focused on exam preparation by practicing questions and studying the suggested material. And PPTs. | Goal for the next week is to revise these concepts again after the professor explains them in class and working on my assigned part for deliverable 2. |
| Chapter 8 was all about Project closure.  **Finalizing Deliverables** – Ensuring all project objectives, reports, and software versions are completed before closure.  **Source Code Management** – Archiving the final stable version and maintaining proper version control.  **Data Archiving & Filtration** – Storing essential project data and filtering out unnecessary information for future use.  **Lessons Learned** – Documenting successes, failures, and best practices to improve future projects.  **Project Completion Review** – Verifying that all contractual and organizational requirements are met.  **Knowledge Transfer** – Ensuring future teams can reference archived project data and insights for continuous improvement. | In **clinical trials for new drugs**, pharmaceutical companies like **Pfizer or Moderna** follow strict closure processes. Final reports, test results, and regulatory compliance documents are archived, and insights are used for future research. |  |  |  |  |