**Learning Journal**

**Student Name:** Abhigyan Singh

**Course:** Software Project Management

**Journal URL:** <https://github.com/Abhigyan-singh2001/COMP6841_Learning_Journals>

**Dates Range of activities:** 16/01/2025 – 23/01/2025

**Date of the journal:** 21/01/2025

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| **Key Concepts Learned:** | **Application in Real Projects:** | **Peer Interactions:** | **Challenges Faced:** | **Personal development activities:** | **Goals for the Next Week:** |
| Introduction of software project management, emphasizing planning, organizing, and managing resources to achieve defined goals. Characteristics of a good project manager and the differentiation between software roles like Leader, Manager, Scrum Master, Project Manager | Using SMART objectives to clearly define project goals which are measurable and time-bound.  Implementing structured project initiation processes to align stakeholders and clarifying deliverables in software development​ | Discussed about the differences between Agile and Waterfall project management and sharing insights on role-specific responsibility.  Exploring how SMART objectives enhance team alignment and project clarity. | Understanding the connection between project phases and lifecycle tasks.  Understanding concepts like project charter and division techniques in real-world projects. | Searched on internet about project scheduling and estimation techniques.  Watched videos on how project initiation and management rare done in industry projects. | Understanding cost and effort estimation techniques, particularly project division and exploring real-world examples of software project charters and schedules.  Covering the concepts of next week slides and case studies. |
| steps about project initiation, including creating a project charter, defining project scope and objectives, and estimating budgets, costs, and schedules. Importance of SMART objectives. |  | | | | |