

### Learning Journal - 1

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**Course:** SOEN 6841 Software Project Management

**Journal URL:** <https://github.com/Sriluharshini/SOEN-6841-SPM>

**Dates Range of activities:** 9 September 2024 to 16 September 2024

**Date of the journal:** 21 September 2024

Key Concepts Learned:	Application in Real Projects:	Peer Interactions:	Challenges Faced:	Personal development activities:	Goals for the Next Week:
From the chapters discussed, I gained insights into software project management fundamentals, including project phases and the integration of resources and processes.	From my experience as a backend developer, the knowledge gained on task breakdown and estimation techniques like FPA can enhance my contribution to project planning in future.	During this week, we formed into the group discussing about our experiences in the field.	During the preparation of project charter, at first, I was unable to clearly distinguish between project scope and objective.	The activity that I undertook for my own professional development is the creation of an accurate project charters for a few projects that I have already done.	My learning goal for the upcoming weeks is to implement the SDLC project phases in the upcoming course project
Further, I also learned about task breakdown, effort estimation, calculation of UFP, and Function Point Analysis (FPA) for measuring software functionality, which helps improve cost and schedule estimates.	For instance, I can now offer more accurate estimates for backend tasks based on the complexity of data functions. These estimates help streamline coordination with UI developers and ensure better resource allocation.	As a group, we collaborated to break down an existing project into manageable tasks and created a detailed work breakdown structure (WBS)			Also, create a WBS, and provide project estimations like cost-based, experience based and FPA for the selected course project.