

Learning Journal 1

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Course: SOEN 6841: Software Project Management

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Dates Range of activities: 13th Jan, 2025 – 27th Jan, 2025

Date of the journal: 25th Jan, 2025

<div> <div></div> Week1(13-15 Jan) </div>	<div> <div></div> Week 2 (18-24 Jan) </div>	<div> <div></div> Next Week </div>	<div> <div></div> Personal Development </div>
Key Concepts Learned:	1. Software Project Management definition, Project Phases (Initiation, Planning, Monitoring & Control, Closure) terminologies (Manager, Project Manager, Scrum Master, Leader). 2. Project initiation, Terminologies: Charter, Scope, Objective (SMART objectives).		
	3. Effort and Cost Estimation techniques (Experience based (Delphi) and Algorithm based (COCOMO)). 4. Risk, Types of Risks (Technology, People, Organisational, Tools, Requirement, Estimations), Risk Reduction Techniques, exposure, risk control (Acceptance, avoidance, Risk transfer, Mitigation).		
Application in Real Projects:	1. Clear difference between the Manager, Project Manager, Leader and Scrum Master would be used to ask relevant question to relevant person in the work setting. 2. SMART objectives can be used in work setting to ensure team's and stakeholder's alignment to the project.		
	3. Could use initial effort and cost estimation technique to get the hint to resources to be used for a project. 4. Risk Reduction Leverage is a really good tool to see if the risk strategy is applicable or not		
Peer Interactions:	1. Talked about the scope of the course		
	2. Formed groups for topic and group projects		
Challenges Faced:	No challenges faced in week1		
	1. Chapter3 Effort and Cost Estimation required too much attention and presentation slides could be made a bit simple. 2. Understanding the differences between estimation techniques like Function Point Analysis and Delphi Method was initially confusing. I spent additional time reviewing examples to clarify their applications.		

Personal development activities:	<ol style="list-style-type: none"> 1. Watched a youtube video to better understand the application of COCOMO model. 2. Got to know more estimation techniques: Analogous estimation, Parametric estimation, Three-point estimation, Bottom-up estimation.
Goals for the Next Week:	<ol style="list-style-type: none"> 1. Work on mastering cost estimation techniques 2. Collaborate more actively with peers to gain diverse perspective on risk identification and mitigation strategies.
Study Method:	<ol style="list-style-type: none"> 1. Referring provided PPT 2. Search for more details on the topics not understood well 3. AlexSoft Blog
Time Management:	<ol style="list-style-type: none"> 1. Working part time with 3 subjects is difficult and also along with part time French classes leave me with handful of time to study. 2. Schedule (Monday, Wednesday, Thursday) – 8am-5pm work 3. Tuesday, Thursday – Filled with lectures of SPM and other course 4. Wednesday, Thursday, Friday – French classes (6-9) 5. Hence this semester asks a lot from me, and I have to go according to the schedule!