Learning Journal

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Course: [Software Project Management(SOEN 6841 W 2244)]

Journal URL: [https://github.com/Bailin-Xu/Class-6841/blob/main/Learning%20Journal1.docx]

Dates Range of activities: [0116-0128]

Date of the journal: [Last update on 28 Jan]

Key Concepts Learned:

Chapter1:
Software Project Management: The application of project management and software engineering principles to develop and maintain software products efficiently.

Differences between **Scrum Master** and **Project Manager**: A **Scrum Master** focuses on facilitating Agile processes, team collaboration, and removing obstacles in a Scrum framework, while a **Project Manager** oversees project scope, budget, timeline, and stakeholder communication to ensure successful project delivery.(since I used to be a project manager and don't even know what a scrum master is, this part appeals to me, so I remember it and can now distinguish these two terms.

Chapter2:

Project Initiation: The first and most critical phase where project feasibility, scope, objectives, and planning are established.

Project Charter: A document that formally authorizes the project, stating its goals, responsibilities, and business objectives.

Project Scope: Defines the boundaries of the project, including deliverables, quality expectations, and features.

Project Objectives: Clear, measurable goals that determine project success or failure.

SMART principle:
S – Specific: The goal should be clear, well-defined, and unambiguous.
M – Measurable: It should include quantifiable indicators to track progress and success.
A – Achievable: The goal should be realistic and within reach, given the resources and constraints.
R – Relevant: It must align with broader objectives, ensuring its importance and impact.
T – Time-bound: There should be a clear deadline or timeframe for achieving the goal.

Application in Real Projects:	Peer Interactions:	Challenges Faced:	Personal development activities:	Goals for the Next Week:
Understand what exactly covered in a software project and what to do, how many steps are there in software project management	Our team was formed on January 23, and our main communication takes place in a Discord group.	Time limitation for a new group.	Reading materials covered in books related to the lecture.	Finish the poster and planning the presentation
Understand what to do when playing different roles in a project	Selecting potential subjects based on our strengths and interests, and expressing opinions after in-depth discussions.	How to view collaboration more objectively	Do some search and learning about our topic analysis	Keep on reading textbook
Use the The **SMART principle** ensures that goals are **clear, measurable, achievable, relevant, and time-bound**, improving focus, accountability, and tracking while preventing vague objectives. 🚀			Take part in group discussion	Enhance communication efficiency in our group