**Learning Journal**

**Student Name:** [Bailin Xu]

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

**Journal URL:** [Insert Publicly-accessible Cloud Service URL]

**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 |