**Learning Journal Template**

**Student Name:** Piyush Gupta

**Course:** Software Project Management **SOEN 6841**

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

**Dates Rage of activities:** 09/09/2024-20/09/2024

**Date of the journal:** 21/09/2024

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| --- | --- | --- | --- | --- | --- |
| **Key Concepts Learned:** | **Application in Real Projects:** | **Peer Interactions:** | **Challenges Faced:** | **Personal development activities:** | **Goals for the Next Week:** |
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| This week’s main concepts delves around **Software project management** and various stages under it. From project initiation with **Charter** to **planning**, **monitoring**, **control** and finally **closure** it discusses the entire **project** **lifecycle**. | This week’s learning focused greatly on practical frameworks like working with the **SMART Objective** methodologies as well as the **algorithmic cost** modeling COCOMO for timelines. | Discussing about the **SMART Framework objectives** with my project team, we discussed on how important it is to **theoretically set up goals which is practically achievable** in project. | While studying FPA, I found that figuring out the types and **processing the complexities** was a bit difficult for me and needs further clarification with examples. | For having a deeper understanding of project management processes I undertook the **Certified Associate in Project Management(CAPM) certification** that includes knowledge on predictive **project management, agile principles and business analysis**. | I will be moving forward with my **CAPM course** as well as revise this week’s concept with more clarifications and **case studies reviews**. |
| Further moving ahead it clarifies **SMART framework** with effort and cost estimates. It then speaks about popular models like **COCOMO**, **FPA** and **Delphi** to estimate software development effort. | The benefits of it would be **better project alignment with the stakeholders** and **improved planning and resources.** Challenges could be unrealistic scope or goals further in the project stages. | While discussing the **Delphi** method, we discussed insights on **timeline and resource of any software project.** We were able to think of various **factors and perspectives** governing it. | With the **SMART Framework**, I found difficulties in applying it to **huge complex project with changing timelines** or with changing project goals and scope. |  | Move on to the **next chapters of software project management** and carry on with the software lifecycle process learning. |

Final Journal............................

**Final Reflections:**

**Overall Course Impact:**

The course has helped me get **essential learning on the concept and components of software project management in the industry**. Key insights like the **project charter, scope and goals** using various techniques and models have helped me understand the structure of management.

**Application in Professional Life:**

In my professional life, there will be a lot of help while managing a project. For example, I will be able to **apply the SMART Framework and other techniques like COCOMO, FPA and Delphi** for accurate effort and cost estimation and enhanced planning.

**Peer Collaboration Insights:**

Collaborating with my classmates and project team members in this subject has helped me understand various **perks of project management and gain significant knowledge** related to it.

**Personal Growth:**

As and when I started learning this subject, I see a **growth in my thinking abilities** and I evaluate things more better now. Seeing myself as a project manager in some point in future, I wish to have my **best insights through this subject**.