**Learning Journal Template**

**Student Name: Rupal Kapoor**

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

**Journal URL:** https://github.com/Rupal27/SOEN6841

**Dates Rage of activities:** 05/03/2024-14/03/2024

**Date of the journal:** 16/03/2024

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key Concepts Learned:** | **Application in Real Projects:** | **Peer Interactions:** | **Challenges Faced:** | **Personal development activities:** | **Goals for the Next Week:** |
| It was good to learn about **earned value management,** which best tool to measure both schedule and budget progress for any project as well as for project tasks. I also understood how **quality** is controlled.  The essence of **earned value analysis** stood out to me as it evaluates the projects progress by merging the cost and time constraints together. | Identifying the consequences of **deviation** from normal flow and acting on it to **control** and **monitor**.  We were able to re-plan certain activities in our APP project when one of our teammates backed out last minute by revising the original plan in the light of current situation. | We heavily discussed how **performance indicators** are used to measure performance of project execution in comparison to its baseline project plan. | As part of **program management,** it was difficult to understand how to choose between the **method of correcting any deviation (delay)** in project work. Whether to use any **slack** available in the project schedule or use **resource leveling** to prevent the deviation. | I read the article <https://www.float.com/resources/resource-leveling> , which delves into how resource leveling helps prevent resource limitations from derailing your project by adjusting activities' start and end dates. I could observe a resource leveling scenario where a project requires two developers, but only one is available. To manage this, tasks can be split or the project duration extended to accommodate the resource constraint. | I would like to explore the benefits of resource levelling. How implementing resource leveling helps prevent resource over-allocation, ensures a manageable workload for team members, and maintains project schedules within the constraints of available resources. |
| Understanding the importance of **source control management** means and its **purpose** helped me towards project closure made me realise how important it is to keep it up to date. | We used the technique of using **project closure** using the **iterative model.** We did this by including the features with **high demand** but requiring lesser effort, **first** in the iteration. | We discussed how **proper planning** for **resource release** is critical. It leads to effective management of resources, **prevents unnecessary costs** of any licence’s software. | The biggest challenge that is faced is the documents are not being **updated with the changes in code**, which results in shipping wrong documentation to the customer. So, it becomes a challenge to ensure that the **correct version of the source code** along with the documentation is shipped to the customer. | Additionally, I dived deep into this blog <https://www.projectmanager.com/blog/project-closure> , which further provides insights on a seven-step process to ensure thorough project closure, including obtaining stakeholder approvals, finalizing documentation, and releasing project resources. | I would like to focus on how a project manager is able to manage **the closure of a project**. To ensure all project documentation is finalized and approved by stakeholders. This includes closing contracts with internal partners or vendors. |

**Final Reflections:**

**Overall Course Impact:**

A major takeaway from this course has been the importance of earned value management in tracking project progress. Understanding **how cost and time constraints** merge to assess project performance has been particularly insightful. Additionally, learning about source control management has highlighted how crucial it is to **maintain up-to-date documentation** to ensure project **success**.

**Application in Professional Life:**

The ability to identify deviations from the original project plan and take corrective action has been highly valuable. This course also reinforced the significance of proper **resource release planning**, which helps prevent unnecessary costs associated with licensing or hardware expenses.

**Peer Collaboration Insights:**

Team discussions emphasized the role of performance indicators in evaluating project execution. Through collaborative efforts, it became evident that shared knowledge enables effective **project monitoring and adaptation**, especially when unforeseen challenges arise.

**Personal Growth:**

This course has enhanced my ability to make informed decisions by analyzing project risks and selecting appropriate corrective measures. It has also strengthened my understanding **of resource leveling** and how it ensures a balanced workload**, maintaining project schedules** within available resource constraints.