**Learning Journal Template**

**Student Name:** Mihir Rameshbhai Gediya

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

**Journal URL: TODO**

**Week 1:** 09/09/2024 – 09/13/2024

**Date of the journal:** 09/14/2024

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| **Key Concepts Learned:** | * Learned about Project initiation tasks and software life cycles. * Learned new words **“Project Charter**” that authorizes project document **and “Project Scope”** that defines project boundaries. |
| **Applications in Real Projects** | * Understanding the waterfall model can enhance planning and execution in software projects. * Applying relevant metrics helps in tracking project performance effectively. * **Challenges:** Tried to plan my future project **“Graph Algorithm Visualizer”** according the Project management models and life cycles. |
| **Peer Interactions** | * Connected with peers for the group and learned about their available times, work strengths and working styles for the course project. * Took part in group discussion which helped me to clears my misconception of waterfall model. * **Challenges:** Collaborated on understanding software lifecycle processes, which clarified my approach to my personal project. |
| **Challenges Faced** | * Struggled to understand the software project life cycles at first, but interaction with my peers helped me through it. * Connecting with all my team-members according their time and got to know about them was a bit struggling. |
| **Personal Development Activities** | * Read a few blogs on project management strategies, which enhanced my understanding. * Connecting with few seniors, who are placed in good companies, and got to know how their companies planning the projects and distributing the work among the employees. |
| **Goals for the Next Weekend** | * For the upcoming week, I will read chapter 2 from the book and will learn about the concepts from it. * Focus on deepening knowledge of project monitoring and control techniques. * **Challenges:** I will learn more about different graph algorithms and visualizer techniques. Moreover, I will start with **Project Initiation tasks**. |

**Week 2:** 09/16/2024 – 09/20/2024

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

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| **Key Concepts Learned:** | * Projects are initiated similarly across various fields, involving project charters and scope. * Learned more about project initiation as we dove deeper into Project charter, project goals and project scope. * Learned about the **SMART** criteria for effective objective setting. |
| **Applications in Real Projects** | * Developing a detailed project scope is crucial for defining software functionalities and quality. * Allocating specific goals to team members aids in achieving overall project objectives. * **Challenges:** After thorough research about effort cost, I decided technologies which will I use in my personal project “Graph Algorithm visualizer”. |
| **Peer Interactions** | * Discussed class project definitions with peers, and decided the class project definition. * Engaged in peer reviews of project charters to ensure alignment with project objectives. * **Challenges:** Talked with few other students to help finalising my personal project goals. |
| **Challenges Faced** | * Encountered difficulties in estimating project budgets accurately based on initial requirements. * Needed further clarity on how to make best structure for project objectives and goals. * **Challenges** : Faced challenges in breaking down the complex algorithms into manageable tasks for the visualizer project. |
| **Personal Development Activities** | * Further read about project management life cycles, and came to know about **Agile Methodolgies**. * Reviewed case studies on successful project initiation to enhance understanding. |
| **Goals for the Next Weekend** | * Read chapter 3 from the book and start working on class project to avoid last-time work. * Explore risk management strategies and how they can be applied to current and future project. * Learn more about agile methods. * **Challenges:** Aim to refine project schedules for the **Graph Algorithm Visualizer**. |