**Learning Journal 1**

**Student Name:** Weichen Wan

**Course:** Software Project Management

**Dates Rage of activities:** Sept. 10th- Sept.21st.

**Date of the journal:** Sept. 19th.

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| **Key Concepts Learned:** | **Application in Real Projects:** | **Peer Interactions:** | **Challenges Faced:** | **Personal development activities:** | **Goals for the Next Week:** |
| Summarize the main concepts covered in this week's sessions.  Include any new terms, methodologies, or frameworks introduced. | Reflect on how the week's learnings could be applied to real-world projects.  Consider any potential challenges and benefits of implementing these concepts. | Describe any notable interactions with peers during the week.  Share insights gained through discussions or collaborative activities. | Identify any challenges encountered while studying this week.  Note specific areas that need further clarification or additional effort. | Mention any activity you undertook for your own professional development | Set specific learning goals for the upcoming week.  Consider areas where you want to focus for deeper understanding. |
| Project phases (project initialization, project planning, project monitoring& Control, project closure), tasks of different phases, project metric | In most software project, you most likely have these phases, and it is helpful to understand these concepts. | We are starting to build teams for different course and course projects, which kind or reflects the knowledge about project initialization | Although these are very basic concepts in software project, since I don’t have much work experience, I mostly have school projects and some of these processes are ignored in these projects. | Try to adopt these techniques in real projects for different phases, especially for initialization of projects I have this semester. | Focus on further applying these techniques in project initialization, especially for planning part and documentation. |
| Project charter, scope and objectives | In real project, it is necessary to initialize the project based on the need of the stakeholder. It’s important to make them accurate. | I discussed about the differences between charter, scope and objectives with peers | Understand the differences between these concepts while doing the exercise in class since they are used together sometimes | Have abetter understanding of them so I can write more accurate project charter. | Creating more detailed and accurate project initialization document for the following two course project. |
| Estimation techniques, FPA(function point analysis), COCOMO | Estimation techniques can be helpful throughout the whole project cycle for planning, knowing the progress and updates accordingly. | Discussed the actual usage of estimation techniques in course and real-world projects. | For school projects, the estimation techniques are hardly used unless required by in the project requirements. I believe one of the reasons is that we do not have much data to use for making estimation. Therefore, I still don’t have much experience and practice of different estimation techniques. | Have practices of both FPA and COCOMO and get familiar to calculations. | Try to do more practice about estimation techniques and try to find some real-world project data and for using estimation techniques. |