

Learning Journal 1

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Course : SOEN-6841 : Software Project Management

Journal URL : https://github.com/PrashantPawar30/SOEN-6841_LearningJournals

Week 1 : September 15 to September 21, 2024

Date : September 21, 2024

Key Concepts Learned :

In the previous week we discussed some **introductory and fundamental concepts** in Software Project Management including different **processes** (Initialization, planning, monitoring and control, closure) and **sub-processes** involved in the Software project, how **integration** of the projects entities like people, technology and tools is done, roles and duties of the **project manager**. Along with this, we have discussed what is **Project charter, Scope, and the Objectives**.

In this week, we discussed and we performed an **in-class activity** where we were asked to **create a project charter** for our chosen project topic which mainly included the project scope, Objectives, Deliverables.

After the activity, we discussed about the **effort estimation** for a project and its **different techniques** (Experience-based and algorithmic cost modelling), **cost estimation** and its **different techniques**. A **COCOMO model** which stands for Constructive Cost Model, it is based upon project experience. It uses sub-models like **Application Composition model, Early design model, reuse model, post-architecture model** and also uses information from **LOC** (lines of code).

Application in Real Projects :

The concepts we covered in both weeks 1 and 2, gave me important knowledge and the information needed to start with the project. Documentation for the project, project manager, project components and their integration with the project, proper cost and effort estimation **this concepts highlight the important factors of the successful project**. Keeping all this in mind, I want to move forward with our project with the team while making sure this information implemented in the project.

Peer Interactions :

This week I had interactions with fellow classmates about the project team formation, once we formed a team, we immediately started discussing about the project topic and its objectives as discussing objectives might give us some better thoughts while choosing the topic. After talking about few topics related to health, food industry, and education, we decided to move forward with the **health and wellness app**.

Challenges Faced :

While choosing project topic over others was a little bit confusing but as we were

discussing in a team and according to everyone, **discussing about the Project Objectives actually helped us to select the one topic.** Also the topics learned in class were basics and not too difficult to understand, still I went through the ppt's provided and read about few things on the internet which gave me even more explanation.

Personal Development Activities :

Except the courses in universities, for improving myself I usually watch online courses on Udemy. Currently I am learning about Python, Angular.

Goals for the Next Week :

- Read about the topics covered in class.
- More research about the project.
- I will try to give more time for improving my skills.