

Learning Journal Template

Student Name: ABHI PATEL

Course: Master of Engineering Software Engineering

Journal URL:

<https://docs.google.com/document/d/1pBtS-H7GEhHazj7p-p1PKAns6oJYt8EqtnX7nTIMV9w/edit?usp=sharing>

Week 1: 18 Jan - 14 Jan

Date: 24 Jan

Key Concepts Learned:

CH#1

Characteristics Of a Project: Different factors are used to measure the time and cost of an overall project.

Project Management Introduction: (Resources, Time, and Budget)

Project Phases: (Initiation, Planning, Monitoring + Control and Closure)

SDLC: (Requirement Analysis[SRS], Designing, Developing, Testing, Deployment, Maintenance)

Project Initiation Tasks: (Schedule, Charter, Scope, Objective, Effort Estimates, Cost Estimates)

Project Development Initiation Task: (Market Analysis, Development Cost Estimate, Features, Channels, Delivery Methods, and Product or Service)
Waterfall Model

Metrics Characteristics: (Relevant, Meaningful, Practical, Activity Level, Calibration)

CH#2

Project Charter: Organised by the top level of an organization, Decide the timeline and the human resources.

Project Scope: It's the boundaries for a project. Also, define levels of quality and Function points.

Project Objectives: It provides customer satisfaction, and tries to achieve it to 99.5% from 92%.

Effort Estimate and Cost Estimate: Measuring human resources concerning time.

Roles of Customer, Expert, and Service Provider

The objective should be smart: **Specific, Measurable, Achievable, Relevant, and constrained**

Application in Real Projects

#Project Initiation:

From my learning, initiating a project is a crucial prerequisite, encompassing vital aspects like setting clear objectives, defining scope, managing resources and budgets, and addressing risks. This phase is pivotal for understanding project goals precisely, allocating resources effectively, establishing task timelines, and creating a project charter, all contributing to successful project initiation.

#Resources Distribution:

One of the most important things is resource distribution in a crowd, and selecting how many human resources will be taken to complete a particular task. Finally, the budget can be estimated accurately.

Peer Interactions

I recently engaged in discussions with students currently enrolled in the fall 2023 semester, and it became apparent that Software Project Management holds significant importance across almost all fields. The subject plays a crucial role in cultivating a comprehensive grasp of fundamental project concepts. Moreover, it was emphasized that studying project management early on in the first semester is of utmost importance, as it equips students with essential terminologies and characteristics that can be applied in forthcoming projects.

Challenges Faced

#1

I faced many difficulties while thinking logically about various project areas and identifying any challenges encountered while studying this week. Also, needed clarification with a few similar terms.

#2

Moreover, I faced little problems while understanding the difference between those terminologies which are almost similar.

Personal Development Activities

#For Study

As a fresh student, trying to gain a learning methods by reading about the various chapters involved in a subject, I found it'll be really helpful to memorize things that are going on in the class. Start using the library for various purposes.

I found group discussion will be a great step for me as it allows me to gain knowledge from different mindsets and perspectives. Through this, I can improve myself in different areas.

#For Mental and Physical

As an international student, it's tough to manage time and work, to solve these problems I made a few good decisions, and changed a few habits to get used to weather and timing. Commenced practicing meditation and initiated gym sessions to enhance mindfulness and promote an active lifestyle.

Goals for the Next Week

#Study Perspective

Planning to cover CH#3, CH#4, and CH#5 too, if possible.

In detail, will look into different objectives which will be covered in chapters 3 and 4. Will note down the points which I found tough to understand, and will go through them by using different resources. Then I will keep my eye on Chapter 5 but depends on a timeline and task distribution.

#Project Perspective

We found GD will be the best solution for the project and their points. Therefore We have scheduled a time-line for group discussion. Task distribution in 2 separate groups of 2 members.