



SOEN 6841 D 2232: Learning Journal

Project Topic: Learning Journal entries about the “Software Project Management” course.

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1. Journal Entries:

The table of journal entries will have the following structure where:

Date: Record the date of the entry.

Topic/Theme: Specify the focus or theme for the entry.

Content: it will include personal notes, observations, and thoughts.

Reflection: it will state how the content relates to course material and it will include any personal insights or questions that arise.

Date	Topic/Theme	Content	Reflection
September 11 th , 2023	Introduction to Software Project Management. Software Engineering Code of Ethics	<p>In this session, quite fundamental concepts are addressed for the course related to project management and software project management. I think it is important to understand the similarities and differences between both concepts.</p> <p>Many of the concepts provided about project, software, project management, software project management, software engineering management come from important organizations such as: ISO, IEC, and IEEE.</p> <p>Software engineering management seeks to put software engineering into operation, and just as all project management consists of applying planning, coordination, measurement, monitoring, control and reporting activities to ensure the development and</p>	<p>I believe that the content of the reading in this session is very related to the software project management course because it provides the fundamental basis of knowledge to differentiate what project management is from software project management, being important to highlight that software project management Software is a type of project management focused on software development.</p> <p>Something to highlight in this section is that those organizations and/or groups that support the management of software projects such as IEEE, IBA, IPMA, ISO/IEC, PMI are made known, as well as the bodies of knowledge in project management of software, highlighting among them SWEBOK.</p> <p>Professionals working in the area of software engineering are not excluded from following 8 fundamental principles according to the code of ethics created by ACM and the IEEE Computer Society</p>

		maintenance of software.	
September 18 th , 2023	Introduction to Software Project Assessment	<p>Software project assessment is a subarea of knowledge in the software engineering body of knowledge (SWEBOK) which gives us insight into the status of the software project, whether it is a successful, challenged, or failed project.</p> <p>One of the examples of the causes of failure of a project that caught my attention the most is that cited by Jiang Li and Armin Eberlein where it is indicated that the cause is not the software methodology but the development team that chose an inappropriate development methodology. .</p>	<p>The content of this lecture is closely related to the software project management course. This session addresses the topic of reviewing and evaluating the status of the software project from the delivery perspective. It is important to understand if the product requirements are being met. the project will be considered successful to the extent that both the product meets the success criteria and within an acceptable range.</p> <p>A personal vision and I could say that one of the most important is to understand that learning not only comes from successful projects but also from those projects that failed and that give us the guide to know what not to do, it is also important to understand the difference between the failure of the software project and the failure of the software, the software will be the product resulting from the management of the software project.</p>
September 25 th , 2023	Introduction to Stakeholder management	<p>This lecture provides basic definitions of what a stakeholder is in project management and highlights the relationship between stakeholders and software requirements. There is a fundamental reason to analyze and classify stakeholders and that is that each of them has a great influence on the software project.</p> <p>As noted by Turner and Boehm, software is developed and used by people and must</p>	<p>The content of this lecture is closely related to the software project management course because the identification and classification of Stakeholder has a great impact and influence on the software project, the reasons are many, some of them such as: understanding the people involved in collaboration, understand the purpose of the software project, understand the scope of the software project and understand the value of the software project, I think that even using common sense we can come to the conclusion that the software product will be used by people and should be able to interact with people.</p>

		support interaction between people [Turner, Boehm, 2003], therefore it is important to understand human characteristics, behavior, and stakeholder cooperation to develop software.	
October 2nd, 2023	Introduction to Software Project Cost Estimation	<p>This lecture provides definition of the concept of estimating and estimating vs. target, it also confirms that the cost of developing a software system is an integral part of managing the software plan as noted by Kendrick and Ahmed [Kendrick, 2011; Ahmed, 2012, Chapter 3].</p> <p>Cost estimation cannot be ignored, it is very important and can affect the result of the software project due to causes such as inappropriate allocation of resources, therefore the reasons for doing it are many: feasibility study, budgeting, risk analysis etc.</p>	<p>The content of the lecture is directly related to the software project management course because in every project the costs of its implementation must be estimated and if this is not done, there may be repercussions that impact the result of the project.</p> <p>The better the quality of the estimate, the better it will allow project leadership to make good decisions about project control to achieve its results, increasing the chances of achieving a successful project.</p>
October 16th, 2023	Posterathon presentation	<p>The analysis and interpretation of case study #9: Government Case: Maintenance Shop in Turmoil was undoubtedly very gratifying as it provided a clear example of a real case where challenges and</p>	<p>This is a real case very similar to the cases that happen today in companies where the challenge is given to a small-scale project team to complete a large-scale project without having had previous experience at that scale level and without having all the necessary resources available, however, having the support of senior management regarding the budget and resources, the project</p>

		<p>potential risks were presented that had to be solved. The procedure to solve it was to first understand the problem, define the scope of the project, establish the process, change the focus of the work and hire the team of trained people required to successfully carry out the project.</p>	<p>management team can focus on finding measures that allow the project requirements to be met, such as increasing the personnel in the processes group, have co-located offices, have the support of an external firm to hire personnel, however there are other requirements that are not under the control of senior management but that can be worked on with persuasion and negotiation skills since they depend on other areas such as accelerating the personnel hiring process or accelerate the process of acquiring licenses and purchasing equipment.</p>
October 30th, 2023	Introduction to Software Project Teams	<p>This lecture explains the definition of what a team means in software project management and the importance it has in the success of a software project. The division that is made is highlighted, indicating that there is an organism factor and a mechanism factor in where the organism factor, the reading focuses on the human factor and the reasons why a good team should be formed, such as division and specialization.</p>	<p>This lecture is closely related to the software project management course and is mainly focused on the formation of teams for the development of the project, the characteristics that these cross-functional teams must meet in agile methodologies and devops, such as gender diversity, the size of the team, team classifications, assignments of responsibilities and team personalities. It is important to understand the human factor of the team, the characteristics of the team from points of view such as Holism or goal, one of the common errors of failure of a software project is due to the inability of the team to work well as a team, not all people have the same ability to adapt and work as a team, especially if there are teams that must collaborate with other teams.</p>
November 6 th , 2023	Introduction to Software Risk Management	<p>This lecture made me understand what risk is and how it is inherent to each software project and the reasons why we must understand and analyze risks in the management of software projects. Inadequate risk management leads to failures in the</p>	

		software project. software. Two phrases cited by the author C.R. Pandian indicate that an organization that does not see risks is blind, an organization that does not respond to risks is dead.	
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