

Learning Journal Template

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Course: SOEN 6841 Software Project Management

Journal URL: https://github.com/BhartiChh/SOEN-6481_software-project-management

Dates Range of activities: 22 September,2024 - 5 October,2024

Date of the journal: 5 October, 2024

Key Concepts Learned:	Application in Real Projects:	Peer Interactions:	Challenges Faced:	Personal development activities:	Goals for the Next Week:
<p>The primary topics covered in Chapter 4 were risk management and risks, such as resource shortages and service interruptions. It is suggested that risk management procedures should always be started at beginning of project, giving importance of risk management. Likelihood of incident plus its unfavorable outcome are 2 components that make up risk. Software project may be subject to different risks that can impact Project quality and production pace. 3 primary components (Risk identification, Risk Evaluation, Setting Risk Priorities) make up risk assessment, which can be carried out at start of a project's development and re-evaluated at the start of each iteration. Project risks are classified and primary categories of risks include Technology, People. Main categories of software risks are Time, quality, budget, technology, and resource risks. Then, main reasons of risks, includes bad management. Quantitative measures product of impact and probability, while qualitative measures the chance of occurrence and the impact of each risk item on the project, product, and business on scale (Low to High). Last part is Risk Prioritization. For priority of each risk item in a quantitative model, 2 values of likelihood and impact are combined. Planning, resolution and monitoring risks are part of risk control.</p>	<p>Analyzed the open source projects and its documentation where they not only documented the risk categorize, but also calculate and prioritized the risks and planned the releases accordingly. The risks reduction leverage technique is seen widely used I almost all the projects for the releases to handle the risk</p>	<p>In class, we all discussed about the risks that we can encounter in our respected projects and then evaluated the risks too. Based on the evaluation we further aligned the priorities to handle these discussed risks. We also discussed about the risks that open source projects have and</p>	<p>I found it little challenging to understand which technique is best suited to resolve risks that we may encounter during our projects as different people have different understanding, and could evaluated differently as per the likelihood. The criteria to set likelihood needs to be defined properly so that all can conclude to same</p>	<p>This week learning helped me a lot to gain insights about how risks are classified. Also, gave me broader understanding of to evaluate the risks. So, I am going to apply all this in my project so I can get exposure how to handle real-time projects too. I will apply compare my applicati</p>	<p>Intending to read chapters 6, removing any uncertainty from those sections, as well as for this week. We also got project work ,so will work on project work with the teammates by making sure to apply all my learnings so far from chapter 1 to 5 in the project activities. I'll have time to go over every chapter</p>

<p>We have AARM (Acceptance - Avoidance - Risk transfer - Mitigation) methodologies in risk planning. Acceptance means there has been no decision to alter project plan in order to address risk or that no other appropriate response approach has been identified. Changing project plan to remove condition's risk, save project's goals and objectives from its effects is avoidance. Transference entails giving ownership of risk response as well as the result of risk to 3rd party. Risk that is transferred to another party is entrusted with its management. Through mitigation, an adverse risk's likelihood and effects are brought down to a manageable level. Risk Reduction Leverage was described with mathematical formula. In waterfall paradigm, If end users' requirements were not taken correctly during software product's development, it would not be appropriate for them. In chapter 5, Configuration Management was covered in detail with definition, Purpose, Sources of Changes and Benefits of it to a Project. Not only this, Characteristics (secure, centralized) of it were also discussed in detail. Impact Analysis Report Template was also shown to understand key details to be filled. Later, 4 Key Functions (Change Identification, Change Control, Status Accounting, Configuration Auditing) of CM were also discussed. Under Change control, elements of Change Control Process were emphasized along with flow of change request. Functions of Status Accounting along with functions of Configuration Auditing were also discussed. Lastly, there were discussion done on elements of a change control policy.</p>	<p>impacts. Furthermore the configuration management also play a very vital role in handling multiple changing requests of project. The managing of changing requests seem to be critical aspect for smooth functionality of software projects.</p>	<p>their maintenance and reporting is done on GIT, to get the idea when, by whom the issue is raised in any coding that lead to code bugs and making any software non-reliable. Group discussion were beneficial to understand the concepts clearly.</p>	<p>point for its probability. Also managing changes in software that could lead to new versions in any project is also complex and need thorough understanding. I am trying to get myself familiarize how to manage the changes in software to maintain its version with ease. I also invested around 2 hrs a day to see the youtube videos that people shared for having good skills to manage dynamic projects.</p>	<p>ons with other projects too so I can get the idea of correct approach to use further in projects. I will also read the articles on how projects are using change control. Not only the above said activities, but also I will prepare notes that will help me a lot in my exams. Practicing with complex problem helped me to tackle situations confidently.</p>	<p>again in preparation for the upcoming midterm tests. Will start preparing notes that will be helpful during exam time. 1 hr note preparation would be helpful to note down the critical key points for exams.</p>
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