The importance and trending of IT-porject Management

An overview on 2nd industrial talk series topic

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The talk covered the importance of identifying key aspects of a project including time, cost quality and scope and applying scientifically proven methods such as the PRINCE2 principle in order to both evaluate current project capability in a company and achieve project goals with optimized use of resource management.

I. INTRODUCTION

The title for this talk was the importance and trending of IT project management and was conducted on the 1st of December 2020. The speaker was Mr. MOHD KHAIRUL REEZA RUSKAN, the head of project management office at commerce Dot Com Sdn Bhd under the moderation of Dr.GOH EG SU a senior lecturer from the school of computing at University of Technology Malaysia.

II. IT PROJECT MANAGEMENT

A. The importance of IT project Management

Project management plays a vital role in our daily lives and is not just bound to the single aspect of Information technology. It covers a wider concept that can be applied to enhance our management skills across multiple aspects in life. Project management is based on the combination of obtained knowledge and applying skills learnt through experience by utilizing tools that allow for this combination to be translated into effective achievement of a project set of requirements.

B. Trending of IT project management

Some of the trending aspects in project management are the Gig economy which essentially is the prevalence of short-term contracts instead of the usual permanent jobs. This is due to a shift in industry in an attempt to control costs. Another trending aspect is the concept of change management. This is related to the steps required for staff to be trained and ready to utilize a new system that is being deployed. Emotional intelligence is extremely important to be able to progress in the field. This comes hand in hand with high IQ which is needed to effectively solve work related problems.

Method modeling is another element that relates to the application of different development methods within a project such as waterfall and agile methodologies which aim to enhance the output from work done while aiming to reduce the costs associated with a project.

Advanced tools play an essential role to be able to maintain control over the phases in a project that are related to the scheduling and time control.
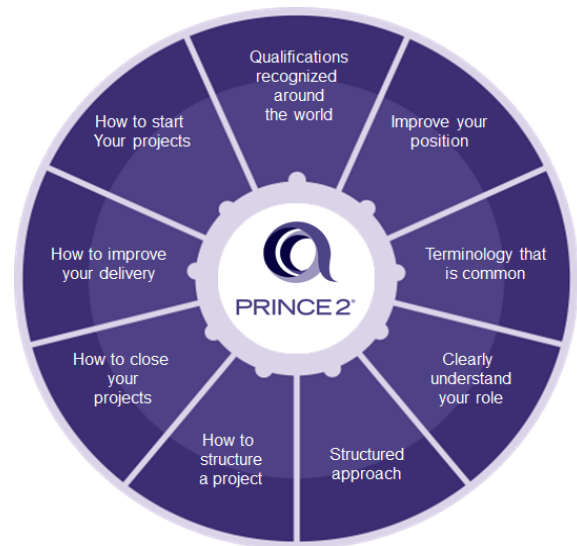

Fig. 1. The PRINCE2 elements.

The figure above demonstrates the elements that make up the PRINCE2 principle which is utilized in the management aspect of Information technology projects. It's worth noting that this concept is not suitable for all projects and therefor requires proper analysis before implementing it.it also supports partial

III. RELEVANT IT CAREERS

Career wise the main job that was discussed is the role of a project manager. Prospect wise it was made clear by the speaker that it still depends on the candidate. Hard work combined with determination and be able to provide guidance to his team while maintaining a complete understanding over the project from the moment it starts till it hits production. The range of salary for a project manager range from RM 7k to five figure numbers with the possibility to even go higher.

IV. REFLECTIONS

My main goal in this course is to obtain essential knowledge which is related to the field of Technology and

Information systems. The talk made me understand that the concepts learnt about project management can be utilized to improve myself as a person and not just in work related activities. To be able to improve myself in the industry I have to acquire more understanding in terms of different methodologies such as Agile and waterfall methods to be to effectively apply them towards achieving my goal of getting into management roles.

I found the analogy used to explain concepts legitimately interesting given the fact the author used examples that are relevant to university students which resulted in the concept being easier to be grasped and understood. The fact that he compared the process of obtaining a degree and graduating as a project made it relatively perceived well given that it contains all the elements that would classify an activity as a project.

Here is an example, the process of obtaining a degree requires time, has a relative starting and ending date and contains risk in the form of failing and or dropping out. Finally, the reward element is present in the form of obtaining a degree that would facilitate obtaining a career.

The talk covered great dimensions to the management aspect such as EQ, which stands for emotional intelligence and the importance of proper planning for sufficient training. Other aspects such as Artificial intelligence and the career trends were discussed as well. Overall, the talk felt close to heart given the fact it was coming from an individual who understood what goes through a student's mind.

utilization. This means using parts of the elements rather than having to deploy all aspects of the concept.

According to Zeiad Wael, his dream as a kid was about becoming a programmer since he thought he can have the ability to make anything come true using a computer. Therefor his aim from this course and the reason he liked the talk is because it motivated him to focus on making a fortune by applying the skills he is learning.

Another point from the talk is that an individual needs to understand and accept that they might have weaknesses and work on addressing them.

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