The Importance and Trending of IT Project Management

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Abstract - **A programme is a collection of projects that are similar or interrelated, mostly managed and organized as a group, rather than separately. A portfolio is a category within the same organization with distinct programs and/or projects that may be related or unrelated to one another. A project consists of time, benefit, risk in financial and health, quality, costs, and scope boundary. The value of IT project management is difficult to overstate. Major IT projects are not just about installing a new instrument or upgrading an existing asset, they are about providing IT solutions that make companies more successful. In order to plan, test and develop a system that meets those needs, a good project manager needs to consider the needs of the customer and collaborate with all stakeholders. A list of principles and processes need to be followed as a guideline which makes you a good project manager.**

Keywords – project management, principles, project, process, trends, importance

I. INTRODUCTION

The talk is about The Importance and Trending of IT Project Management by Mr. Mohd Khairul Reeza Ruslan, Head of Project Management Office, Commerce Dot Com Sdn Bhd. According to him, project management is application of knowledge, skills, tools and techniques to project activities to meet the project requirements. Trends in IT project management often show that for many of these practitioners, remote work and security are top of mind. More investment is being spent worldwide in Information Technology (IT). According to Gartner, worldwide IT spending is expected to hit $3.9 trillion in 2020, meaning that the call for better IT project management is ringing more fervently than ever (Conn., 2020). A project is a temporary endeavor undertaken by a company or organization which have a start and end, unique which not a routine but specific activities to accomplish a product, has specific goal and usually have time or cost limit.

II. IT PROJECT MANAGEMENT

A. The Importance of IT Project Management

Project management is the application of knowledge, skills, tools and techniques to project activities to achieve the goals of the project. PRINCE2 is the methodology of the project management which has few principles to follow. IT project management nowadays play an important role in the era of technology development. Many professionals need the IT project management for remoting work and security. As the crisis of Covid-19, IT project management carries an even heavier role to manage more dynamics teams, resources and situations. IT project management also help to keep the project to be carried out under budget and ensure in the correctness of technology used as well as to secure more useful skills. Project management act as a strong boundary for the project to lead to the success of the project (Kelechi, 2020).

Figure 1: 7 Principles in PRINCE2.

B. Trending of IT Project Management

One of the trending of project management is on gig economy. Gig economy refers to a labour market which prevalence short-term contracts or freelance work as opposed to permanent jobs. Gig economy is more reliable on the Digital and Remote team and co-working arrangements. Besides that, the project management trends on BIG data which is a field that provides ways to analyse data and numbers. In any development project, BIG data is very important in decision making process which can understand customers needs and analyse the data for important perspective. On top of it, the trend of project management also on the Artificial Intelligence (AI). AI actually makes the project management more efficient and quicker as AI does not need explicit control of human to perform their task. In addition, project management also is trending to the change management which contributes to the project success. We need to adapt and adjust the processes, workflows and competencies. Furthermore, the trend of project management is method melding. Method melding is a way that combining the project management methodology, which we create our own unique methodology to make the project more likely to be succeed. Last but not least, project management also trending on tool and solution. For example, scheduling and time tracking, communication and collaboration, budgets and deadlines, progress tracking are used to manage the project. Lastly, Emotional Intelligence (EQ) also play a main role in project management. High EQ can actually increase the business value of the soft skills own by a project manager because emotion will impact the outcomes of the project.

III.   RELEVANT IT CAREERS

The examples careers that are relevant to IT are IT Project Manager, Software Developer, Cloud Computer Engineer, Web Developer, Graphic Designer, IT Analyst and Network Administrator.

IV.   REFLECTION

Our goal regard to the program is to learn detail information on technology and information system so that we can become a qualified graduate and successful employee in IT field. Besides that, we want to strengthen our leadership skills and soft skills through this program to achieve our personal dream. Some more, we want to gain more knowledge in design and development of software and hardware to solve problems. From this talk, we learned that we need to be passionate in every project to achieve what we aimed for, push ourselves to work hard for goals. Furthermore, we learned that have to well handle our emotions because when emotions take over the thinking process thus we cannot view the situation realistically and objection. Last but not the least, we also learned that we have settle down all of the project on time without procrastination in order to achieve our goal regarding the program. We should improve flexibility to manage multiple assignments at the same time and always ready to work under changing conditions, environment and management. Apart from that, we should enhance our self-confidence to overcome obstacles and gain energy to achieve goals. Furthermore, we should plan all the works before start to do it so that we can finish a work before meet the deadline.

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