

Industrial Talk Report: Importance Of IT Project Management And Trending of IT Project Management

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Abstract-The industry talk was held to instill the awareness regarding the importance of IT Project Management among the students. In addition, the students were also exposed to the newest trending of IT Project Management. After the industry talk, the students were aware of the importance of the IT Project management and its necessary skills to ensure the success of project. Moreover, the students learnt that the trending of IT project management nowadays as well as they were concerned that the industry had undergone a huge change in the working environment and the working culture.

I. INTRODUCTION

We were honour to have Encik Mohd Khairul Reeza Ruslan, the Head of Project Management Office Commerce Dot Com Sdn Bhd, who has a lot experience in handling IT projects, to give a industrial talk regarding The Importance of Trending of IT Project Management via Webex Online Platform, on 1st of December.

At the beginning of the talk, the students were introduced to the 6 characteristics of project management.



Figure 1: Characteristics of Project Management

Characteristics	Explanations
Time	Time is important in each project to ensure the project is on the right track all the time.
Cost	Cost can define as the time cost, the energy spent or the money spent for the project.
Benefit	Benefit is the result or the final goal of the project
Quality	Quality is the target of the project. Quality is the key to obtain the trust from the investors or customers
Scope	Scope is boundary of the project.

Risk	There are several risks in each project and it varies with the sectors
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Table 1: Characteristics of project management

Project management is the application of knowledge, skills, tools and technique to meet the project requirements. In every project management, it consists of 5 main steps which are initiating, planning, executing, monitoring and controlling, and closing activities. [1].The speaker shared the example of the project management, which are PRINCE 2.

PRINCE 2 is a project management methodology, founded in United Kingdom. PRINCE 2 consists of 7 principles, which are Continued Business Justification, Learn from Experience, Defined Roles and Responsibilities, Manage by Stage, Manage by Exception, Focus on Product and Tailoring to Suit The Project Management. The speaker also has mention for the project process, which is Starting Up, Initiation or Planning, Execution, Monitor and Control and Closing. However, the project process needs to be tailored according to the project to avoid unnecessary waste or loss. Different techniques need to implement according to the project to established the control of cost, time, quality and more [2].

II. IT PROJECT MANAGEMENT

A. The Importance of IT Project Management

The importance of IT Project management varies from the sector. In general, IT project management or project management promote a systematic and strategic management to the project team.[3] A failure of IT Project Management will give the impact to the characteristics of the IT Project Management. A good IT project management can prevent unnecessary loss and ensure that IT project meets the specific goals within the budgets and time given. IT project management is important to smooth the collaboration between the team members, which can avoid major chaos while carrying out the projects. A good IT project management can help the team to save money, energy and time. Moreover, the project team also manages to make a change to cope with the problems occurred if the IT project management is done.

B. Trending of IT Project Management

Trending of IT Project Management	Description
Shifting, Globalized, Gig Economy	The environment of industry changes from permanent jobs to freelance jobs. Most of the big company has practiced this method to avoid unnecessary loss and minimize the cost.
Automation And Artificial Intelligence	Artificial Intelligence and Automation help the user to calculate the best project to take on. It boosts the project by saving a lot of time and energy. For example, Google and Oracle are the companies which apply Automation and Artificial Intelligence to start up their project.
Greater Focus On Data (DATA)	Data helps us to gain understanding the needs of our customers. It can minimize the risks while completing the project. Hence, it can prevent loss.
Importance of Change Management to Project Success	The new generation needs to stay flexible to adapt the change by adjusting their processes, the workflows and competencies.
Method Melding	The new generation able to meld method according the situations. They can apply methods such as Agile, Waterfall, and Scrum to accomplish their project
Advanced Project Management Tools And Solutions	The new generation are required to have advanced project management such as project planning, and project tracking. Besides that, they are also need to balance the budget and stick to deadline to ensure the success of the project. On top of it, they also need to have a good communication and collaboration among their team members.
The Impact of Emotional Intelligence (EQ)	EQ is important because it helps the youngsters to get promoted in their interview. A good emotion management can prevent mistake or failure in project.

Table 2: Trendings of IT Project Management

III. RELEVANT IT CAREERS

1. IT project manager

IT project manager is responsible for planning, monitoring, organizing and smoothing the cooperation between the team members to obtain specific goals.

2. Software programmer

Software programmer is responsible for coding a program which is required or requested by the clients.

3. System Analyst

System Analyst is responsible to analyst a program and design a better solution to improve the program.

IV. REFLECTIONS

- Tee Ng Zikang (A20EC0161)

After attending the talk, I had learnt that the industry has undergone a speedy change whether it is in the working environment or the working culture. As a student, I aware that I should take initiate measure to cope with the challenges ahead. I will equip the necessary skills from the university as well as be prepared physically and mentally to overcome the challenging market in the future. In conclusion, I wish to have a chance to take part in a IT project in the future.

- Siti Nurnadiah Binti Ibrahim (A20EC0150)

After attending the talk, we gained a lot of knowledge, especially about the importance of the project and how to manage the project to get great grades. We were able to learn more about project management such as the principle of the project. Apart from this, we need to be able to control our emotions, especially during group projects as this can impact our results in order to get good results and the best impression to our friends. In the end, I also hope that I will able to conduct a IT project in the future.

- Muhammad Farouq Dhiyaulhaq (A20EC0319)

It was a meaningful talk given by our speaker, which had widen my view in the IT career and the trending nowadays. Hence, I had realized my weakness that I need to overcome. As the result, I have a better knowledge in IT management and i will able to join any of the IT project soon.

- Shabrina Salsabila Sakroni (A20EC0334)

After the industrial talk, I aware that the new generation faces a big challenge in the industry because of the change of the industry. Hence, I realized that I need to improve myself to cope with the challenge. I am excited to join a IT project.

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