

The Importance and Trending of IT Project Management

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Abstract—This report is about the details from an industrial talk entitled “The Importance and Trending of IT Project Management”. The details include the importance of IT Project Management, the trending of IT Project Management, and relevant IT careers. This report also includes the reflections of each group member after the talk and their acknowledgment.

Keywords—Project Management, IT, importance, trending, careers

I. INTRODUCTION

On the 1st of December 2020, SECP1513 from School of Computing UTM organized an industrial talk regarding The Importance and Trending of IT Project Management. The talk was given by Mr. Mohd Khairul Reeza Bin Ruslan, an experienced IT Project Manager, who is currently the Head of Project Management Office at Commerce Dot Com Sdn. Bhd. The talk was held from 10.00am to 11.00am through the Cisco Webex Platform and was moderated by Dr. Goh Eg Su, Senior Lecturer from School of Computing UTM.

II. IT PROJECT MANAGEMENT

A. The importance of IT Project Management

Project management is the application of skill sets, techniques and knowledge when carrying out a project so that can meet the project objectives. IT project management is undeniably important as they provide the teams and clients a clearer focus when executing a project. Besides, project quality should also be ensured so that it is in control. Moreover, project management ensures the progress to prevent issues, manage possible risks and take precaution steps.

B. Trending of IT Project Management

Nowadays, project management is very flexible, and it can be applied anywhere and anytime.

Table 1. Trend of Project Management

Trend	Explanation
Gig Economy become prevalence	A job with a short-term contract (freelance work) as opposed to a permanent job. Nowadays, many people do short-term project, but they do multiple projects at a time. This can minimize the cost management.
Focusing BIG Data	Before starting a project understanding the needs of the

	customer is important. Therefore, data is very important to know the customer to develop a project.
Artificial Intelligence (AI)	AI can help to match personal to the project that suit them. This can help in reducing the time spent and the cost and increase the efficiency and effectiveness.
Change Management	The elements of change management need to be considered as all the people can use it. Therefore, the elements should be flexible as it can be used in daily in the future.
Tools and solution in project Management	Waterfall process and Scrum is used as project getting more complex, reducing time and cost and increase the progress of the project.
Method Melding	To get a good project in a short time with a low cost, tools are used. Besides, communication and collaboration of the project members are very important.
Emotional Intelligence	An element that determines a person can be successful or not in the future.

III. RELEVANT IT CAREERS

The speaker states that it is not easy to become an IT project manager. He then states that if you became one just after you graduate, you will have a difficult time. This is because you do not have the experience to do the work efficiently. You have to build up your experience from the start.

The relevant IT careers are based on our course we study in university. For example, project managers, software engineers, data scientists, graphic multimedia designer, and network security engineer.

IV. REFLECTIONS

- Reflection Mohamad Haziq Zikry bin Mohammad Razak
My personal goal from this course is to be a successful Data Scientist in the tech industry who is well versed in solving real world problems and help companies solve major and ambiguous problems. I believe from this talk, I will be able to equip myself with the right skills and knowledge in project management before graduating in the future. Furthermore, I should be am keen to explore more in the tech industry and would love

to expand my network and make new connections along the way.

- **Reflection Cheah Yau Khin**
Through this course, I hope to become a creative and innovation software developer that develops useful apps to people. The talk shows me about the about the importance of project management, which is applicable in the process of developing software since usually software developers consist of a small team. In order to improve my potential in the industry, I hope to learn more programming language and also learn to communicate well with people for all upcoming projects.
- **Reflection Wong Hui Shi**
My goal regarding my course is to be a master in programming and data analysis so that I can help to solve problems when doing the project related to IT. From the talk, it is important to have communication and collaboration with team members when doing a project. Therefore, I need some soft skills to improve in my EQ. For me to improve potential, I need to participate in my activities that related to IT to make new friends with them and at the same time improve my hard skills in IT.
- **Reflection Lai Chee Yee**
My goal with regard to my course is to get a degree in UTM. Secondly, I want to be a successful programmer which could solve the problem of database or some code. This talk gives me an idea that we need to achieve a better degree so we able to have some luck to get employed. I have to work hard and able to have a good relationship with the client or our teammate. I have to be humble and always have a good mood in the industry.
- **Reflection Omar Mohamed Abdelfattah Ibrahim**
I would love to start my own company in the future. This talk gave me an overview of what I can do as an administrator, how can I build a project and what ethics must be followed for the success and continuation of that project. I liked the qualities of a successful administrator that were discussed in the talk, and how I cover the deficiencies if they occur. Also, following up on everything new that is explored, so that it continues to keep pace with development and also to contribute to it, including inventions and growth.

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We are grateful to Mr. Mohd Khairul Reeza Bin Ruslan for giving us such a wonderful industrial talk It is undeniable that his talk will be a big help for us in the future industry. We would also like to thank Dr Razib, our SECP 1513 lecturer, for giving us the golden opportunity to join the industrial talk.

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