School of Computing
Faculty of Engineering

Semester 1 2020/2021

Subject: Technology and Information Systems (SECP1513)
Section: 04
Task: Report Industrial Talk 2
Title: The Importance and Trending of IT Project Management by Commerce Dot Com Sdn Bhd (CDC)
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Abstract

— **This report is a summary of the importance and trending of IT project management by Commerce Dot Com Sdn Bhd. Project can be done successfully with the good management in the process of making the project. Project management is the application of knowledge, skills, tool, and techniques to project activities to fulfill the project requirements. A basic project management lifecycle covers five steps which are starting up, initiation, execution, monitor and control, and lastly, closure.**

I. INTRODUCTION

On 1st December 2020, all students of School of Computing were invited to attend an industrial talk online from 10 am to 12 pm. The talk entitled 'The Importance and Trending of IT Project Management' was conducted by Mr. Mohd Khairul Reeza Ruslan from Commerce Dot Com Sdn Bhd (CDC). We, as the student of Computer Network and Security, had attended the talk.

II. IT PROJECT MANAGEMENT

A. The Importance of IT Project Management

Firstly, Project management is important because it ensures what is being delivered, is right, and will deliver real value against the business opportunity.[2] However, it can also ensure all the risks are properly managed so that we can prevent the risks from becoming issues. A good IT project management can give a higher risk tolerance to a company. This is due to a good project management will have a more comprehensive planning which prepare for any possibilities that may give negative impact to the project. Next, IT project management is essential to quality control.

Figure 1:PRINCE 2 project management processers

Therefore, IT project management keep our job always on track and prevent resulting in poor quality project. The most importance of an IT project management is to make sure effective resource allocation. The most common resources of an IT project management are the workers and machine. Through project management, a project manager can ensure that their resources can be arranged properly to avoid delay of the project.

B. Trending of IT Project Management

A shifting, globalized gig economy is a labor market characterized by the prevalence of short-term contracts or freelance work as opposed to permanent jobs. IT project management features a greater concentrate on data. Good project management needs to understand the requirements of the customers. From understanding customer needs to detailing risks, analyzing data for important insight is a key activity in almost any development project. Automation and artificial intelligence are good assistants in IT project management.

Although project management will not be replaced, AI-powered bots can help to calculate the best projects to take on and aid project management quickly and efficiently schedule and assign resources in real-time. Like it or not, AI is a project management trend that will significantly change how we work in the future and you need to prepare for it.[6] In short, AI-powered bots are ready to find the most suitable people to do projects which they experts. Change management is incredibly vital to project success. Stay flexible is a daily project management activity.

Project managers must mitigate change, reducing change, embracing change, or accelerating change to adapt and adjust their processes, workflows, and competencies. Method melding is a mocktail please, with a hint of Agile and drizzle of Scrum, topped with a spritz of Waterfall.

Furthermore, advanced IT project management requires tools and solutions. Tools and solutions like communication, progress tracking, and project planning are very important to make sure our project will be completed on time. As an example, scheduling and time tracking.

Lastly, emotional intelligence gives a huge impact on IT project management. Emotional intelligence (EQ) can determine whether we will succeed in our careers or not

III.   RELEVANT IT CAREERS

The relevant IT careers in project management are project coordinator, assistant project manager, project manager, senior project manager, director of project management and VP of project management. These careers can help to improve the process of the project because each career have their own speciality.

Careers	Function
Project Coordinator	Coordinating project schedules, resources, equipment and information.[4]
Project Manager	Planning, executing, monitoring, controlling and closing projects.[1]
Senior Project Manager	Meets financial objectives by forecasting requirements; preparing an annual budget; scheduling expenditures; analyzing variances; initiating corrective actions.[5]
Director of Project Management	accountable for the entire project scope, project team, resources, and the success or failure of the project,[1]
Vice President of Project Management	Defines and develops project/program management best practices, processes, and policy.[3]

IV.   REFLECTIONS

- Lai Leng Shuen-The industry talk gave me the good methods that I can use to improve my potential. With the methods, I can be a good IT worker in the future. I need to make a good plan to make my dream come true.

- Syawal- Through this industry talk, I found so many useful information about IT world. I never thought that my course can be so interesting with new things to explore. I hope I can attend more industry talk like this so I can explore more about IT industry in Malaysia

- Fakhrul- This talk made me well prepared about managing my task especially to handle big projects. I must be ready and make sure all my tasks arrange systematically. I hope I can be professional in managing projects.

- Fadthun- I have a goal to be a programmer in the future. Within this talk, the speaker taught me what I need to do to improve my potential in teaching my goal. I need to do a proper management in order my goal can be achieve.

ACKNOWLEDGMENT

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