

The Importance and Trending of IT Project Management

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Abstract-This report is about the topic of “The Importance and Trending of IT Project Management”. This is to enhance our knowledge about what is means by project, and what about the project management trending nowadays. We are informed that getting an academic degree is actually an important project for us. It consumes time and cost. However, it guarantees the quality, including scopes of project, risks and benefits for us. The project management enable us to apply our knowledge and skills that have learnt, tools and techniques that are needed to meet all the requirements. Furthermore, the trending of project management is quite flexible nowadays compared to the old times, which is more likely to have a fixed routine. It goes without saying that the flexibility of project will ease the control of cost management. In addition, the focus of the trending of project management are gig economy, big data which allow us to understand the customer needs better, automation and artificial intelligence (AI), just to name a few.

I. INTRODUCTION

In these day and age, people from all walks of life are having a great deal of projects. What is project? Project is a unique and temporary work, which is planned and organized well, that have been done by certain time limit. Moreover, project can be done by either individually or collaboratively to achieve certain goals. The talk, entitled “The Importance and Trending of IT Project Management”, is conducted by Mohd Khairul Reeza Ruslan, who is the Head of Project Management Office Commerce Dot Com Sdn Bhd.

II. IT PROJECT MANAGEMENT

A. *The Importance of IT Project Management*

The importance of a project is something crucial in everybody’s life. A project consists of time, cost, quality, scope, risk and benefit. Time factor is the first until last step of project that has been taken. The cost is the price that needed on a project. For example, the building project have to calculate all their cost for all things they needed to build the buildings. While if the project is about charity, the time needed also can be calculated as cost. Next is the quality, if we did well in a project such as not taking it lightly, the project’s quality will turn out the best. Scope is the ability of doing the boundaries of the project. Also need to take the risk that might impact the project. Every project has its own benefit, it is not done for nothing. Portfolio consists of a few programmed that contributing to larger target. While programmed consists a few projects that contributing to larger target. Projects is unique on its own way to achieve targeted goals. For example, the building of MRT is a big portfolio. The development of MRT included the station, the body of MRT were the programmed management. Each station that will be build are the projects management. Projects

management is the application of knowledge, skills, tools and techniques to project activities to meet the project requirement. To be able to manage a project, a person needs to know what is project management. After getting the knowledge needed, with the skills that a person had, they will be able to achieve the goals of the projects if they applied those. Then, with the tools and techniques, they will be able to complete their activities.

Based on the project management of Prince 2:-



Figure above is Prince 2 Project Management

B. Trending of IT Project Management

For trending of IT project management, we can shift to globalize a gig economy. Gig economy is a labor market that forms short-term contracts or freelance work as opposed to a permanent job. Apart from that, we have to create a greater focus on data (BIG Data) in the project management trending. It is because analysing data is a key activity in almost any development project. Then, automation and artificial intelligence also include in project management trending. Artificial intelligence is a powered bot that can help to calculate the best projects to take on. Artificial intelligence can also be very quick and efficient the schedule and assign resources in real-time. In project management trending, change management is important to project success. We have to stay flexible and try to adapt their processes and workflows. Method melding is also part of the project management trending. Other than that, we have to advance the project management tools and solutions like communication and collaboration, budgets, deadlines and progress tracking. Lastly, the impact of emotional intelligence (EQ) is the most important thing in project management trending. It is because it can increase business value of soft skills.

III. Relevant IT Careers

1) Cyber security analyst

- A cyber security analyst is responsible for protecting IT infrastructure that includes network, hardware and software from a range of criminal activity. They are also responsible on evaluating emerging cyber security threats and ways to manage cyber-attacks by implementing safety measures such as firewalls and encryption. A cyber security analyst is the one responsible to create a contingency plan in the event of any security breaches and planning for any disaster recovery.

2) Data analyst

- Data analysts are high in demand across so many sectors such as consulting, pharmaceuticals, finance, government and education. Data analysts should have the ability to pay attention to all the small details, communicate well and highly organized. They should provide clear analysis through clear visual, written and verbal communication.

3) Data scientist

- A data scientist builds algorithms and designs experiments to merge, manage, interrogate and extract data for further improvement. The job of assessing the effectiveness of data sources, data gathering techniques to improve data collection methods is part of the Data Scientist's responsibilities.

IV. REFLECTIONS

- My goal is to be a successful programmer and try to learn as much as I can about programming languages. Other than that, I also want to improve my problem-solving capability and my soft skills. After I listen to this talk, I feel there are nothing impossible to achieve my goals. Also, I need to control my emotion so that, I will be able to complete my four years with the good quality degree. So, to improve my potential I need to always practice the programming continuously. Apart from that, I have to follow and learn the latest trends in programming languages.
- Based on the talk conducted, I have got a small brief on what is IT project management work. This talk has lifted my spirits high enough that now I can see a clearer picture on the steps I should take to achieve my dream because this is what the talk has taught me. Furthermore, I got to know that EQ is equally as important as IQ because it has the strength to determine whether we are really successful in our life or not because it showcases our emotional feelings that portrays our character traits rather than our intelligence. I learnt the importance on managing my emotions and taking good care of my health will play a huge role in helping me throughout the four years to be able to grab my degree's scroll at the end.
- Through the talk conducted, I have increased my knowledge about what is IT project management and what is its trend. I just found out the process of getting an academic degree is a main and crucial project for me as a student. Moreover, I have learnt about the importance of managing emotions and don't ever let it take over my thinking process as it may persuade me to do something beyond limits. Additionally, I know about another highlighted project management trending is the impact of EQ, which can easily determine you either success or not in your career.
- My goals are to study hard in my courses and become a programmer that can give benefits to everyone. This talk has made me realize that in achieving my goals, I need to work hard and have passion in what I do. Without passion, those goals will be hard to achieve. I will make a note in my room to make sure I am not forgetting my goals and my dreams, so I can always work harder and try to get more experiences. Also not forgetting to practice my programming as I want to be a successful programmer.

V. ACKNOWLEDGEMENT

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