Industrial Talk 2 – The Importance And Trending Of IT Project Management

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***Abstract* - This paper aims to report the industrial talk regarding the topic of the importance and trending of IT project management. In earlier times, project management only involves a project that cost a huge budget such as the construction and financial sector. But nowadays, it also plays a role in the information technology field since it has become bigger each year due to the advancement of technology. The implementation of project management in a critical field is still relevant until the current days due to its benefits offered such as risk identification and ensuring the project could be done in a calculated time with budget and human resources constraints.**

**Keywords-component, project management, information technology, importance, trending, career**

# Introduction

On December 1, 2020, from 10.00 a.m. to 11 a.m., Mr. Mohd Khairul Reeza Ruslan from Commerce Dot Com Sdn Bhd gave his industrial talk regarding the importance and trending of IT project management. He currently holds the position of head of project management office. Due to the rise in economic process and advancement of technology all around the world, organizations square measure implementing the latest IT applications to reinforce their operations and to produce the optimum price to their customers. In the recent past, project management has become over simply a tool for the implementation of project. Organizations square measure resorting to project management as a principle driver of modification. Project management has been transferal out desired results for the organization then this discipline has been ever-evolving to form it a lot of economical. The efﬁcient management of project is beneﬁting organizations within the method it will increase the chances of achieving their objectives since it allows the management of the many factors, like prices, schedule and risks, therefore pro-decision-making on the mandatory actions that take comes within the right directions.

# IT Project Management

## The Importance of IT Project Management

It's very difficult to exaggerate the importance of IT project management. Big IT projects are not just about installing new tools or improving existing resources but also, they provide IT solutions that make the business more successful and reliable. A successful project manager needs to understand all the needs of the business and coordinate with all partners to design, test and build a system that meets those needs. Therefore, IT skills are an important component, it is only a part of it.

## Trending of IT Project Management

1. Strength on soft skills.
2. Propagation of Automation and Artificial Intelligence.
3. Huge concentration on data analytics and numbers.
4. Vast reliability on digital teams.
5. A close connection between project and strategy.
6. Emergence of hybrid project management approach.
7. Reliance on remote terms.
8. Impact of artificial intelligence and data analytics.

# Relevant IT Careers

Below is the list of some careers relevant to IT project management –

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| --- | --- | --- | --- |
| Job | Work | Minimum Requirement | Average Annual Salary |
| Big Data Engineer | Creates a company’s software and hardware architecture | A degree in computer science and expertise in mathematics and databases | $166,500 |
| DevOps Engineer | Develops and improves various IT systems | Experience with coding languages, software engineering and security systems, and strong analytical, problem-solving and collaboration skills. | $120,000 |
| Information Systems Security Manager | Keeps sensitive data and systems safe | A technical background in systems and network security | $149,000 |
| Mobile Applications Developer | Develops applications for popular platforms | Experience coding with mobile frameworks and mobile development languages, and knowledge of web development languages | $135,750 |
| Applications Architect | Designs the main parts of applications | Excellent communication and planning skills | $144,500 |

# Reflections

* Radin Nazhan (A20EC0136)

My goal is to be a professional software engineer or data engineer. With the program I am taking currently, it will provide me with various fundamental knowledge to pursue my dream. Furthermore, this industrial talk supplied me with a lot of information in the IT world or jobs that are going to be useful to me later on. It also gave an insight into the basics of project management and also exposed me to a new understanding of IT work. In order to improve myself to be more employable in the industry, I should learn from an experienced person so I could gain the experience and I should engage myself in different surroundings for my adaptability enhancement.

* Farhana Tahseen (A20EC4015)

This industrial talk provided me with a clear idea of what actually a project is. I also learnt about the key components and main elements of a project. Moreover, I gained a lot of knowledge about the characteristics of a successful project. The most interesting part of the talk was about PRINCE 2 and its 7 principles. I strongly believe that the knowledge I gained from this talk will help me immensely in my future professional life to build a successful career.

* Md Faridul Islam (A20EC4030)

I am Md Faridul Islam the member of group-5. Recently I and my group members are finished our design thinking project. I hope it will help me to move towards my goal. I choose this course because I want to be more practical in my daily life activities. It’s my thought this project makes us more practical and increase our potentiality. Basically, which is really important to fulfill my dream. And I also believe if we want to develop our potentiality, we need to be more practical in our daily activities. So, my thinking is that, we have to put a lot of emphasis on our practical activities. Which is really important for me and all of us.

* Md Masqurul Hasan (A20EC4031)

My goal is to be a successful software engineer in a big company such as Google, Amazon or Microsoft. The program I am enrolled in has shown and taught me several aspects of technology which consist of network, multimedia, system application and a lot more which is needed to achieve my dream. I hope this project makes me more practical and help me to increase my potentiality. And I also think it will take me one step further to fulfill my dream. It is true that our daily practical activities help us to develop our potentiality. So, my thinking is that we have to put a lot of emphasis on our practical activities. Which is too much important for me and all of us.

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##### References

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