The Importance and Trending of IT Project Management

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Abstract **- IT Project Management (ITPM) is the process of planning and organizing to accomplish specific objectives. In projects where there are time constraints, cost constraints, scope and risks, it is important to produce good output quality. Furthermore, as the market changes, there are some trends in IT project management that will make it better.**

Keywords – IT project management, important, challenges, trend

I. INTRODUCTION

Speaker's name: Mohd Khairul Reeza Ruslan

Moderator's name: Dr Goh Eg Su

Talk title: THE IMPORTANCE AND TRENDING OF IT PROJECT MANAGEMENT

Date: 1 December 2020 (Friday)

Time: 10.00AM – 11.00A.M

Company's Name: COMMERCE DOT COM

Project management is something that crucial in everybody's life. Project has a few characteristics which are time, cost, quality, scope, risk and benefit. Project is temporary-it have a start and end. It is also unique-not routine but specific activities to accomplish something (a product, service or result) and has specific goals. Lastly, project usually have time/cost limit. A few projects that contributing to a bigger target s called a program meanwhile a few programs that contributing to a one big target is a portfolio.

Therefore, project management is the application of knowledge, skills, tool and technique to project.

II. CONTENT

A. Importance of IT Project Management

Fig. 1. Principles in Project Management (PRINCE2)[1]

Phases level	Tolerance type	Importance
Project Planning	Scope	Ensures there's rigor in implementing projects properly so that they meet well with of our client's requests. Great project management ensures that the targets of projects are align with the goals of the business.
Project Planning	Risk Management Plan	Able to carefully analyze all potential risks to the project, quantify them, develop a plan against them, and a contingency plan to prevent any risks. It requires knowing the right solution in order to uncover it early.
Project Execution	Develop team, Execute project management plans, Status meetings	Without project management, a team may not have specific objectives, control, or purpose. Project management provides leadership and motivation, coaching, and inspiring the team to do their best in their respective duties.
Project Performance /Monitoring	Quality	Sometimes, in any project, it doesn't run smoothly as we expected, and we still faced some problems. But, it's important to not make the same mistakes twice. Project managers need to take note in what went well, what didn't go so well and what should be done differently for the next project.
Project Closure	Postmortem, Reporting	

Fig. 2. Phases and Importance in IT Project Management.

B. Trending in IT Proect Management

i. Shifting, Globalized, Gig Economy
- A labor market characterized by the prevalence of short-term contracts or freelance work as opposed to permanent jobs.
- Greater Reliance on Digital and Remote Teams (e.g. W@Home) and co-working arrangements.
- Time, people, and task management; to keep work flowing smoothly; teams are in

different time zones, different continents, and often committed to more projects than just ours.

ii. Greater Focus on Data (BiG Data)
- Data analytic and numbers.
- From understanding customer needs to detailing risks, analyzing data for important insight is a key activity in almost any development project.

iii. Automation and Artificial Intelligence
- You wont replaced by a limbless drone anytime soon-but you'd better learn to play nice with Ai.
- Digital Project Manager (Constantly Changing Digital Technologies).
- Ai-powered bots can help to calculate the best Project.
- Ai can quickly and efficiently schedule and assign resources in real-time.

iv. Importance of Change Management to Project Success
- Stay flexible-bending over backwards is a daily project management activity.
- Mitigating change, reducing change, embracing change, or accelerating change.
- Adapt and adjust their processes, workflows, and competencies.

v. Method Melding
- A mocktail please, with a hint of Agile and a drizzle of Scrum, topped with a spritz of Waterfall…

vi. Advanced project management, tools and solutions
- Project planning; Scheduling and time tracking.
- Communication and collaboration.
- Budgets and deadlines.
- Progress tracking.

vii. The impact of emotional intelligence (EQ)
- IQ get you hired.
- EQ get you promoted.
- Increasing Business Value of "Soft Skills".

III. RELEVANT IT CAREERS

Professionals with IT management credentials are looking for work in a variety of industries, providing a wide range of attractive services. The five largest areas of employment for IT management professionals include:
- Computer system design and related services
- Management of companies and businesses
- Management, scientific and technical advisory services
- Software publisher
- Insurance carrier

IV. REFLECTION

i. Amirah's Reflection (Member 1)
- My goal is to master in all of the subject in this course and graduated with such as honor. From this talk, I realized that what I am doing right now is also a project because it involves time, cost, quality, scope, risk and benefits. Therefore, I need to remind myself that I need to make myself ready for adulthood and the place where I am able to be employed. If I don't focus with my study right now regardless of the challenges that I need to face, I will lose the opportunity to improve myself and the industry.

ii. Guo Xu's Reflection (Member 2)
- My goal dream is to get a job related to my course so I can serve my country. This talk helped me fill in some knowledge gaps and made me have a better plan for future study. Therefore, I need to do more research in IT project management to develop more in the future.

iii. Syafiq's Reflection (Member 3)
- The conference was conveyed well. It gives us a lot of information in project management. One of my goal is to make an app that can be useful by people. By following this conference, I can know how to do project management properly. Plan to increase my potential in industry by searching more information, learn how to manaproperl, be more responsible, and focus on my goals.

VII. REFERENCES

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