

The Importance and Trending of IT Project Management

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Abstract

This report is written by the following industrial talk. The talk was basically about project management. It's very important to learn how to handle a project or how to manage a project. By attending this talk, we learned how to handle the project and what is project management. We also learned about the portfolio and programme.

Project management is basically belonging to skills, tools, and techniques. The person who is handling a project, it is a must to have those three because without this he/she can manage a project. Knowledge is like a key to project management a person needs knowledge for taking responsibility for a project. So, those key features are very important for project management.

Introduction

This report is from the industrial talk held on 1 December 2020.

Speakers name: MOHD KHAIRUL REEZA RUSLAN

Talk title: The importance and trending of IT project management.

Date: 01 December 2020.

Time: 10:00 Am-11:00 AM.

Company: Commerce Dot Com Sdn Bhd.

This industrial talk is basically on the importance of IT project management. IT means information and technology. Nowadays the world is running on IT. IT made our life easy and comfortable obviously. And the other thing here is project. Project is a combined task of time, cost, quality, scope, risk, benefit. A project costs every element of those. Those all elements are important to control or create a project. A project greatly depends on those elements. One needs to have that quality to handle that project. Different kinds of projects need different kinds of quality, it depends on the person who created that project and who will

handle that project. Time and cost also depend on the same things.

A project must have a specific goal to be succeeded. One needs to set his goal to achieve success. Those are the main things that we all need to think about before starting a project. These points are applicable to all kinds of projects.

Project Management

1. Importance of Project Management

Running projects with project management are often thought as an unnecessary burden on the budget, and without a doubt can be expensive. Project management is important because to ensure what is delivered is right and delivers the real value. Goals of projects and strategic goals can be closely aligned with good project management. Project management also brings leadership and direction to projects. Leadership allows other team members to do their best when working on big projects. It is also the project managers that ensure that every team member is in line because they carry the responsibility of whether their project succeeds or fails. Proper plan execution on strategic goals can't be achieved without project management. As project managers, it is their responsibility for breaking up a project into tasks and assign them to their team members. A good project manager enables the team to focus on their objectives. Project management also ensures the quality of the project being delivered hits the mark. Dedicated project management ensures that the project has the time and resources to deliver, and the output quality is tested at every stage. Every project has its risks, with project management, these risks can be properly managed and mitigated. Project management practices to carefully analyze potential risks of a project, develop a mitigation plan against them and develop a contingency plan. By asking the right questions can uncover the risks early on of the project.

2. Project Management Trending

The emerging trends in project management we can see today is a greater reliance on digital and remote teams. It is now common due to greater connectivity, changes in corporate values, and the rise of the gig economy. During the pandemic of COVID-19, organizations have adopted new work-from-home policies that favour digital communication. Remote work has many advantages, including greater versatility, and can help a company attract and retain top talent from around the world. An organization can go through dozens, even hundreds, of organizational modifications each year. These can range from tiny modifications to internal processes to complete overhauls of the products, services, supply chain, strategy, or structure of a company. While this has always been true, many organizations have been forced by the emergence of the novel coronavirus to embrace significant change initiatives while also completing previously existing projects. With the rise of artificial intelligence (AI), machine learning, and proliferation of data and analysis collection will impact every other industry virtually. For example, one consequence of artificial intelligence is likely to be the automation of several administration-focused activities that currently fall on project managers, including allocation of resources, project management, and updating schedules and budgets, among others. Another example might include the automation of resource allocation a task that has long included varying amounts of automation.

3. Relevant IT careers

In order to transform ideas into reality, software project managers use their deep technical experience plus their ability to convey concepts to laymen. After achieving a clear understanding of what the client actually needs, software project managers collaborate with tech workers to find out the measures needed to make it happen and the tests necessary to ensure quality. They keep abreast of deadlines, budgets, and possible concerns along the way. Probably the highest-paying career path in project management, IT project managers combine their technological prowess with business acumen to direct the computer-related activities of their company. They keep an eye on factors such as upgrades, new equipment installation, security, departmental needs, and cost-effectiveness. It is also part of the job to collaborate with suppliers to discuss requirements and negotiate deals.

Reflection

Najib's reflection: I learned that project management plays a key role on achieving goals in projects and even in life. It is very important to be very organized when handling projects to have the best outcome.

Tawfiq's reflection: I will try my best to deliver my best in future project management. As a student of software engineering, it's must that we need to learn how to deal with project management. I just need to practice how to manage small projects. Day by day I will understand more about project management and it will be helpful for all of us and easy for us.

Muneer's reflection: Industry always helps the country to economically develop its position! From this talk, it will help me to conquer in the race of industry which is developing day by day.

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