The Importance and Trending of IT Project Management

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Abstract- This report article indicates or carries how to manage or handle a project to make it proper and successful. Which techniques and how should be applied in the mean time to make the project successful and profitable.

In fact, by applying these techniques the project can be executed successfully as well as the clients must be remaining satisfied.

Keywords- *Project; Project management; Risk; Scope; Benefit; Quality.*

I. INTRODUCTION

Every industrial, corporate or individual companies need to handle or manage projects. For handling or managing projects we need to keep proper idea and knowledge about it, to execute a successful project and keep the client happy. Furthermore, to execute a successful project, we must know some basic techniques and apply those in our practical work.

II. A PROPER PROJECT

Basically, "Project" defines an individual or collaborative enterprise that is carefully planned to achieve a particular aim. To complete a proper and successful project we have to be careful about some important things, which are mentioned below with short definition:

a) Time
b) Cost
c) Quality
d) Scope
e) Risk
f) Benefit

a) Time: To complete or manage a project time is the most important asset to have a look. Because every buyer or client will bind a time limit for project manager to hand it over.

b) Cost: Cost is also an important thing for completing a project. Because every project managers need to spend money, labor, materials etc. for completing a project successfully.

c) Quality: A company or brand depends on its quality. So, the quality must be better or best for holding the brand's future business dealings.

d) Scope: For executing a successful project scope is another important thing to look in it.

Because sometime the situations and surroundings don't favor to do the project or sometime it shows the golden opportunity.

e) Risk: Risk is also a bit similar to the step "scope". So, a project managing person or company must understand the circumstances against the assignment and then he/they need to take the risk. Sometime, project could be go for the loss or sometime for the profit, even sometime for neither profit nor loss.

f) Benefit: This is the thing what is the ultimate goal of every person, company or enterprises. Since a company or project manager spending time, money, talent as well as every ingredients which is needed. Here, the benefit is must be noticeable.

Each individual project manager or company must have a look on those 5 things which are mentioned above. As well as some other parts of a successful project also noticeable, Which are:

i. **Temporary:** A project is always a temporary task because it has a starting and an ending.
ii. **Unique:** It should carry uniqueness for it. Moreover, sometime it could be 10%, 30%, 50%, 80% or above.
iii. **Goal:** A project always needs a goal to reach towards it.
iv. **Time/Cost limit:** A project must has a time or cost limit as it is mentioned above. It should be completed perfectly with in the limitation of its cost and time.

III. PROJECT MANAGEMENT

Project management defines, "It is the application of processes, methods, skills, knowledge and experience to achieve specific project objectives according to the project acceptance criteria within agreed parameters."

To manage a project properly, a project manager or controller needs to be careful about "The application of knowledge; The usage of skills, tools and techniques; The project activities to meet the project requirements". Including these, need to be more careful with some other things. Which are mentioned below:

III.A) 7 PRINCIPLES OF PROJECT MANAGEMENT

These seven principles are also considered as the methodology of a project management. These are:

1. Continued Business Justification.
2. Learn from Experience.
3. Defined Roles and Responsibilities.
4. Manage by Steps.
5. Manage by Exception.
6. Focus on Product.
7. Tailoring to Suit the Project Environment.

III.B) PROCESS OF PROJECT MANAGEMENT

Every work, assignment including a task needs to follow the process to execute or finish it successfully. Therefore, a project also needs to follow a process step by step to finish it properly and satisfyingly. Following steps are shown below with the directional arrows:
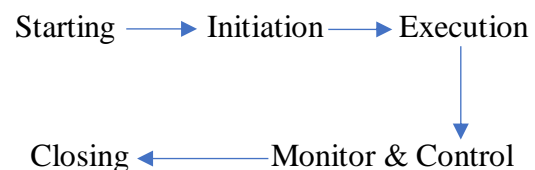
Starting → Initiation → Execution

Closing ← Monitor & Control

Fig 1: Diagram for Process of Project Management

III.C) PROJECT MANAGEMENT TRENDING

The managing of projects are shifting or converting these days. Once the trend of dealing or managing the project was only in official system. But nowadays, it converted in a more casual system. There are few trending project managements mentioned below:

- Shifting, Globalized Gig Economy (Short term contracts).
- Greater focus on Data (Big Data).
- Automation and Artificial Intelligence.
- Importance of change management to project success.
- Method Melding.
- Advanced project management tools and solutions.
- The impact of emotional intelligence.

IV. REFLECTION

An individual project manager or a company must be benefited in future if he/they apply these basic applications for handling or managing a project to enforce it successfully. These steps can be taught a person that, working smart far better than working hard.

V. CONCLUSION

A project manager needs to handle or manage the project smartly for executing the project satisfyingly. Sometime, it has so many risks, budget complications, time limitations and so many complications as well. To execute a successful project, by overcoming all these complications and maintaining the quality, mentioned tricks and techniques would be helpful. Lastly, these steps will help us to work smarter with less risk of loss and much opportunity of profit.