

## STANDARD TOOLS USED BY PROJECT MANAGER IN IT INDUSTRY

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### ABSTRACT

The pressure on organizations to achieve a minimum level of success and growth in a very competitive market is high. In that regards, the research studies is on the direct relationship between the usages of those appropriates project management tools and techniques and that the success of our projects taking into our accounts the engineering and construction industry. The study concludes that the project managers and the organization should be aware of the project success criteria, determine the appropriates tools and techniques for it, and then have them imbedded into the project documents/specifications and requirements, whether these documents were internal or external to the organization. A Project Manager (PM) can that assumes the responsibility of monitoring the implementation of these practices. The research also concludes that the organizational support for these practices breeds consistency in the subsystems and enhances success.

**Keywords:** Project Management, Project Manager, project, Features, Workflow, Tools, Role & responsibilities, Benefits

### I. INTRODUCTION

PM defines Project Management as that the use of the specific knowledge, skills, tools, and techniques to delivers that the something of the values to the peoples. In simple term, project management means that the processes of leading a teams to hits of the goals or completes deliverable within a set of timeframe. Project management involves that the project documentation, planning, tracking, and communication—all with the goals of the delivering works successfully within the constraints of the time, scopes, and budgets.

The concept of project management, think that the about all the projects encounters every days—both in business and our personal lifes.

- At work, we might build or contribute to a deliverable, like reports, website, tools or products, or even a building.
- At home, we might make a meals, plan a vacation, or even works on upgrades to our home.

- These are just a few examples of true projects that have a defined start and end date, goal, scope, and resources. And that they all requires some level of the management.

In business, the focus in a project is typically a unique operation conducted to meet specific goals.

Examples of the projects may include that the:

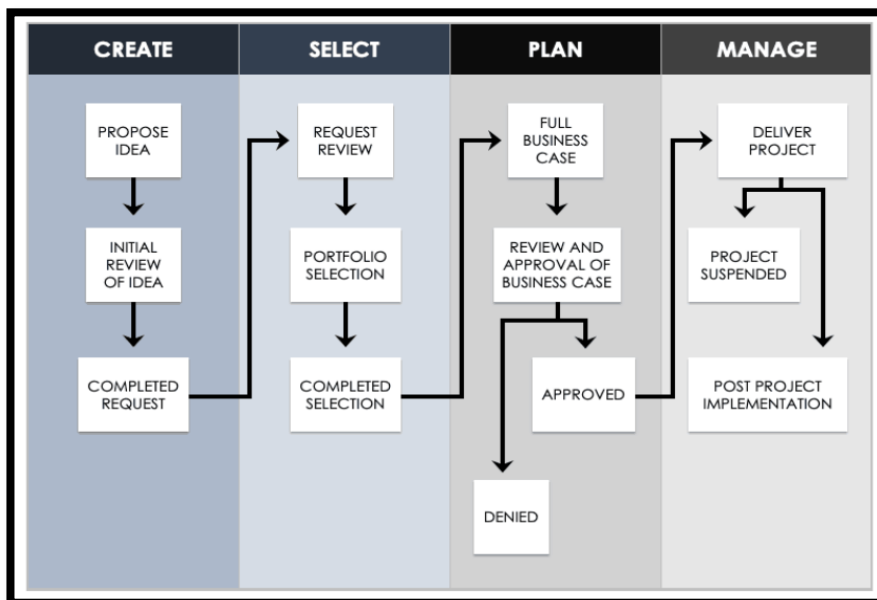
- Development of software to increases employee productivity
- Construction of a building to house community events
- Design of a websites to decrease call volume to a business

All of these projects require a team of people who are responsible for different aspects of the delivery. For example, we had likely to see a designer, developer, and copywriter working on the website design projects. In many instances, a project manager is staffed to these projects to ensure that the team delivers the project on the time and under budget and hits its key objectives of the products.

### Features of Project management tools

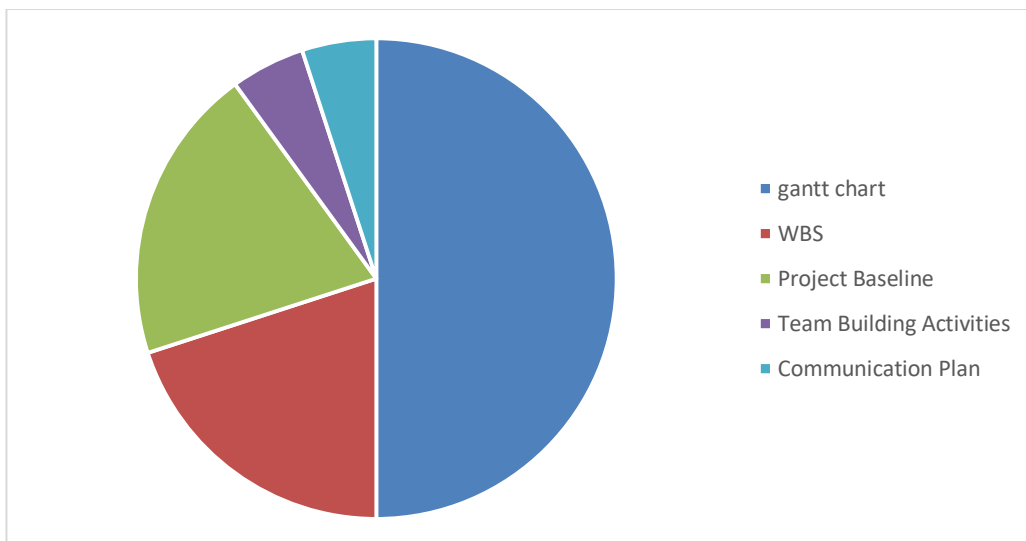
- Project estimation
- Budgets
- Resource allocation
- Quality management
- Project administration

Below pic shown the best workflow for project management tools how they used in IT industry:



## II. LITERATURE REVIEW

The purpose of this literature review is to examine that the research conducted within of the field of project management to identify the most successful tools and methods for managing. This will add to the body of project management knowledge and be useful for developing the suggestions for areas of further research. The focus of this researched on the study is on the effectiveness of the project management, not the success of the product completed during a project. A deeper understanding of the literature will aid in the definition of effectiveness, project success, and the role of a project management. The results from this searches had to fall within these six criteria: availability within the databases and journals, containing the full article, to be peer-reviewed within the leading project management journals, and contain relevant for information about the project management of effectiveness tools as it the pertained to the: organizational structures, cost and schedule management, and or leadership skills. The data are listed in below piecharts which is used to tools for project management in IT:



## III. OBJECTIVES

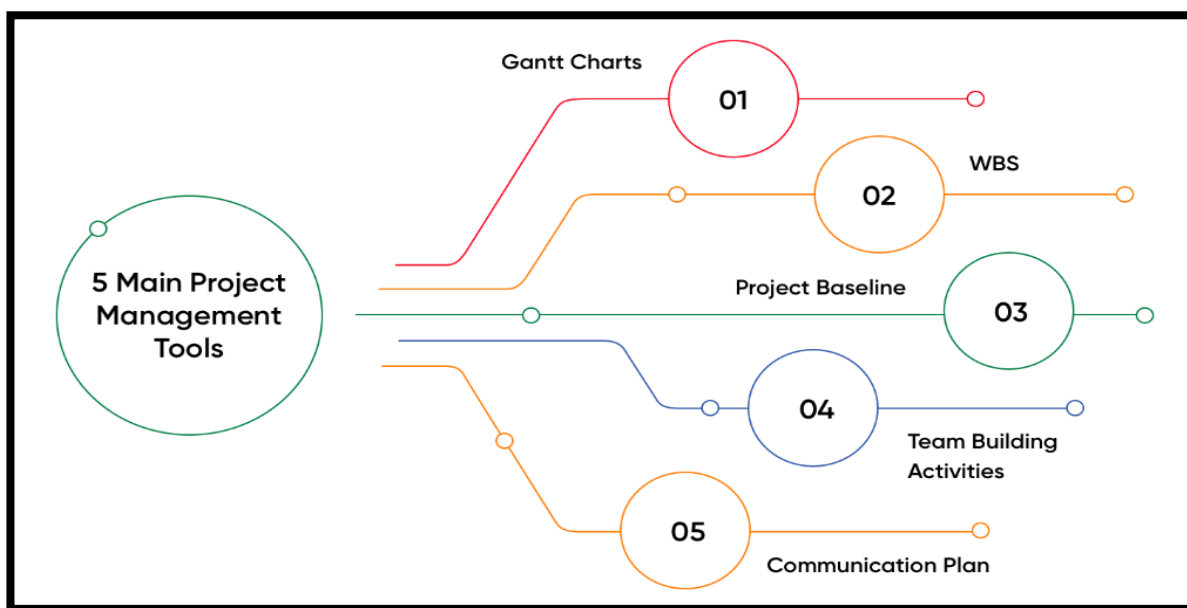
1. To identify the various tools used by project manager in IT industry.
2. To specify the benefit of tools for project manager.
3. To specify the benefit of tools for IT Industry.

#### IV. LIST OF TOOLS USED BY PROJECT MANAGER IN IT INDUSTRY

The best project management software tools are both of the free and paid options along the best project management software tools. There are includes:

1. Kissflow Project
2. Trello
3. Asana
4. Zoho
5. Wrike
6. Monday.com
7. ProofHub
8. Clarizden
9. Airtable
10. Kanban Tool
11. Zenkit
12. MeisterTask
13. ClickUp
14. Paymo
15. Teamwork

Below pic are shown that the best 5 project management tools for projects:



1. **Gantt Charts:** A Gantt chart is one of the most popular project management tools. A Gantt chart is a visualization of our project timeline and the dependencies between your various work items.
2. **WBS:** WBS follows a hierarchy where your end goal is split into stages that can be further divided into tasks or sub-tasks. This helps in planning every single aspect of your project without leaving anything to chance. The breakdown gives clarity on the time and resources that would be needed and hence helps in setting the planned constraints for a project.
3. **Project Baseline:** A project baseline is a graphical way of the representing our project values by comparing the baseline which is the standard you set for your project against our actual performance.
4. **Team Building Activities:** Team building activities are way to improves that the moral and boosts the productivity of our teams by conducting activities or healthy competitions.
5. **Communication Plan:** A project communication plan is a tool that the ensures there is a regular, relevant flow of the information between the project members, clients, and other stakeholders.

## V. BENEFIT OF TOOLS FOR PROJECT MANAGER

Project managers perform so many tasks that it is not uncommon for people to the not fully understand their worth. So we can that demonstrates of the benefits of the projects management:

- First, Each and every project manager should know their role inside and out. Following through by being a good project manager for our team will show everyone the values bring to a project.
- Second, We can't thrive as the project manager if our organization doesn't value the roles and see our work benefits the business.
- Lastly, the benefit of having a project manager on a team is realized by the people work with. If our team isn't bought in, we will have a hard time helping.

For instances, on a small team, sometimes that just having someone handles logistics and communications is enough. That the person might be a producer, account manager, designer, or even developer. Managing tasks and communications that can be provides more time for the team members to the collaborate and get work done. If that's not enough to the sell on the values of the projects management, considers these additional benefits of the projects.

### **More efficient teams**

Having a project manager on your team means we've got someone dedicated to making sure work is done on time and at the right time. That person also ensures the team's practices run smoothly so that they can focus on working hard and producing successful products.

### **Happier teams and clients**

Everyone walks away from the projects that are done with times and budgets with a smile on their faces. They are also happy when they are communicated.

### **Better organization**

Teams with project managers benefit from the fact that someone's paying attention to how, when, and why something should happen. Great project managers use tools like project plans and help out the details and streamline communication.

### **Team growth and development**

When we are trying to work on the task and manage it along with everyone and everything else, it can be tough that the means don't have time to focus on our work's product, or developing strategies or methodologies to do it better.

### **More flexibility**

Great project managers know projects change, and they are always on the lookout for it. And when change becomes a real factor, they immediately find ways to adapt the project path. Having a project manager on our team means that we will always know when a risk, issue, or change is on the horizon so that we can plan for it.

### **Better quality**

When the team is focused on their craft, the quality of work goes up because they have all the time they need to do that job.

### **Higher output**

This one is important for business owners. When we remove the burden of project management from our team and place it on one person, free up our team's time to take on more projects and produce more work.

### **More transparency and accountability**

Organizations also benefit from the hard facts and details get out of typical project management reporting. Regular reports increase transparency on budget and timeline and lead to better task accountability. All of these project management benefits come together to not only affect the bottom line, but the people and the processes as well.

## VI. BENEFIT OF TOOLS FOR IT INDUSTRY.

There are some benefits of tools for IT of productivity tools:

- Improve quality of work
- Effective collaboration
- Better communication
- Enables employees to work remotely
- Easy performance tracking
- Easy reporting of tasks
- Enhance data security
- Store data in one place

## VII. CONCLUSION

A key assumption made for this research was that the methods used to within project management that contribute to their effectiveness. Further assumption were we made that there are methods used to within project management that's the work more effectively than other methods. Through this systematic literature, it can be concluded that the project management effectiveness cannot be measured by a single metrics. Because of effective project management tools cannot be reduced to a simple prescribed list or set of guidelines, recommendations for the management of the projects falls into categories based on the specific situations. These categories found to be recommended by the literatures were related to the size of the organization, the amount of the time on the project will take, and utilization of specific industry standards when defining cost and scheduling assignment.

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