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MANAGING AGILE PROJECTS RBP020L058S/H

Executive summary

Agile methodology is the most popular and effective one that the organisation adopts in the project management process. It helps to build a bond with the customer, the team members, and stakeholders, which helps the organisation to get a constant review from the customers which in turn helps them to improve their product even at the latter stage of the development. This methodology values the employees and also helps to boost employee morale. This method also ensures that the product should be delivered to the customer on time and also ensures that the customer gets a unique product as customer satisfaction is an important aspect of the method.

Introduction

Project management is a crucial part of an organisation, and for effective project management agile methodology is generally adopted by the organisation as it helps the employees to work in collaboration and to have effective interactions. With the help of this methodology, continuous improvement can be made in the project as any loopholes can be easily detected and the necessary changes can be made. Agile methodology is known to be mostly used by the organisation in project management due to its flexible nature and adaptability to the changing environment and it also offers a high level of input by the customer. This process is generally used in the development of software, and it responds quickly in the ever-changing business environment. In this report, the discussions will be on the definition of agile and the principles that are used by the organisation while using Agile methodology, and the measurement of the success that the Organisation gains by using this methodology. It will also evaluate the necessity of adopting the Agile methodology by the management for improving team management, stakeholder management, and the delivery of the products and it will discuss the basic requirements that an organisation must have and how prepared an organisation is to apply this method.

Discussion

PART 1

What Is Agile?
Agile means to move easily and quickly in project management agile is an approach that helps in the quick delivery of the product, able the organisation to adapt to the changing business

environment, and helps in better collaboration among the members. In project management, the agile process helps the organisation to get feedback constantly and to improve their workflow and it also allows the team members to adjust according to the challenges that arise in the project. This approach also gives an opportunity to the stakeholders to communicate with the organisation consistently and it is widely used in various types of projects as it helps the organisation to succeed in an uncertain environment due to its ability to respond quickly to changes.

In project management, the Agile Approach help in the faster workflow which increases the profitability of a business and it also helps to increase the satisfaction of the customer as they get the delivery of the product early. In Project management, the agile approach helps in effective communication which helps the project to be on track even in the condition of uncertainty (Marnewick and Marnewick, 2022). The organisation that follows this methodology in project management values the ideas given by their employees which help the employee to build trust and to be more productive and in return, helps the organisation to achieve the goal. By using this method the organisation gets constant feedback so that they can improve the deficiency in the product and delivered the final product in an effective manner. The customer is the backbone of any business, with the help of this agile approach the organisation can involve the customer in an interactive manner which helps the organisation in the successful delivery of the product or services and it also assists in the elimination of any kind of rework that is required.

Principles Of Agile

There are various principles related to the Agile approach that is adopted by the organisation in project management, the principles are discussed here:

It helps to satisfy the customer as it provides the customer with the product they demand.

The organisation which is this method in project management adapts the changes even if it is required in the latter stage of the project development (Palopak and Huang, 2022). If the customer request for a change in the project that is in the latter stage of development the organisation which uses this methodology implements it which helps them to get a better customer relationship and helps to increase the profitability of the business.

The agile process shortens the time by avoiding documentation and increasing interaction with the team and the stakeholders which helps to complete the project as early as possible.

The organisation helps to bridge the gap between the team members and the stakeholders so that they can understand the need of each other which is important for project management this can be achieved by using the Agile approach.

In project management, it is important to build motivation among the employees and the team members by using the Agile approach which values the opinions of the team members and the employees so the organisation can achieve success.

The agile process promotes collaboration with the team members and it helps to avoid any errors during the progress of the project.

In Project management Process agile methods help to maintain sustainability in the process of development as they focus on the details of the work by dividing it into a short project which keeps the team motivated and to complete the project as early as possible.

The agile method pays attention to the technical Excellency in project management and helps to adapt to the ever-changing technological environment.

Measurement Of Success In Agile

Many organisation has implemented the Agile methodology in their project management but not every company has been able to be successful by applying this methodology, it is important to measure the success of an organisation for this the company used a tool known as Agile metrics which helps the company to measure the success by the implementation of the Agile approach (Heidt, *et al.*,2022). These metrics help the company to check the progress and to evaluate what are the changes in the strategy they can make to get succeed in the project. An organisation that has implemented agile has increased its productivity and built quality products to satisfy its customers. It has been noted that the success of the company depends on several factors like the satisfaction of their customers, the quality of the product they have delivered, the objectives of the business the company has achieved, and the reliability they have maintained with the stakeholders and the customers.

The most important factor to measure the success of the company is to satisfy the customer which can be predicted with the graph of sales, number of support calls, and many other factors. For a company that has applied that methodology while developing the product, it is important to consider the perspective of the customer as they are the ones who will use it. Secondly, the success of the company depends on product delivery timing, it has been observed that a company that has applied the Agile approach has effectively delivered their product on time to the customer. The success of a company also depends on employee satisfaction if the employees are happy and motivated the organisation will be more productive (Radhakrishnan, *et al.*,2022). For example, an organisation that applied the Agile approach has more motivated employees as in this method the employees are given value which helps to improve the organisational culture.

PART 2

Define Tools, Practices, And Artefacts Of Agile And Scrum.

In a project, it is difficult to estimate the accurate product and to predict the same in the early stage of product development. Agile methods and tools help the organisation to improve continuously throughout the project as it helps to collaborate with the team members and to have effective communication. In project management, these tools help to adapt to the ever-changing environment in the market and any kind of technological evolution (da Costa Filho*, et al.*,2022). The common practices and tools of agile that are used in project management are the managers inspect the products frequently and input the prevailing changes if necessary. It also implements the customer feedback process which helps to get knowledge about the customer needs and Infocus on key areas like planning the product, features planning, and many others.

Scrum is a method of Agile project management that involved a small team led by a master called a scrum master, whose job is to remove all the impediments to get the work done. In scrum, the work is generally done in a short cycle which is known as a sprint (Hron and Obwegeser, 2022). The practices that are used by the scrum master are to schedule a daily meeting with the team members to have a discussion on the impediments that need to be amended, Coach the team members, and evaluate the importance of interaction and collaboration, To remove any kind of impediment that arise in the workflow and to give a proper solution to the same, To Identify any kind of issues that may arise in the workflow of the project. Agile scrum artifacts are basically the information that the segmented scrum team and the stakeholders use to get the details of the product that will be developed and the actions that are performed in the process of the project. Artifacts are essential tools as they enable the organisation to maintain transparency and to adapt to changes throughout the project.

HOW THE TOOLS HELP IN IMPROVING THE MANAGEMENT OF THE PROJECT STAKEHOLDER MANAGEMENT

Stakeholders are individuals who are actively involved with the project and have a vested interest in the performance of a project. Managing the stakeholder is an important aspect of project management, stakeholders are generally the executive of the company, the head of the department, and the partners. Stakeholder management is the crucial method to understanding how to engage this stakeholder to improve the project management process as it is essential for the project and to ensure the success of the organisation(El Khatib, *et al.*,2022). For effective management of stakeholders, a few things need to be followed in the agile method firstly it is essential to identify the stakeholders who have a vested interest in the

project for this it is necessary to slow down the project if it is essential and to remove any kind of impediment that may arise in the process if it is for the interest of the stakeholder, secondly it is important to analysing the stakeholders for that it is necessary to categorise the stakeholders according to their interest, stakeholders who have a high interest such as the business owners should be engaged in the decision-making process and should be effectively engaged then the stakeholders with low-interest.

TEAM MANAGEMENT

Team management is essential for an organisation as it increases productivity and enhances the performance of the organisation. In the project management that has applied the Agile methodology the performance of the team should be done in the scrum agile method as it is an effective way to manage the team when it has been divided into small groups known as a sprint (Babayeva, 2023). For the effective management of the team to improve the performance of the project few things are essential, it is necessary to remove any kind of impediments that may arise, when the team is divided into small groups they can easily identify any kinds of challenges that may arise and improve it as early as possible. Agile metrics are used to measure the performance of the team and the productivity, it is essential to teach the team the responsibility of the self-management as it is not possible for the managers or the leaders to be available every time so it is necessary for the team to manage the situation by themselves and it has been noted that the business where the team has employed the self-management approach has increased the productivity of the employee which improves the employee morale, it is also necessary for the effective team management is to get engage with the leaders so that they can gain knowledge and experience.

DELIVERY

The ultimate aim of an organisation is to deliver a product of high quality that is sustainable in nature. In the project management where the Agile method has been implemented, it ensures that there should be a continuous flow of the delivery of the product the services to their customers. For the effective management of product delivery to improve the performance of the project management it is necessary to adapt to the changes that are happening rapidly in the world customers are always looking for innovative products so it is necessary to deliver such innovative products at the right time is the effectiveness of the organisation (Alizadehsalehi and Hadavi,2023). For effective delivery, the organisation should focus on the customer needs, and for this purpose, they need to get in touch with the clients, it is also necessary to maintain the project team and to keep the environment productive so that the delivery can be made at the right time to the customers. It is also essential to release the

product regularly piling up the product will be a burden for the organisation and will also delay the delivery process.

PART 3

WHY DID THE ORGANISATION ADOPT AN AGILE APPROACH FOR PROJECT DELIVERY

An organisation adopts the Agile approach in project management to boost productivity and deliver the product on time to the customers, this method is adopted to increase the speed in the market environment and to meet the demand of the customer. The agile method is generally used to develop the software and the company uses the methods for faster and cheaper software development. It helps the company to deliver an efficient product because throughout the process of project management continuous development has been made according to the market trends and customer demand. The organisation that uses agile keeps in touch with the real customers which helps them to get proper feedback from the customer and the clients which in return helps the company to make amendments if necessary in the product in the development stage so that they can get effective output (Nechaeva,2022). The agile methodology also helps the organisation in managing the risk as the sprint in the scrum agile method helps to remove the impediments in the process of the workflow so that any glitches may be avoided.

In an organisation that has adopted agile methodology, employee morale is high as they are being valued in the project and they have a feeling of contentedness which also boosts the productivity of the company. Agile methods help the organisation to add new features that are prevailing in the market in their product and to deliver the innovative product so that the customer gets satisfied with their products as the individual are always looking for a unique product that serves their purpose. As the company moves forward they learn from the way being agile helps them to implement the new learning experience and to build a unique software that will meet the current market demand.

REQUIREMENTS OF AN ORGANISATION TO USE AGILE

To use the Agile methodology some basic requirements are there that the company needs to follow the requirements are listed here :

To meet the continuously evolving market needs of the stakeholders the organisation needs to adopt flexible approaches that will create and give value-added service to the stakeholders.

The organisation needs to focus on distributed supply chain model as the customer is always looking forward to where to buy their products companies like Amazon adopt the agile methodology as they had a distributed service (McKinsey,2018).

The company needs to receive continuous feedback through various methods like product reviews, and crowdsourcing. These methods help to evaluate the opportunities for better service. Companies like Tesla adopt this method to scan the prevailing market needs of the customer and develop their product accordingly.

The organisation should be equipped with a human resource that has the expertise and the ability to work in collaboration with other team members.

The organisation should have the ability to work with various people like vendors, government organisation, and academics to develop new products.

The team members of the organisation should have the ability to work by themselves and to manage a situation in the absence of a team leader.

The organisation should have the capability to take decisions abruptly as there may be chances of sudden dynamic changes in the external environment.

The organisation should focus on the performance of the employee and helps to boost the employee morale through intrinsic or extrinsic reward. They should also focus on the fact that the employee is passionate about work.

HOW PREPARED AN ORGANISATION IS TO ADOPT AN AGILE APPROACH

To adopt an agile approach an organisation needs to be flexible in nature so that it can adopt the prevailing market needs of the customer and develop its product accordingly. The company also needs to have strong financial resources so that it can invest in a better project to build an innovative product. It is also important to get constant feedback from customers to adopt agility for that company it needs to conduct various surveys and interviews with the clients, and customers so that they can make further improvements. Before a company implements the agile methodology it is important for them to conduct a pilot project management with agile methods which will give them an idea of the situation.A company also needs to adopt the cultural change in the company that is required to adopt agility (HBR. ORG,2021). The company that will adopt the agile methods needs to start gradually with the most flexible team they had and then move the same method in the entire company.It is also essential to educate the team about the benefits of adopting the agile method so that active participation of the team members should be there which will increase the productivity of the company. The company should hire agile coaches to train the employees on dealing with the

situations that may arise while working in an agile environment. Apart from educating the internal team members of the company, it is crucial to inform the changes and the adoption of the agile method to the stakeholders as they are the valuable asset of the company. Stakeholders have a vested interest in the company so any kind of structural changes in the company may insist to withdraw the interest which will be detrimental to the company.

Recommendation

An Organisation that adopts the agile methodology in their project management gets the benefits of the effective management of the team through this method boosts the productivity of an organisation. A few things need to be recommended so that they can help in the process of project management, for effective team management it is necessary to adopt new practices and to train the employees properly, it is also necessary to conduct workshops to educate the team with the engineering practices so that they can be updated with the new technology. It is also necessary to collaborate with the leaders so that any kind of improvement necessary in the development of the product can be mitigated as early as possible.

Conclusion

From the above discussion it can be concluded that in the project management method, the application of the Agile methodology is very effective for the success of an organisation as it improves the productivity of the company. In Agile methodology, project management the workflow of the project is easily adapted to the ever-changing market environment and also embraces any kind of technological changes in the process of development. With continuous collaboration with the stakeholders, and customers throughout the process of project management helps the managers to identify any kind of loopholes from the feedback of the customers and to implement the changes that are required for proper product development.

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