



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

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Section

Master

Date

Thursday

17 / 05 / 2021.

Course Code

(PMG506)

Advanced project Management

Introduction

An organization's capacity to accomplish projects on time, within the established budget, and with target alignment with the overall strategy is critical in the current business environment of international business. Project managers play a major role in the implementation of Expand The project managers' roles are a lot to handle; they must have a strong understanding of both organization and analytical capabilities in addition to good social qualities.

The knowledge, skills, and tools applied to project management are of completing a project in compliance with specified specifications are sometimes referred to as project management practices. If you cannot recognize a problem, do not even think of devising a solution; if you are unable to apply a solution, you will never use one; and if you never use a solution, the problem will not be solved. Expanding a proposal is not only recognize does not take long time, but also doesn't take a great deal of effort in all the different stages.

Project management tools help people or groups stay organized and on top of their work at the same time. Typically, the programmed is referred to as project management software that may be purchased online or even for free. While the name suggests that project management tools are used by project managers exclusively, many non-project managers use them, as well. Team administration may require diverse project management solutions that can be personalized to suit the various sized and focused projects.

Identify and describe the purpose, scope, and objectives of the project. Display this information using an appropriate tool.

Literature Review

There are several project managements tools to select from, including the following:

To do the planning and project work all in one location or to have tools such as Tasks, Folders, Templates, Workflows, and Calendars that do this

expand: Organize yourself using project management tools such as assigning tasks, monitoring progress, and granting approvals in place of modifications, as well as self-

expanding add: Monitoring tools can include tools like a plus assigning project roles,

notification, project boards, and sending feedback for changes, with provisioning assignments, as well as advancement functionalities

The key elements of document editing, versioning, and file storage make sure that important files are found and retained, as well as important ones.

Evaluate productivity and growth with resources, and gather and report on relevant data about resources

Despite the difference in their names, programmed management tools and project management tools, programmed management tools have many of the same characteristics. Before we focus on the tools, let's have a look at the various programmers and initiatives.

Typically, projects have clearly marked beginnings and endings that go towards tangible results, usually marked out in terms of the near term with short-term deliverables. The issues of cost, resources, money, and time all play a significant role in a project's feasibility. On the other hand, programmers, like these comprise multiple projects when implemented as a whole accomplish a long-term business goal. The project manager is responsible for the overall management of the project's success, whereas the programmed manager is in charge of the entire project families, concerned with the success of the entire project organizations.

project management solutions have more advanced capabilities that permit projects to connect with one another at a higher level and aggregate information from the various subprojects Additionally, these tools may include:

Reporting, a transparent and objective picture of the whole-of-life problems with Gant charts

Individual project management solutions will enable you to organize your work. Program management tools, on the other hand, keep track of multiple smaller projects, working together towards a bigger corporate goal.

Methodology

Agile methodology is an approach to project management that uses four values and 12 principles to organize projects.

The four values of the Agile Manifesto are:

1. Individuals and interactions over processes and tools
2. Working software over comprehensive documentation
3. Customer collaboration over contract negotiation
4. Responding to change over following a plan

The Agile method works in ongoing sprints of project planning and execution, enabling you to continuously adapt and mature your plan, scope, and design throughout the project.

Agile projects require an iterative approach, which supports incremental, frequent, and consistent delivery of workable products to your customer or client. This innovative approach ensures your project team can consistently deliver concrete products without being delayed by changes and evolving requirements.

Agile has a high level of customer involvement and includes frequent reviews of progress with both the project team and the customer.

You can run an Agile project using several different frameworks. Some of the more popular ones include:

- Scrum
- Kanban
- Extreme Programming
- DSDM

Results

Here are the five most important advantages of going with a Scrum methodology:

determined to provide excellent client service

Until organize, traditional project management approaches had a project team only in touch with the customer at the outset and at the end of the project. If the project team members did not address initial or evolving customer needs correctly, they never found out until it was too late that they had failed to meet those expectations. This means there is constant communication and delivery during the entire processes, ensuring that your team is following your customer's lead and the work is on schedule so that the end product will be exactly what your client wants.

The capacity to roll with the punches

How will your project be affected if your customer called in at the last minute and requested an extensive adjustment to the scope? Traditionally, this project could not have been accomplished with fewer resources, or else there would have been large increases in both cost and schedule overruns. The goal of Agile is to integrate changes as quickly as possible, even if they are well along in the development process.

An enhanced delivery method

A continuous development method integrates iterative software development, assuring your team can keep coming up with products that can be built. Two to four weeks is a lot less than the standard, which is normally how long it takes for a working version of the product to be released instead of the completed after a long wait of six months or longer.

reduced the project risk

To reduce the danger of your project failing, you're producing a few different variations of the product often and seeking client input earlier in the process. A major project should be divided into iterations or draughts so that the probability of failure in each successive round

is lowered. A little problem is easier to identify during the development process than it is in production, because it is easier to get a hold of and resolve than a large-scale issue at the point of final testing. The project won't need to be expanded or need to be terminated at a later point because the original scope has been completed more quickly and without further expense.

An ongoing invention

agile fosters collaboration as well as constant feature advancement, which can help to expedite the creation of new merchandise and the development of new functionalities. Adding co-working team members and devises to the daily meetings fosters the generation of new ideas. A more intelligent way of approaching problems would be "empiricism", as the best solution prevails even if it originated from an anonymous or nonexistent source. In addition to this, the project team, any interested parties, and the customer can come up with a functional and feature set of requirements to build.

Reference

- Highsmith, J. (2009). *Agile project management: creating innovative products*. Pearson education.
- McBride, M. (2016). *Project management basics*. Apress.