


What's in it for you?

1. **What is Agile Project Management?**
2. **Why Agile Project Management?**
3. **Principles of Agile Project Management**
4. **Steps in Agile Project Management**
5. **Agile Project Management frameworks**
6. **Companies using Agile Project Management**



What is Agile Project Management?

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- ✓ Agile methodology allows teams to release segments of the project, that are completed
- ✓ Agile Project Management process does not require a project manager to have a central control

What is Agile Project Management?

Agile Development Cycle:

Product
Backlog



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Product
Backlog



Sprint
Backlog



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AGILE PROJECT MANAGEMENT

**Why Agile
Project Management?**

Why Agile Project Management?

Agile Project Management has been adopted by several types of industries, such as software companies, product development, marketing campaigns, and even in construction companies

Let's have a look at some reasons, that encourage industries to take up the Agile methodology:

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High product quality

- High product quality refers to smooth working of the project, keeping in mind the demands of all the stakeholders
- To ensure high product quality testing is performed all through the project development process
- Team performs regular check-ups to improve the project quality

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2/4



High customer satisfaction

- The customer will have full knowledge of what is being done in the project
- Continuous and fast delivery
- Customer may give changes at any point in the project

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Reduced Risk

- The project is divided into sprints, so even if the risk is vulnerable in the first sprint, it will not affect the second sprint
- Risk analysis is simultaneously done with other project processes
- Easy adaptation to the client's requirements all through the development phase

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Better and Faster ROI

- The project is completed in several versions, so the project is market-ready after a few versions
- Agile helps in the fast release of the project and help stay ahead in competition with other companies
- A project that took a long time to complete and deploy earlier can now be released as beta versions of the project

Principles of Agile Project Management

Principles for successful Agile Project Management



Principles of Agile Project Management

Principles for successful Agile Project Management

Customer is satisfied because of fast and continuous delivery

Shortening the time period between planning and delivery, increases the effectiveness of the work

The management and developers work together for better understanding and productive work

Accepting stakeholder changes, even late in the development phase

Better coordination with team members



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Monitoring of project progress at each iteration and finding solutions wherever needed

Trust and support the team to complete project's objectives

The most efficient and effective method of conveying information to and within a development team is face-to-face conversation

The requirements are understood, and the simplest solution to meet those requirements is taken

Scrum tools are used to clean up confusing code, which saves time



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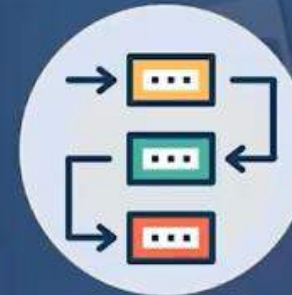
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Steps in Agile Project Management

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The 6 steps in Agile project methodology:



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Project Planning

Project planning is a step that ensures everyone understands the end goal and value of that project. Here, the scope is developed, and the work is estimated by breaking it into sprints or iterations

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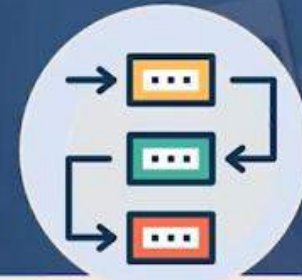
Roadmap creation

A roadmap is a list of all the features that the final product should have. It acts as a plan of action on how a project will evolve. Hence, the roadmap is an integral part of the plan as these features are built during each sprint

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The 6 steps in Agile project methodology:



Release planning

A plan is made for all feature releases and this plan is revisited at the beginning of each sprint. Agile project methodology uses shorter development cycles or sprints, with features released at the end of each cycle

Steps in Agile Project Management

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The 6 steps in Agile project methodology:

Sprint planning

Sprint planning ensures that each team member has an assigned task before the sprint begins. The stakeholders, need to plan what is to accomplished in that sprint and that the workload is evenly shared amongst the team



Steps in Agile Project Management

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The 6 steps in Agile project methodology:

Daily meetings

Daily meetings help the team in accomplishing their daily tasks in an efficient manner. During these meetings, each team member tells what they have accomplished the previous day and what is their task for today



Steps in Agile Project Management

Agile Project Management is adopted to shorten the development cycles and increase the frequency of project releases

The 6 steps in Agile project methodology:

Sprint review and retrospective

Sprint review and retrospective helps the team to inspect itself and plan to make changes to improve the forth coming sprints. Sprint retrospective takes place after the sprint review, and before the next Sprint planning



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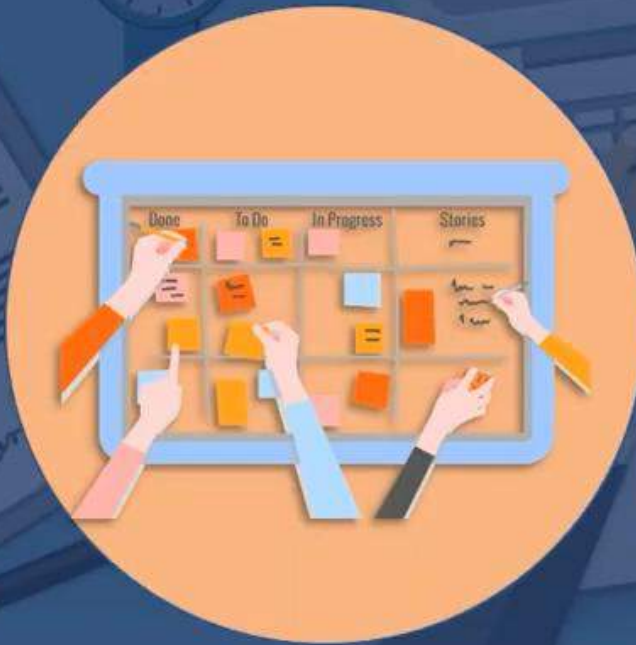
AGILE PROJECT MANAGEMENT

**Agile Project Management
frameworks**

Agile Project Management frameworks

Agile Project Management frameworks involve continuous planning and testing. There are different frameworks each of them having their own unique qualities

The most popular Agile frameworks are:



Kanban framework

Kanban framework is used to implement agile software development and requires real-time communication. Work items are represented on a Kanban board, allowing team members to see the state of each work at any time

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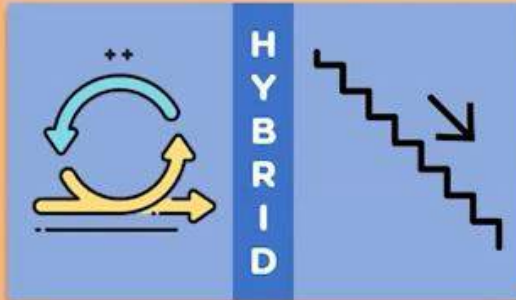
Scrum framework

Scrum framework helps in dealing with complex problems and making it possible to deliver high-quality products at the same time. It helps in managing complex, advanced work with a little emphasis on software development

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Hybrid framework

Hybrid framework is a combination of Agile methods with non-Agile methods. Hybrid can handle requirement changes, and it can deliver product in stages. In hybrid, planning is done using a waterfall approach, while the agile approach handles execution and delivery

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Lean framework

The lean framework works on the concept of maximizing customer value with fewer resources and zero waste. Hence, lean focuses on the flow of products and services instead of focusing on separate technologies. Companies can act upon with changing customer needs and requirements

Companies using Agile Project Management

Some of the well known organizations that use Agile Project Management are:

