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Project management

Project management refers to the practice of initiating, planning, executing, controlling, and closing the work of a team to achieve specific goals and meet specific success criteria within a specified time frame. Project management involves coordinating resources, managing budgets, and ensuring that project goals and objectives are met on time and within budget.

Project management is used in a wide variety of industries, including construction, engineering, software development, healthcare, and education. The goal of project management is to achieve project objectives by applying a set of standardized processes, techniques, and tools. It involves managing project scope, resources, schedules, budgets, and risks, as well as communicating with stakeholders and team members to ensure that everyone is aligned and working towards the same goals.

Effective project management requires strong leadership, communication, problem-solving, and decision-making skills. Project managers are responsible for creating and managing project plans, delegating tasks, monitoring progress, and adjusting plans as necessary to ensure successful project completion.

What is a Project Management?

More specifically, what is a project? - It's a temporary endeavor undertaken to create a unique product, service or result.

A project is **temporary** in that it has a defined beginning and end in time, and therefore defined scope and resources.

And a project is **unique** in that it is not a routine operation, but a specific set of operations designed to accomplish a singular goal.

Project management, then, is the application of knowledge, skills, tools, and techniques to project activities to meet the project requirements.

— [PMI.org](https://www.pmi.org/)

Project Management

- [PMBOK](#)
- [PRINCE2](#)
- [ISO 21500](#)

Agile Project Management

- See [Agile](#)

Digital Project Management

- Digital Project Management
- [Digital Transformation \(DX\)](#)
- [Citizen Development](#)
- Digital Marketing

BIM

- See [BIM](#)

What is project management?

Project management is the process of planning, organizing, and managing resources to achieve specific goals and objectives within a defined timeline. What are the key elements of project management? The key elements of project management are scope, time, cost, quality, communication, risk management, and stakeholder management.

What is a project plan?

A project plan is a document that outlines the objectives, scope, deliverables, timeline, budget, and resources required to complete a project.

What is a project charter?

A project charter is a document that defines the scope, objectives, and stakeholders of a project. It is typically created at the beginning of a project and serves as a reference point throughout the project lifecycle.

What is a project scope?

Project scope defines the boundaries of a project, including what is included and what is not included. It includes the objectives, deliverables, timelines, resources, and constraints of the project.

What is project scheduling?

Project scheduling is the process of determining the timeline for completing the project. It involves

creating a detailed project plan, identifying dependencies, and allocating resources.

What is project risk management?

Project risk management is the process of identifying, assessing, and mitigating risks that could impact the success of the project. It involves identifying potential risks, analyzing their likelihood and impact, and developing strategies to minimize or eliminate them.

What is project quality management?

Project quality management is the process of ensuring that the project meets or exceeds the expectations of stakeholders. It involves establishing quality objectives, monitoring progress, and implementing corrective actions when necessary.

What is stakeholder management?

Stakeholder management is the process of identifying, engaging, and communicating with stakeholders to ensure that their needs and expectations are met. It involves identifying stakeholders, understanding their requirements, and developing strategies to address their concerns.

What is change management in project management?

Change management in project management is the process of managing changes to the project scope, timeline, or budget. It involves identifying the need for change, assessing the impact of the change, and implementing the change while minimizing disruption to the project.

Project methods

- [PRINCE2](#)
- Props
- PPS
- Pejl (swedish)
- PPM (Project Portfolio Management)
- PMO
- Program Management

The Project Economy

- [The Project Economy](#)
- [PMI](#)

. VS .

- Product Development
- Line Management
- Value Streams

Project Management RSS

Snippet from *Wikipedia*: **Project management**

Project management is the process of leading the work of a team to achieve all project goals within the given constraints. This information is usually described in project documentation, created at the beginning of the development process. The primary constraints are scope, time, and budget. The secondary challenge is to optimize the allocation of necessary inputs and apply them to meet pre-defined objectives.

The objective of project management is to produce a complete project which complies with the client's objectives. In many cases, the objective of project management is also to shape or reform the client's brief to feasibly address the client's objectives. Once the client's objectives are clearly established, they should influence all decisions made by other people involved in the project – for example, project managers, designers, contractors, and subcontractors. Ill-defined or too tightly prescribed project management objectives are detrimental to decision-making.

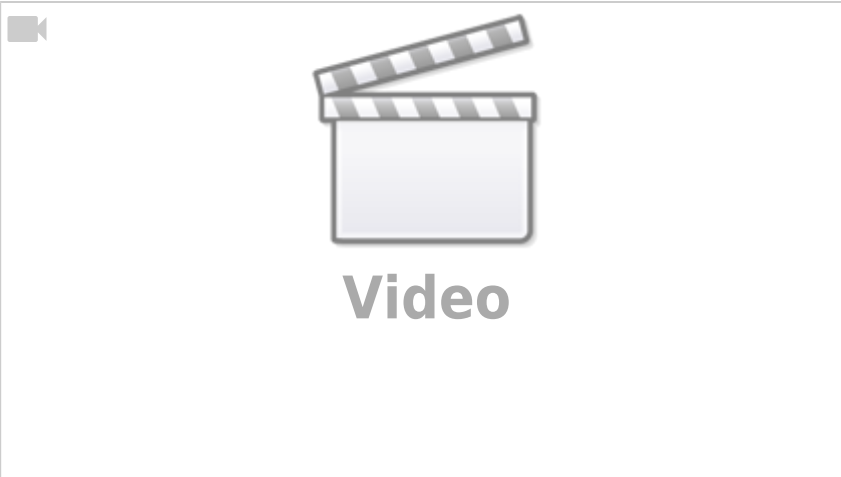
A project is a temporary and unique endeavor designed to produce a product, service, or result with a defined beginning and end (usually time-constrained, and often constrained by funding or staffing) undertaken to meet unique goals and objectives, typically to bring about beneficial change or added value. The temporary nature of projects stands in contrast with business as usual (or operations), which are repetitive, permanent, or semi-permanent functional activities to produce products or services. In practice, the management of such distinct production approaches requires the development of distinct technical skills and management strategies.

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GitHub Topics

- <https://github.com/topics/project-management>

Project management is the practice of initiating, planning, executing, controlling, and closing the work of a team to achieve specific goals and meet specific success criteria at the specified time.



Disciplines & Methodologies

- Agile software development
- Agile Unified Process
- Business Process Management (BPM)
- Capability Maturity Model Integration
- Customer relationship management
- Decision-making
- Digital Transformation
- Disciplined agile delivery
- Dynamic systems development method
- Earned value management
- Enterprise Search
- Extreme programming (XP)
- Fusion development
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- Kanban
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- Large-Scale Scrum
- Lean software development
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- Pair Programming
- Presentation Techniques
- Product breakdown structure (PBS)
- Program management
- Project portfolio management (PPM)
- Pugh Matrix
- Rapid application development
- Rational Unified Process
- Risk management
- Solution Architecture Document (SAD)
- SAFe
- Scrum
- Software development process
- Software documentation
- Software project management

- [Software quality assurance](#)
- [Software quality management](#)
- [Spiral model](#)
- [Static program analysis](#)
- [Test-driven development](#)
- [TOGAF](#)
- [Visual Collaboration](#)
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- [Work breakdown structure \(WBS\)](#)

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- [12 Best Software Development Methodologies with Pros and Con](#)
- [A Quick Guide to Stakeholder Maps](#)
- [Agile Lifecycle Management Tools](#)
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See also:

- [Enterprise Architecture \(EA\)](#)
- [Knowledge Management](#)

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