



Why project management?

- Many books in Project management have been written on how to manage a project successfully. But why some of projects fail and most of them exceed the expected time or resources?
- The answer is not so easy because the project manager is dealing with, different parties, different environments, different people and has to reach project goals.
- The excellent project manager that perform well have the **Know-how** and the **Do-how** skills.



Why project management?

- It helps ensure that projects are completed on time, within budget, and the expected quality.
- It decrease time to get market, manage expenses, and increase profitability.
- improve products and services selling by differentiating from their competitors.
- It helps identify and mitigate risks, manage resources effectively, and ensure **stakeholders** (persons or entities who have an interest in a given project, المالكون) are well informed and involved throughout the project.
- It allows managers to plan and manage strategic initiatives that generate new revenue in expanding sectors of the market.
- Effective project management requires strong communication skills.



Project management history

- Project management has been around since the beginning of time. Noah (نوح عليه السلام) was a project manager. He took careful planning and execution to construct the ark (the boat) and gather two of every animal on earth, including all the necessary food and water (Larry Richman, 2011).
- Project management has been practiced for thousands of years since the Egyptian era, **But** informel (or unkown) techniques and tools.
- 1900 → 1950 firsts concepts of project management Henry Gantt invented bar charts and planning/scheduling helped in managing projects.
- Aproximately **by 1950**, that modern **project management recognized** as individual subject within the area of economic sciences.
- Then high profil and expensive projects such areospatial/military projects used operations research methods for optimization has led to P.E.R.T (Program Evaluation Review Technique) developed by the US Navy to simplify the planning and scheduling of large and complex activities with many contractors and sub-contactors.



Project management history

- 1960→1970 business managers look for new techniques and organizational structures that would help them adapt quickly to changing environments and use the CPM (Critical path method) planning and scheduling.
- 1970→ 1980 The construction industry drive the change by developing new methods/ techniques and standards, and harvest the potential benefits of formal project management. Large-scale initiatives such as quality check and quality improvement so the managers find in project management the right tool to track this large scale projects.



Project management history

- 1980→ 1990 The manufacturing and the software development sectors started to adopt and implement sophisticated project management practices to success their projects.
- 1990 the project management theories, and techniques were widely received by different industries and organizations, its implementation gain the western world and Japan.
- 1990 its the globalization era where supply chain prolifer, so industries realized that the size and complexity of their activities were unmanageable without formal project management.



Modern Project management

- Today project management is a very high priority to all companies and organizations in profit or non-profit sectors whether small or large, it is number one solution in business operations by using a structured approach for planning.
- Project management is not just for project managers. Team members need to know how to carry out their parts of the project, and business executives need to understand how to support project management efforts in the organization (Larry Richman, 2011).
- Modern project management shift focus from the traditional approach to a more flexible, adaptable, and collaborative approach.



Modern Project management

- Modern Project management uses effective communication tools to ensure project success where teams often consist of individuals from diverse backgrounds, cultures, and countries.
- It makes a roadmap according to the agreed guidelines and the **Communication plan** in a smooth way among team members, stakeholders, and other concerned parties.
- Modern project management means **Active listening** (message being conveyed) and **Transparency** in communication; stakeholders should have accurate information about project progress.
- It is **Collaboration** and **Feedback**; team members should actively share information and provide timely and constructive feedback to each other and the project manager.



Modern Project management

- Today project management is well regulated and promoted; there are many international organizations that provide professional development programs such as IPMA (International Project Management Association).
- PMI® (Project Management Institute) offers credentialed certifications (such as the PMP® Project Management Professional) to managers with competency in project management through education and experience by passing certification exams.