



PROJECT MANAGEMENT INTRODUCTION

PROJECT DEFINITION

A project is a **temporary** endeavor undertaken to create a **unique** product or service.



PROJECT DEFINITION

A project is a **temporary** endeavor undertaken to create a **unique** product or service.

- ❑ Temporary means that it has a definite start and end.
 - The project end is reached when the project objective is reached or it is clear that it would not be reached.
- ❑ Temporary does not mean it should be for a short duration



PROJECT DEFINITION

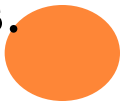
A project is a **temporary** endeavor undertaken to create a **unique product or service**.

- ❑ The project uniqueness is in its deliverables.
- ❑ Even if the projects are similar (office buildings) yet different owners, different designs, ... etc.



PROJECTS VS OPERATIONAL WORK

- Work can be categorized either projects or operations.
- Although there are some similarities between both types of work:
 - Performed by people.
 - Limited resources.
 - Needs planning, execution and controlling.
- Operations are an ongoing process, while projects are unique.
- Operations objectives is to sustain running business.



EXAMPLES OF PROJECTS

- Building construction



EXAMPLES OF PROJECTS

- Building construction
- New product introduction

A starburst graphic with a jagged, multi-pointed border, filled with a dark orange color. It contains the text "New! Improved!" in a bold, white, sans-serif font.

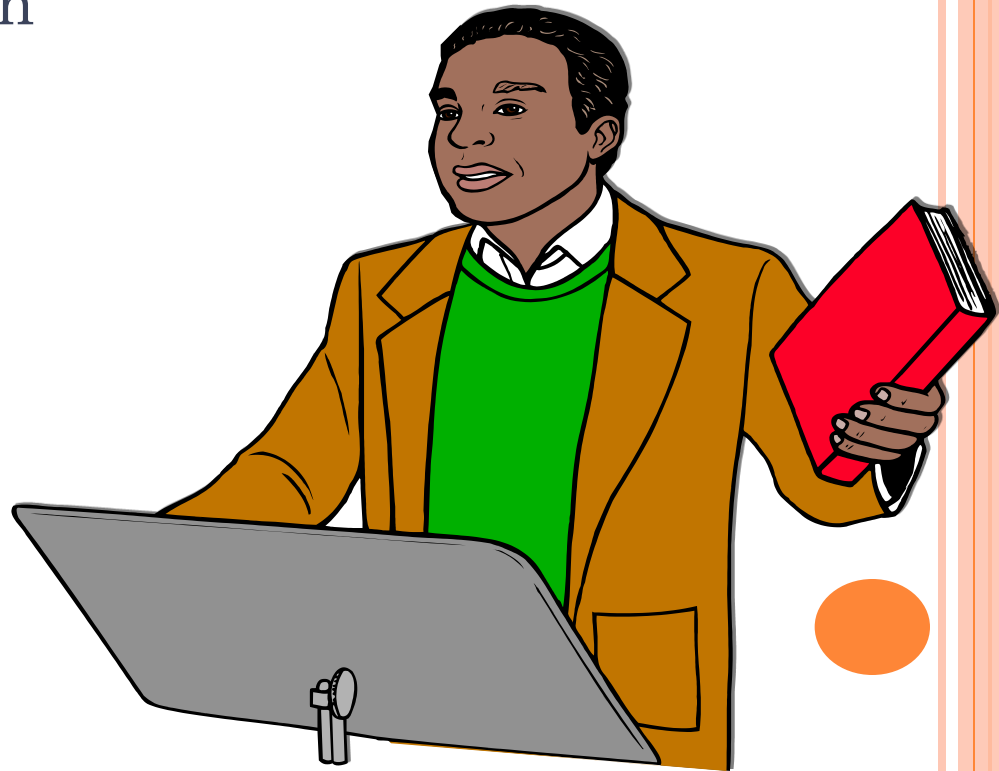
**New!
Improved!**

A large orange rectangular box with a yellow border. Inside the box, there is a grey horizontal bar at the top containing the text "Medium to Tall". Below this bar is a yellow horizontal bar containing the text "No nonsense" in a bold, black, sans-serif font. To the right of the bottom right corner of the orange box is a solid orange circle.

**Medium to Tall
No nonsense**

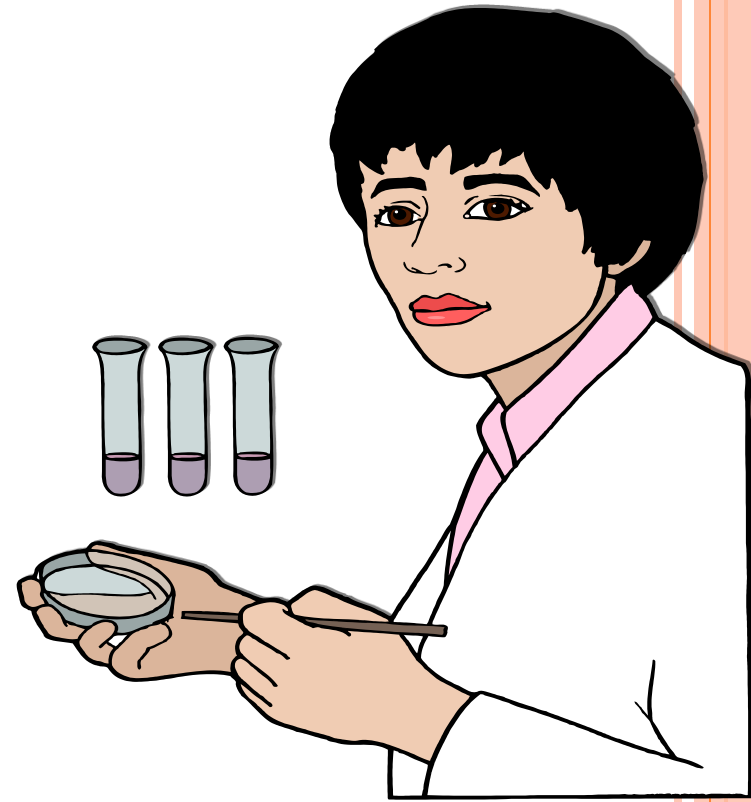
EXAMPLES OF PROJECTS

- Building construction
- New product introduction
- Training seminar



EXAMPLES OF PROJECTS

- Building construction
- New product introduction
- Training seminar
- Research project



PROGRAM DEFINITION

A group of related projects managed in a coordinated way. Programs usually include an element of ongoing activity.



PROJECTS AND STRATEGIC PLANNING

- Projects are means of organizing activities that can not be organized during the organization normal time.
- Therefore projects are utilized to achieve organization's strategic goals.
 - Meeting market demand.
 - A customer request.
 - Technological advance.



WHAT IS “PROJECT MANAGEMENT?”

“Project management is the art of creating an illusion that any outcome is the result of a series of predetermined, deliberate acts when, in fact, it was dumb luck.”



WHAT IS “PROJECT MANAGEMENT?”

“Project management is the planning, organizing, directing, and controlling of company resources for a relatively short term objective that has been established to complete specific goals and objectives.”



PROJECT MANAGER MAIN CONCERNS

A series of activities and tasks that

- Have a specific objective to be completed within certain specifications;
- Have defined start and end dates;
- Have funding limits (if applicable);
- Consume resources (i.e., money, people, & equipment)



PROJECT MANAGER MAIN CONCERNS

A series of activities and tasks that have

- SCOPE
- Have defined start and end dates;
- Have funding limits (if applicable);
- Consume resources (i.e., money, people, & equipment)



PROJECT MANAGER MAIN CONCERNS

A series of activities and tasks that have

- SCOPE
- TIME
- Have funding limits (if applicable);
- Consume resources (i.e., money, people, & equipment)



PROJECT MANAGER MAIN CONCERNS

A series of activities and tasks that have

- SCOPE
- TIME
- RESOURCES



THE THREE PROJECT CONSTRAINTS:

- SCOPE
- TIME
- RESOURCES

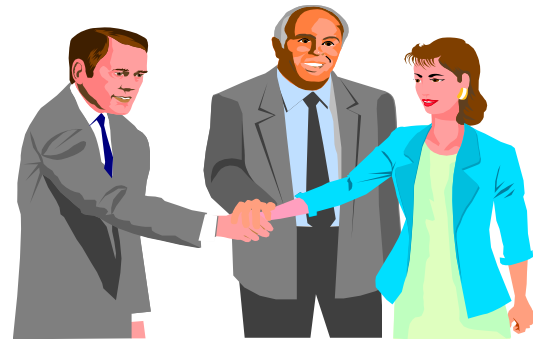


PROJECT TRIANGLE



PROJECT STAKEHOLDERS

Project Stakeholders are individuals and organizations who are actively involved in the project, or whose interests may be positively or negatively affected as a result of project execution or successful project completion



PROJECT STAKEHOLDERS

Project Stakeholders are individuals and organizations that are actively affected as a result of project execution or project completion; they may also exert influence over the project and its results. Project Stakeholders may include:

- Project team members
- Project sponsor
- Clients and customers
- The public
- Performing organization
- Vendors
- Funding sources
- Government agencies



PROJECT MANAGEMENT ACTIVITIES

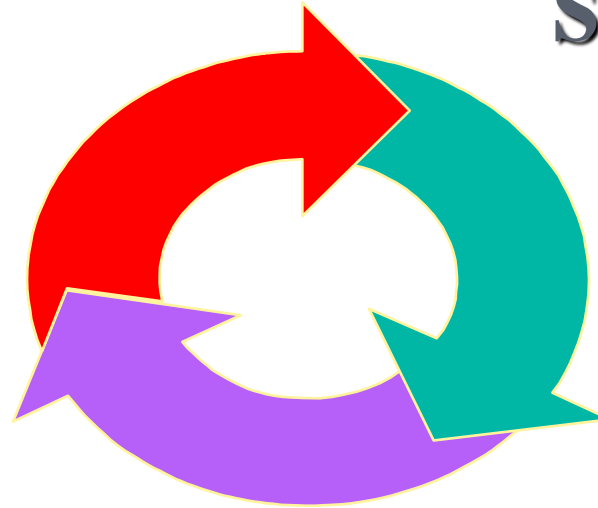
4/03/2007

Planning

- Objectives
- Resources
- Organization
- Work break-down

Scheduling

- Project activities
- Start & end times
- Network



Controlling

- Monitor, compare, revise, action



PROJECT OBJECTIVES MUST BE...

- ▶ Written
 - Clarification
 - Accessible to all
 - Conflict resolution (later)
- ▶ Specific
 - Not vague or fuzzy
- ▶ Achievable & attainable
- ▶ Measurable
- ▶ Fit organizational objectives
- ▶ Comprehensive



PROJECT OBJECTIVES MUST BE...

- Deliverable
 - A single end result
- Realistic
- Time limited

