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S M A R T C I T I E S

**PROJECT MANAGEMENT PROFESSIONAL**

**PMP OVERVIEW**

**ONLINE TRAINING BY KRISHNAJI PAWAR**

LEED AP(BD+C), GSAS CGP, GCP, ISO 14001

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# BEYOND

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MODULE

3

## Skills Every Good Project Manager Needs

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The title "PROJECT MANAGEMENT" is written on a white notepad. "PROJECT" is in red, hand-drawn, block letters, and "MANAGEMENT" is in blue, hand-drawn, block letters. The notepad is on a blue wooden surface. To the left of the notepad are a pair of magnifying glasses and a red marker. To the right is a blue marker.

**PROJECT  
MANAGEMENT**

The title "PROJECT MANAGEMENT PROFESSIONAL - PMP OVERVIEW" is written in a bold, white, sans-serif font with a drop shadow. It is positioned on the left side of the image, with a small gold square to its left.

**PROJECT  
MANAGEMENT  
PROFESSIONAL -  
PMP OVERVIEW**

Project management is a complex discipline that requires a blend of technical expertise, interpersonal skills, and strategic insight. A project manager (PM) plays a crucial role in steering projects towards their objectives, ensuring they are completed on time, within scope, and under budget.

# Learning Objectives

- Introduction
- Define Project Management Foundations
- Skills Every Good Project Manager Needs
- Assessing Project Needs
- Delivering Business Value
- Project Management Professional: PMP Credential
- Summary and Resources
- PMP Quiz: Test Your Knowledge!



## INTRODUCTION

- **Leadership Skills:** Inspires and guides team members towards achieving project goals. Fosters an environment of collaboration and motivation.
- **Communication Skills:** Clear and effective communication is crucial for project managers. Uses various communication channels like weekly status meetings, project management software updates, and email summaries.
- **Risk Management:** Identifies, assesses, and mitigates potential risks that could impact project success. A competent project manager anticipates challenges and develops strategies to address them.
- **Time Management:** Efficient planning and execution of tasks to meet project deadlines. This includes scheduling, prioritizing, and delegating tasks effectively.
- **Problem-Solving Skills:** Identifying issues, analyzing root causes, and implementing solutions effectively. A successful project manager navigates challenges during the project lifecycle.
- **Negotiation Skills:** Discussing and reaching agreements that satisfy stakeholder needs while maintaining project integrity.
- **Technical Proficiency:** Understanding relevant technical aspects for effective communication and informed decision-making.

# ESSENTIAL SKILLS OF PROJECT MANAGEMENT

## Technical Project Management Skills

- Proficient in methodologies like Agile, Waterfall, and Lean project management.
- Familiarity with Gantt charts, the Critical Path Method (CPM), and project management software.
- Understanding coding principles, software architecture, and quality assurance processes.

## Business Management and Strategic Skills

- Understanding the broader business context in which projects operate.
- Aligning project goals with the strategic vision of the organization.
- Navigating through changing tides and weather patterns.

## Communication Skills

- Excellent in both verbal and written communication.
- Ensuring clarity and understanding among team members, stakeholders, and clients.
- Facilitating discussions that promote collaboration and transparency.





# ORGANIZATIONAL AND PLANNING SKILLS

- Critical for managing multiple tasks, deadlines, and resources.
- Development of detailed project plans that outline tasks, timelines, resource allocations, and risk management strategies.
- Maintaining organized documentation and schedules to quickly identify bottlenecks and adjust plans as necessary.



## Conflict Management Skills

- Skill in conflict management to address disagreements or misunderstandings among team members.
- Active listening, empathy, and the ability to mediate discussions to find mutually agreeable solutions.

## Skills for Negotiating and Influencing

- Ability to secure resources, manage stakeholder expectations, and navigate organizational politics.
- Negotiation of project scope, budget, and timelines that align with both client expectations and organizational constraints.

# UNDERSTANDING PROJECT MANAGEMENT PROCESS GROUPS

## Initiating Process Group

- Marks the formal start of a project.
- Involves defining the project at a broad level and obtaining authorization.
- Includes two primary processes:
  - Develop Project Charter: Outlining objectives, stakeholders, high-level requirements, and constraints.
  - Identify Stakeholders: Identifying all individuals, groups, or organizations affected by the project.

## Planning Process Group

- Formulates a comprehensive plan outlines the execution, monitoring, and control of the project.
- Key processes include:
  - Develop Project Management Plan: Integrating all project planning components.
  - Define Scope: Detailing what is included and excluded from the project.
  - Create Work Breakdown Structure (WBS): Hierarchical decomposition of the total scope of work into smaller components.
  - Develop Schedule: Outlining the timeline for project activities.
  - Estimate Costs: Approximating the costs associated with project resources.



# EXECUTION PROCESS GROUP

Entails coordinating people and resources, managing stakeholder engagement, and tracking project performance.

## **Key processes include:**

- Direct and Manage Project Work: Carrying out the project management plan and guaranteeing the completion of project deliverables.
- Manage Project Knowledge: Utilizing existing knowledge and creating new knowledge to enhance project performance.
- Acquire Resources: Obtaining the necessary human, physical, and financial resources.
- Manage Stakeholder Engagement: Engaging stakeholders through communication and involvement to foster support and address issues.



# MONITORING AND CONTROLLING PROCESS GROUP

Responsible for tracking, reviewing, and regulating the project's progress and performance.

## Processes include:

- Monitor and Control Project Work: Ensuring alignment with the project management plan.
- Perform Integrated Change Control: Reviewing and approving changes to the project scope, schedule, or budget.
- Validate Scope: Ensuring that the project deliverables meet the defined scope and are accepted by stakeholders.



# IDENTIFYING A PROJECT'S METHODOLOGY OR APPROACH: LIFE CYCLE CATEGORIES

## Predictive Life Cycle Methodology



- Characterized by a linear and sequential approach to project management.
- Divides the project into distinct phases: initiation, planning, execution, monitoring, and closure.
- Features include defined requirements, structured phases, and emphasis on documentation.
- Best suited for projects where requirements are well understood and unlikely to change.
- Suitable for industries like construction, manufacturing, and pharmaceuticals due to regulatory compliance and extensive documentation.

# AGILE METHODOLOGIES

- Depart from the linearity of the predictive model, focusing on flexibility, collaboration, and rapid delivery of functional components.
- Features include iterative development, customer collaboration, and emphasis on adaptability.
- Suitable for environments characterized by uncertainty, rapidly changing requirements, and a need for quick delivery.
- Beneficial for software development, product design, and creative projects.



# HYBRID PROJECT LIFE CYCLES

- Combine elements of both predictive and agile methodologies to create a tailored approach.
- Features include flexibility and structure, risk management, and customization.
- Beneficial for projects that encompass both stable and dynamic elements.
- Beneficial for industries like event management, healthcare, and technology development.





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# THANK YOU

