

2. Project Management Body of Knowledge

2.1. Understanding of project environment 2.2. General management skill, effective and ineffective project managers

2.3. Essential interpersonal and managerial skills, energized and initiator, communication, influencing, leadership, motivator, negotiation, problem solver, perspective nature, result oriented, global illiteracies, problem solving using problem trees.

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Project Management Body of Knowledge (PMBOK)

- PMBOK® is short for Project Management Body of Knowledge, which describes project management practices that are common to 'most projects, most of the time'.
- 'The PMBOK® Guide is process-based, meaning it describes work as being accomplished by processes.
- The processes are described in terms of:
 - Inputs (documents, plans, designs, etc.),
 - Tools and Techniques (mechanisms applied to inputs), and Outputs (documents, plans, designs, etc.).
- The PMBOK® is published by the Project Management Institute (PMI), which was formed in the USA in 1969.

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PMBOK includes 5 process groups and 9

knowledge areas

- There are five process groups
- Knowledge areas:

included in the guide:

- Project Integration Management
- Initiating Process Groups
- Project Scope Management
- Planning Process Groups
- Project Time Management
- Executing Process
- Project Cost Management

Groups

- Project Quality Management
- Monitoring and
- Project Human Resource

Controlling Process

Management

Groups

- Project Communications
- Closing Process Groups

Management

- Project Risk Management
- Project Procurement

Management

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Project manager

- A project manager is the person responsible for leading a project from its inception to execution.

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Understanding of project environment

- External Environment
 - Economic
 - Refers to a group of stakeholders
 - Political
 - Socio cultural
 - Government
 - Technological
 - Media Suppliers, contractor, customers competitors
- Internal Environment
 - Objective
 - Resource
 - Structure
 - Constraints

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- Effective Project Managers
- Ineffective project managers
 - Lead by example
 - Set bad examples
 - Are visionaries

- Are not self-assured
- Are technically competent
- Lack technical expertise
- Are decisive
- Are poor motivators
- Are good communicators
- Are good motivators
- Stand up to top management
when necessary
- Support team members
- Encourage new ideas

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General management skill

- Planning
- Organizing
- Staffing
- Executing
- Controlling

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Essential interpersonal and Managerial Skill

- Interpersonal skills are the qualities and behaviors we exhibit while interacting with other people.
- Energized and initiator
- Communication
- Influencer

- Leadership
- Motivator
- Negotiator
- Problem solver
- Perspective nature
- Resulted oriented
- Global literacy

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Problem Tree

- A problem tree analysis is a pictorial representation of a problem its causes and its effects.
- This analysis tool helps the project team get a quick glance of how a range of complex issues contribute toward a problem how this problem branches out into a set of effects.
- Both causes and consequences are fitted into the diagram on a hierarchical preference basis

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