



5 min Video about

(Miscate black and Marke Brown College Allows (Marke Brown College





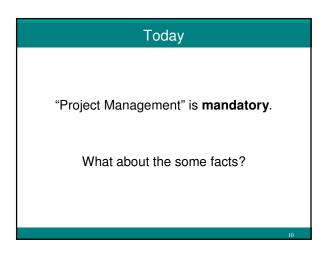
Agenda

- The need for Project Management
- · Defining a "project"
- · Main characteristics of a project
- Project management & project life cycle
- Success, Chalenges and Failures
- Project Management Areas
- Project Documentation Templates
- Some Practical Issues (From experience)



So wh	at is new?		
A fo	ew decates ago	Today	
Change in technology	Slower	Faster	
Competition	Lower	Higher	
Individual time	Higher	Less	
Stress	Less	Higher	
Need for new ways to complete a task	No/Less	Higher	
		8	8

Today Can we survive by doing the same thing? We are forced to change 1. New products and services 2. Existing products and services Tefficiency Cost Quality



The R	eality
Projects can be	
Consistently late	
Over budget	
Half-cooked	
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The	Reality
Projects can be	PM is about
Consistently late	LeadershipIntegrity
Over budget	Decision makingPlanning
 Half-cooked 	Time management
Hid	dden
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To understand Project Management

What is a project?

A Scenario

Let's assume that you are working in an IT company which produces SW for the health sector,

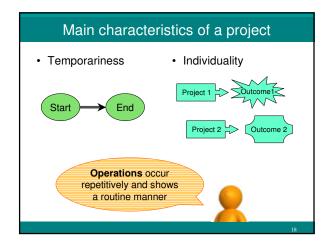
you are dealing with "hospital information management systems".

What can be the projects?

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A Scenario What can be your projects? "Hospital information management system" "Billing or pharmacy modules of it" "Giving support to customers and bug fixing" "Developing version 3.5.43 of pharmacy module (Release date: June 1)"

What makes a project different? Work "Hospital information management system" Task "Billing or pharmacy modules of it" Product "Giving support to customers and bug fixing" Operation "Developing version 3.5.43 of pharmacy module (Release date: June 1)"



Other characteristics of a project (I)

- · Non repetitive enterprise
 - Something new for the people who work on it.
- · Clear and logical sequence of events
 - Allows accurate tracking and controlling the execution
- · Beginning, Middle and End
 - End of Prj-1 may coincide with beginning of Prj-2
 - No completion → not a project but a routine activity

Other characteristics of a project (II)

- · Clear and defined objective
 - Every project must have well defined targets
- · Conducted by people
 - Even when modern tools are available
- · Projects use resources
 - Specifically allocated to certain works

Other characteristics of a project (III)

- · Predefined parameters
 - Requires establishment of rates for time, costs, personnel, material and equipment involved, desired quality of project



- Impossible to establish with total accuracy
- Needed as a reference point for the project and its evaluation



Definition of "project"

A project is

a nonrepetitive enterprise,

characterized by a clear and logical sequence of events, with a beginning, middle and end,

focused on the accomplishment of a clear and defined objective on deadline, with costs, resources and quality parameters specified.

So

What is **Project Management?**

Project Management

The application of

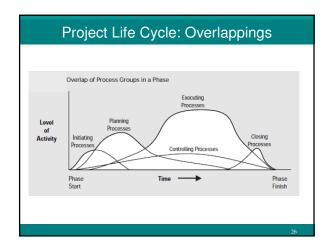
knowledge, skills, tools, and techniques

to project activities

in order to meet or exceed

stakeholder needs and expectations. (PMI, PMBOK-Guide)

Project Life-Cycle: Phases 1. Initiating phase 2. Planning phase 3. Executing phase 5. Closing phase Monitoring and Controlling Phase Initiating Planning Executing Closing



Three Resolution Types (from Chaos Report)

1. Project success

→16.2%

 completed on-time and on-budget, with all features and functions as initially specified.

2. Project challenged

→ 52.7%

 Completed and operational but over-budget, over the time estimate, and offers fewer features and functions

3. Project impaired (canceled)

→ 31.1%

 The project is cancelled at some point during the development cycle.

http://www.projectsmart.co.uk/docs/chaos-report.pdf

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Chaos Report → Why projects succeed?

Project Success Factors	% of Responses
User Involvement	15.9%
Executive Management Support	13.9%
3. Clear Statement of Requirements	13.0%
4. Proper Planning	9.6%
Realistic Expectations	8.2%
Smaller Project Milestones	7.7%
7. Competent Staff	7.2%
8. Ownership	5.3%
9. Clear Vision & Objectives	2.9%
10. Hard-Working, Focused Staff	2.4%
Other	13.9%

Chaos Report → Why projects challenge?

Project Challenged Factors	% of Responses
Lack of User Input	12.8%
2. Incomplete Requirements & Specifications	12.3%
3. Changing Requirements & Specifications	11.8%
Lack of Executive Support	7.5%
5. Technology Incompetence	7.0%
6. Lack of Resources	6.4%
7. Unrealistic Expectations	5.9%
8. Unclear Objectives	5.3%
9. Unrealistic Time Frames	4.3%
10. New Technology	3.7%
Other	23.0%

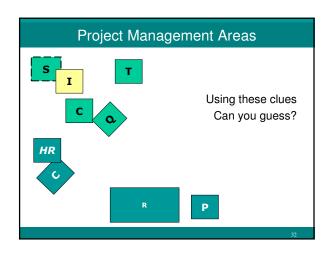
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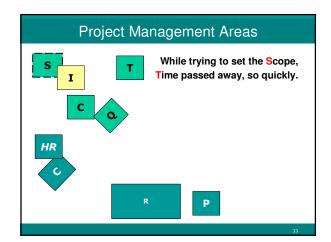
→ Why impaired and ultimately cancelled?

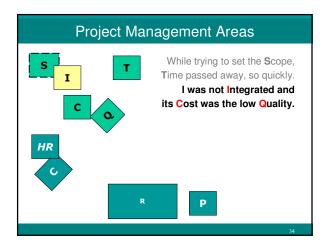
roject Impaired Factors	% of Responses
. Incomplete Requirements	13.1%
. Lack of User Involvement	12.4%
. Lack of Resources	10.6%
. Unrealistic Expectations	9.9%
. Lack of Executive Support	9.3%
 Changing Requirements & Specification 	ns 8.7%
. Lack of Planning	8.1%
. Didn't Need It Any Longer	7.5%
. Lack of IT Management	6.2%
Technology Illiteracy	4.3%
ther	9.9%

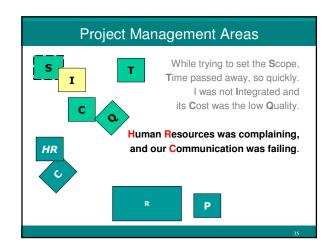
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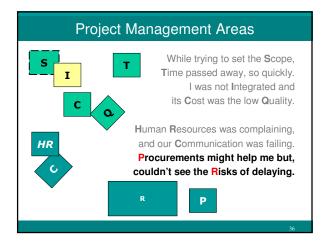


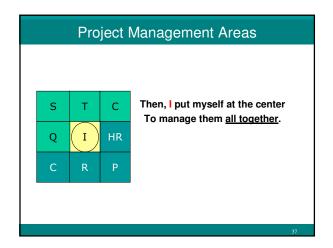


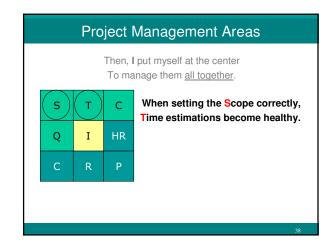


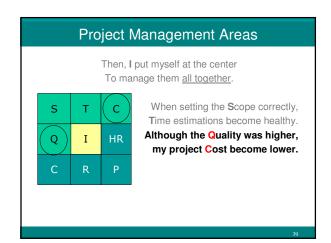


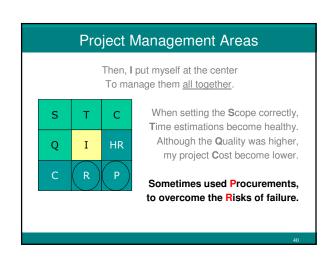


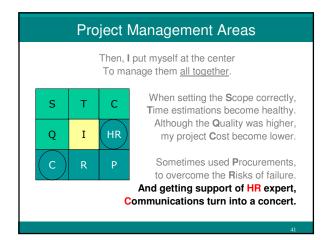


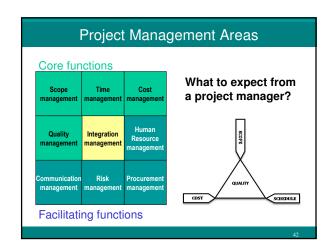


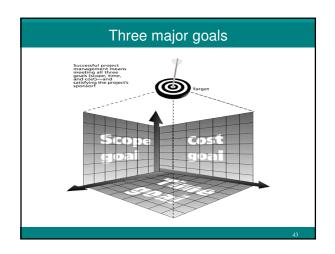


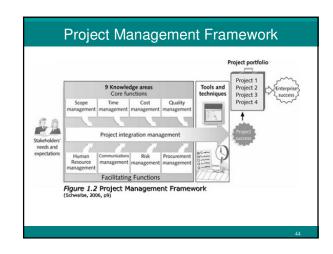


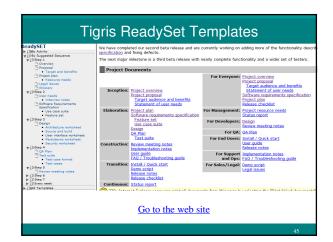


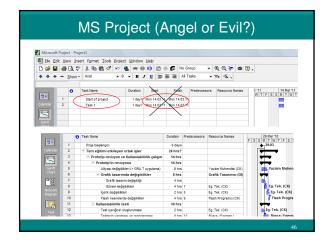


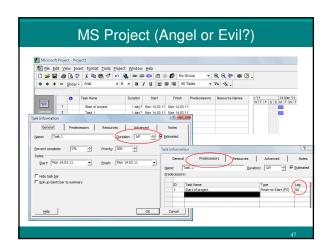














Expect Change



- Being on the other side is different
- Being a project manager after years of software development
- Be ready for the traps

To Get Certified

- PMI Project Management Institute
- PMP
 Project Management Professional
- PMBOK Project Management Body of Knowledge

References

- "Practical Guide to Project Planning", by Ricardo Viana Vargas
- "Herkes için proje yönetimi" by Hayal Şenyurt
- Chaos report
- PMBOK Guide

Questions



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