Project Management Presentation

LEAN SIX SIGMA BLACK BELT PRESENTATION

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Project Management Presentation

1) What is Project Management
2) What are some of its popular components
3) How can it be used in the real world
4) How does it relate to LSS
5) Exercise - Review

Project Management Presentation

Project Definition:

"A project is a temporary endeavor undertaken to create a unique product or result."

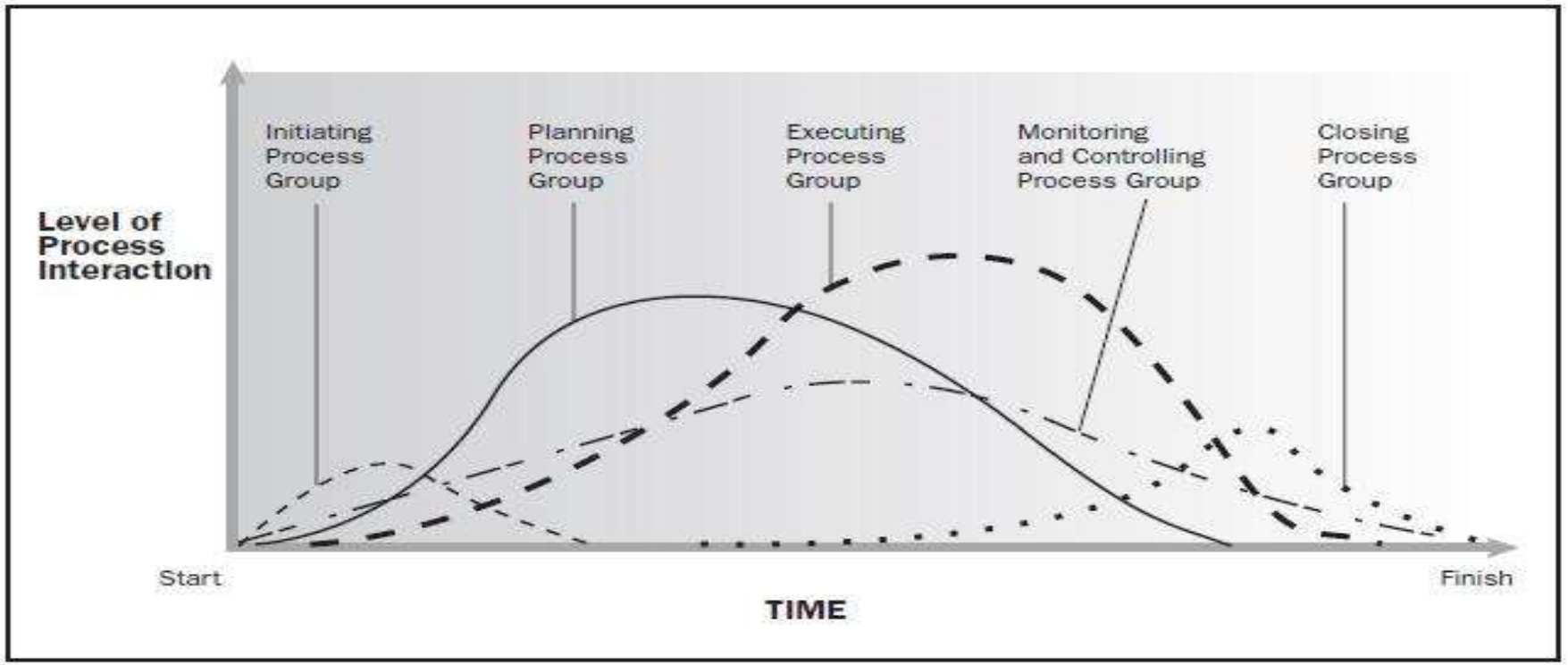
- History, characteristics, examples
- Projects, Programs, Portfolios
- PM's role / challenges

  Leadership, Management, Ethics

Project Management Presentation

Five Project Process Groups

1) Initiation 2) Planning 3) Execution 4)Monitoring & Controlling 5) Closure



Project Management Presentation

Popular Components

- Scope

  Statement of Work / Specifications,

  Scope Creep

- Deliverables, Milestones

Constraints

- Work Breakdown Structure (WBS)

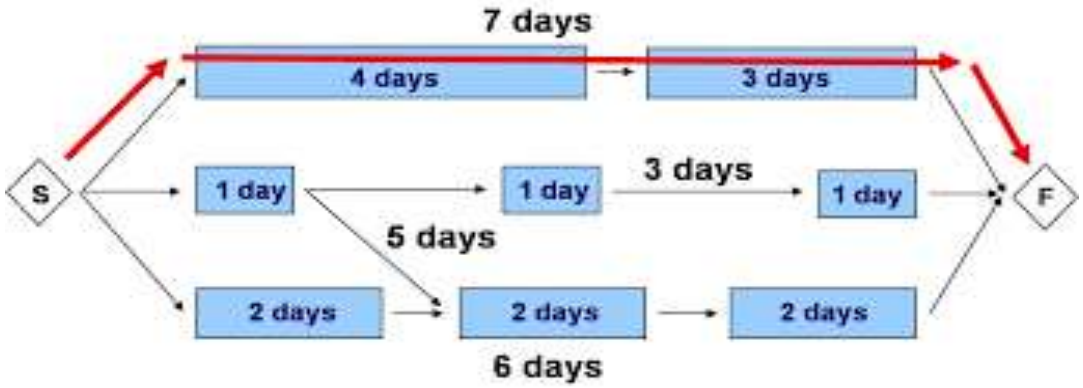
  Deliverable oriented, Hierarchical, Increasingly detailed, numbering

Project Management Presentation

Popular Components (Cont)

- Critical Path

  Definition, Slack



- Triple Constaint

  AKA “Good, Fast, Cheap”

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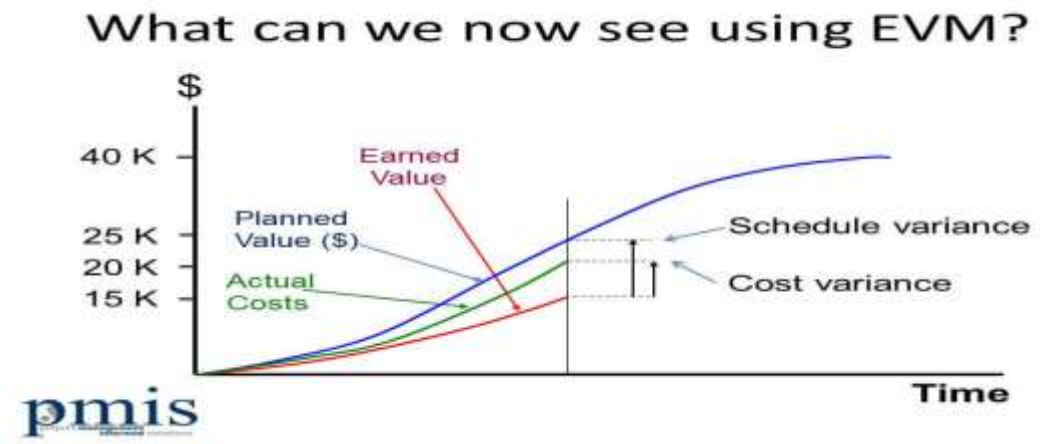
Popular Components (Cont)

- Earned Value

Estimating activity effort

(Planned value / Actual cost,

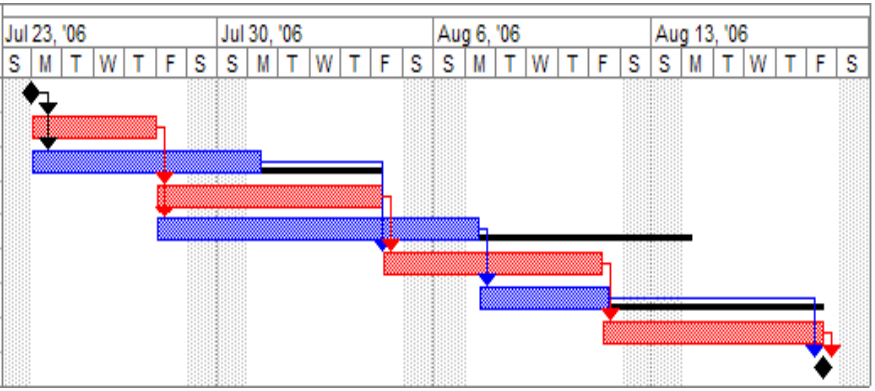
Schedule/Cost Variance)



- Gantt Charts

Microsoft Project

ID	Task Name	Predecessors	Duration
1	Start		0 days
2	a	1	4 days
3	b	1	5.33 days
4	c	2	5.17 days
5	d	2	6.33 days
6	e	3,4	5.17 days
7	f	5	4.5 days
8	g	6	5.17 days
9	Finish	7,8	0 days



Project Management Presentation

Relationship to Real Word

- Critical Path, Triple Constraint
- Earned Value
- Stakeholders

  Internal / External

Project Management Presentation

Relationship to Real Word

- Mission, Goals, Objectives

  Deliverables / Milestones –

  Strategy, Tactics

- Risk Management

  Sources, Process (qualitative/quantitative)

  Response, Control

- Teams

  Development, Structure, Management, Virtual

Project Management Presentation

Relationship to Lean Six Sigma

- Project Charter
- Critical Success Factors, Return on Investment
- 5 Process Groups
- Risk Management

  Decision Tree

Project Management Presentation

Student Exercise - Review

What is Project Management

History/Characteristics/Examples, Different types, PM's roles

- Project Management Popular Components

Scope, Deliverables/Milestones, WBS, Critical Path, Triple Constraint, Earned Value, Gantt Charts

- Relationship to Real World/Daily Lives

Critical Path, Earned Value, Stakeholders, Mission/Goals/Objectives, Risk Management, Teams

- Relationship to LSS

Project Charter, CSF/ROI, 5 Process Groups, Risk Management

Project Management Presentation

Closing

QUESTIONS?

Thank You!