



* Precendence diagram		
And the state of t	-	
· Assumed a sucessor task can start as soon as all predecessor activities	-	
have been completed.		
· Sometimes we want the sugssor to be delayed		
· Lag & lead relationships are used		
PDM: precedence digramming method		
→ start activity when predecessor is partially complete		
Start activity a days after start of predecessor		
Start activity n days after end of predecessor		
- Finish ativity n days after finished predecessor		
5 day lag:		
A: 15 FS = 5 B 5		
Plaster wells Scafolding removal		
ES - Usi a		
Surpris skinesy		
Start to start:		
Furniture move in B		
Maxe-in		
85:5		
Finish to finish		
Tillion to tillion		
A 15 B 10 B.———		
lay asphalt Paint lines		
FF : 5		
· · · · · · · · · · · · · · · · · · ·	9	
* Scheduling Problems	8	
and motion with the second of		
· Time Constrained		
→ Project must be complete by an imposed date		
- Time is fixed, resources flexible.		
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	· Resource constrained		
	- level of resources available cannot be exceeded		
	Rescurces fixed, time is flexible.		
	Resource levelling: attempt to even out demands on resources by using		
	Slack to manage resources		
	J	8 S. S.	
	Resource levelling:		
	PMBOK: " Any form of schedule network analysis in which schedule decisions		
	are driven by resource constraints		
3	- activities can be split (jump between activies) = negal	rive impact	
3	reducing overloading / difficult to manage fluctions of one re		
3	to overloading another resource.		
3	,		
	Network Sensitivity:	Lating 1	
3	· the likelyhood that the orginal critical path will change once intiated		
	Function of: 100 many sees		
3	Number of critical paths		
3	Amount of slack across critical activities		
100	Uncertainty of time duration of activities.		
	Home to the many of the party o		
	#8 Cost Estimating & Budgeting		
	200 200 200 200 200 200 200 200 200 200	w.sely	
	· Estimating:		
3	process of approximating the time cost of completing project deliverables		
	task of balancing expectations of the stateholders and need for control		
	Types: Ozog naj ne Vienciana zmazino bonezi se enti		
	Top-down: analogy, group consensus, marke martical relationship		
	- Bottom + up: estimates of elements of WBS.		
	Methods:	ones 1 🚈 🔠	
3	→ detail cost planning on work packages - accurate but expensive		
	industrial standards colony suscess		
	- functional staff members		
	Three times method Dwation = a+b+4m		
	6	Typo	