Chapter 3

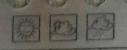
Project management

- Project management
 - PM activities
 - Vision and Scope
 - Planning
 - Estimation
 - project Schedule

Chapter 3 Project Management
- Introduction to Project Management
- Project management activities
- Vision and Scope document
-Project planning
- Project estimation
What is Project Management
- set of activities involved in ensuring the project must be finish on time and a ccordance with recjuirent
Success criteria
- Deliver the software to the customer at the agreed tie
- leep overall costs with in budyet.
- Deliver software that moets the custoner's expectation
- Maintain a happy and well functioning dev ten
time
9000
oudget softiave people
and the state of the second se
ley managenent reportosibilities
Executive spon sor - project nanayer -> Project

Project management activities - Vision and Scope Document: idetify the main stakeholder to drie prij - Project Plan: planing, estimating, scheduling, assigning task - Risk management: assess the visk that may effet a project - Report : track / report the progress of a project to client/der - People management: choose right people to the right job Understand the Project needs Resulting of lacking understood of the project needs - Narrow toens on individual problem - Lose track of the big picture - Sofware that solves wrong problems - Project fail Vision and Scope document - help pm. avoid that problem by catching mis under it carppy - must review the vision scope doc - Scope doc: Feature that will be develope - Vision doc: goal of the software that fulfills need of certain user I stake bookly Vision of the Solutin Problem state ment - Vision Statement, - back ground - List of feature - Stakeholder User - Scope st phorae - Risk Assumption - Food I had I'll at he down

Project planning	
it is an output of the project that defines the work	
that will be done on the project	
- statement of work (SOW) that describes all work pro	Lucks
- resource list	
- work break down structure / set of effort as	timates
- Project schedule	44
- Hisk plan	
Project estinate	
- help tean to create estimates for soft wave project	
- use work broakedown structure	
- list takk	
- WBS is created, the tean must create an estimate of the eff	firt
required to perfor each takh	
- The nost accurate are those that rely on prior expe	erience
- No estinate is guranted to be accurate	
man almost - man almost - mage labor	
Assumptions Make Estinates Move Accurate	
- deal with incomplete information	
- find a compromise to resolve disagreements	
- da a risk assessment for the project plan.	
Michalla Maria Caralla	



Wideband Delph: Estimation - depend on group estimation

planning > Kickoff meeting > Individual preparation > Estimation Session > A secroling tasks > reviewing results

Planning	kick of f neutry
- select tean & moderator	- Explain the Delphi proces
- Representation from all yroup	- Read visin and scope Noc
- moderator is unbiased	- Review youl
and manage the neeting	- Brajinston
- mude vatur en sures that	- Generate the inital WBS
every one participator	- Out put of the session is
- pa must be a member of	a high-level list of task
estination tena	and set of acromptin white by me

Individual Prepare	C-stination Session	Assemble & Revious
- Create set of	- Moderator distribute	- collect
pre pavaition	an empty form to easily	- Conpiles
	- fill fron	- Review
	- Share	
	- di cussim	

change

Why Wideband Delphi	plubus to 9, 9
- produces several in portas	t elenent of project plan
	re entire tenn to correct one another
- addresses the problem the	
	A REST A CONTRACTOR OF THE PARTY OF THE PART
Other Estination Techniques	
- Proxy Based Egtimating L'	PROBE)
- base on idea that i	s comparet is shillow to one in prev
it should use the s	are effort
- CO COMO I	Carrier of the Constant
- The planing have	of diving a land
- Extreme Programiy	of 1,184
- Dev / Business	of hate
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e down of by the out of	
	of Schooling miles of

Project Schedule -Project schedule is a calendat that links the project tasks to be done - In order to create the project schedule - Horle breakdown structure - effort estinate for each tack - resource list with availability for each resource crente Review Allocate dependencies skhedules vesouvces Finish to start Gannt chart to the tasks r start to start will be help thego track Person iten Start to finish in this step must review loct finish to finish Serice Wese PERT Chart Risk Plan allocate one pr to identify - list of all rish - an insurance policy move resoluces - must be assessed by PM and tem - tan be prio Scheduling problems - predicting how long each task will take -2 way - Productivity is not proportional to number - Probability - Impact of Worker on a tast - Adding people to late project make it later be cause of connunicating over head