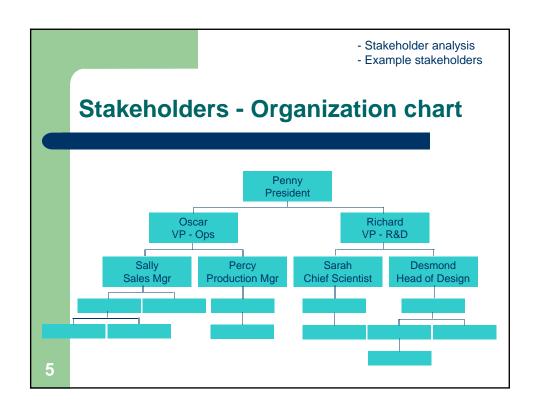
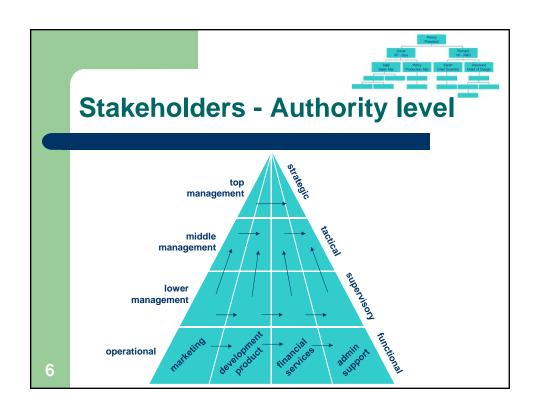
SENG 471 Software Requirements Engineering Stakeholder's Goals

What and How do you collect?
How do identify the problem?

Requirements Elicitation

Which problem needs to be solved? →
Where is the problem? →
Whose problem is it? →
Why does it need solving? →
How might a software system help? →
When does it need solving? →
What might prevent from solving it? →



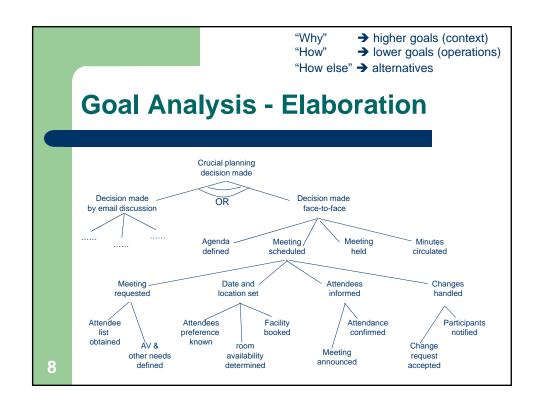


Stakeholders' Goals

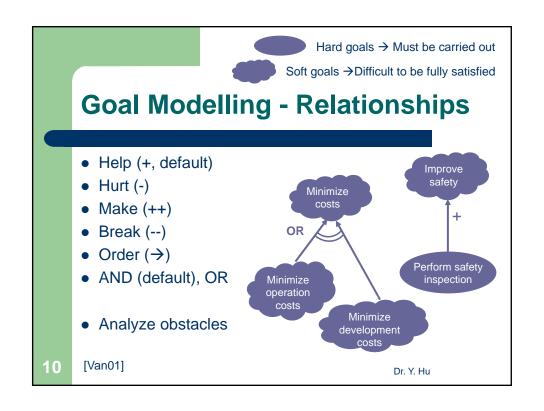
- Approach
 - Focus on why systems are constructed
 - Express the 'why' as a set of stakeholder goals
 - Use goal refinement to arrive at specific requirements
 - Goal analysis
 - Goal evolution
 - Goal hierarchies
- Focus on 'why' to derive goals
 - Advantages
 - Disadvantages

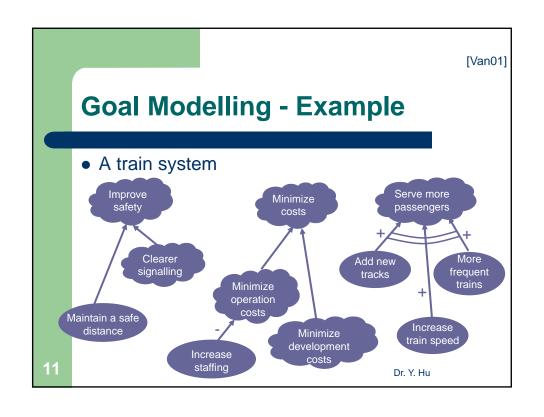
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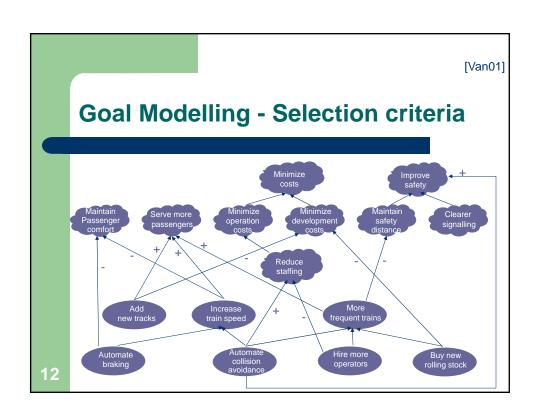
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	Scenarios → Sp	pecific sequence of interac
Goal Analysis	- Scanar	[Sui
Goal Allalysis	s - Scenar	
Title: Successful	meeting scheduled using m	occording option
	iator, not attending); Bob, Carlo	
Scenarios	Goals Satisfied	Obstacles / Problems
Alice requests meeting, Specifying participants, timeframe	Meeting requested; Attendee list obtained	What if selected timeframe is infeasible?
Alice sends participants requests to Bob, Carlo, and Daphne	?	Did we miss a goal?
Bob reads message	Participants informed	Can't detect when messages are read what happens if Bob reads the message but doesn't reply?
Carlo reads message		
Daphne reads message		
Bob replies with preferences	Attendees preferences known	What if the preferences are mutually exclusive? Would we allow some to b higher priority?
Carlo replies with preferences		
Daphne replies with preferences		
Alice schedules meeting	Room availability determined; room booked	
Alice notifies Alice, Bob, Carlo and Daphne of time and location	Meeting announced; Attendance confirmed (?)	How do we know if they've all read the announcement? What if the schedule no longer convenient for one of them







Stakeholders' Goal - Tips

- Use multiple sources, if possible
- Associate stakeholders with each goal
- Use scenarios
- Explicit consideration of obstacles

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Recap

- Stakeholder's goals
 - Part of requirements elicitation
 - Identifying stakeholders
 - Analysing goals
 - Modelling relationship among goals

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