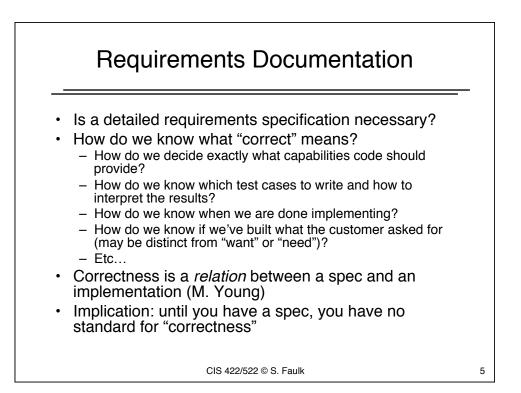
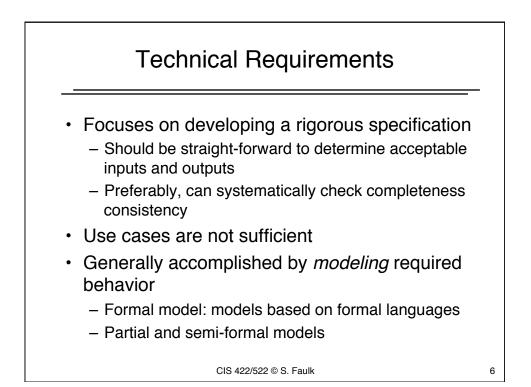
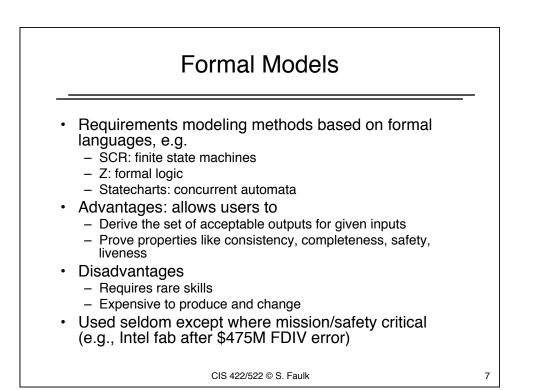


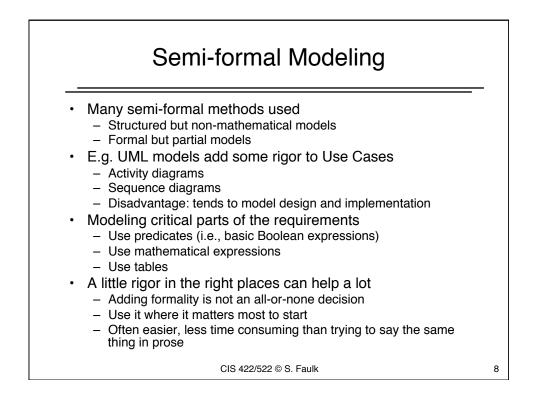
## 3

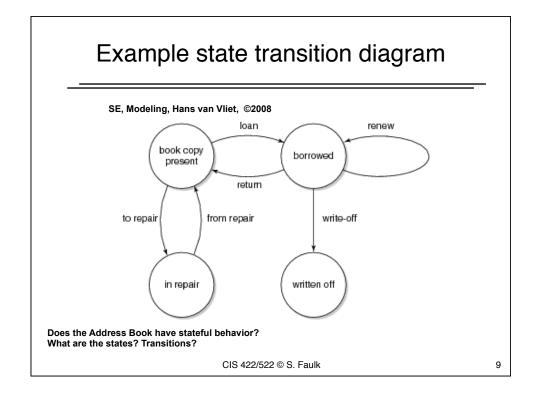




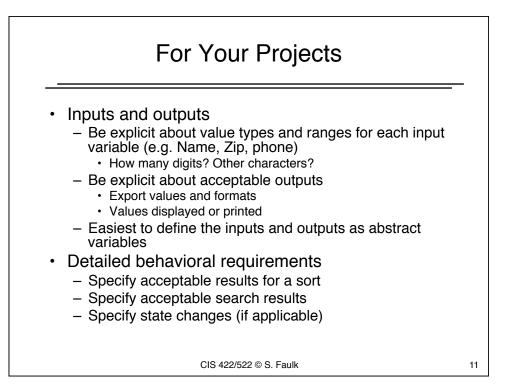


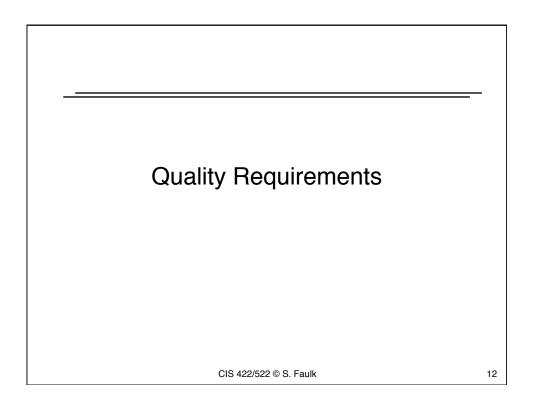


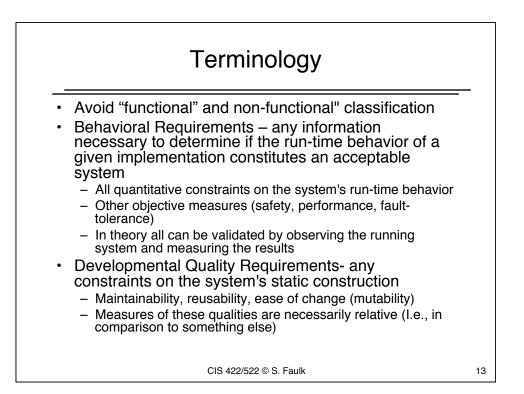




			Ту	pe Dictionar	y		
Name	Base Type	Units	Legal Valu	ues Commo	ent		
Speed	Integer	Knots	[0, 250]	Speed n	neasured in nautical miles per hour.		
Weight	Integer	percent	[0,100]	Weighti	ing for weighted average		
time	Integer	seconds	time > 0	Time in	Time in seconds.		
	VS1 Speed	0	1	· · ·	reported by first low resolution sensor		
Name	Туре	Initial Accuracy		Comment	Commont		
		Value	•				
				· · ·			
	VS2 Speed	0	1	-	reported by second low resolution sensor		
HighResWS1 Speed 0 2.5			Wind speed reported by first high resolution sensor				
HighResWS2 Speed		0	2.5	Wind speed reported by second high resolution sensor			
		Туре	Controlled Initial Va	Variable Di lue Accura			
Name				3.7.1.	Transmitted value of wind speed		
<b>Name</b> TransmW	indSpeed	MsgType	ShortMsg	N/A	Transmitted value of whild speed		
scr - D	formal efine expl	model			Transmitted value of wind speed		

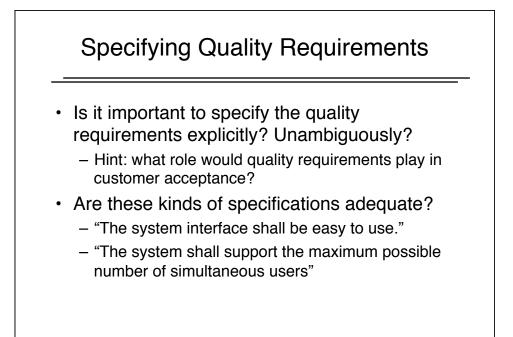




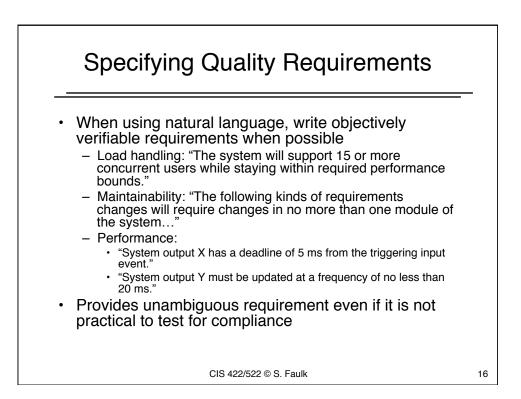


-	Debewievel (ebeewyeble)		Developmental Qualities
• • •	<b>Behavioral (observable)</b> Performance Security Availability Reliability Usability	•	Modifiability(ease of change) Portability Reusability Ease of integration Understandability Support concurrent development
	Properties resulting from the behavior of components, connectors and interfaces that exist at run time.		Properties resulting from the structure of components, connectors and interfaces that exist at design time whether or not they have any distinct run-time manifestation.

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Example Timing R	lequirements
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## 5.2. TIMING REQUIREMENTS FOR DEMAND FUNCTIONS

For all the demand functions, the rate of demand is so low that it will not constitute a significant CPU-load.

For the starred entries, the desired maximum delay is not known; the entry is the maximum delay in the current OFP, which we will use as an approximation. In one case, both the current and desired values are given. The current value would be good enough to satisfy requirements, but the desired rate would be preferred.

Function name	Maximum delay to completion	
IMS:		
Switch AUTOCAL light on/off	*200 ms	
Switch computer control on/off	*200 ms	
Issue computer failure	not significant *200 ms	
Change scale factor		
Switch X slewing on/off	*200 ms	
Switch Y slewing on/off	*200 ms	
Switch Z slewing on/off	*200 ms	
Change latitude-greater-than-70-degrees	*200 ms	
Switch INA light on/off	*200 ms	
FLR:		
Enable radar cursor	200 ms	
Slave or release slave	40 ms	
	40 ms	
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