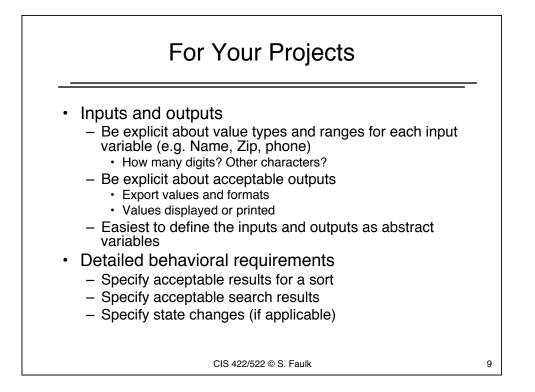
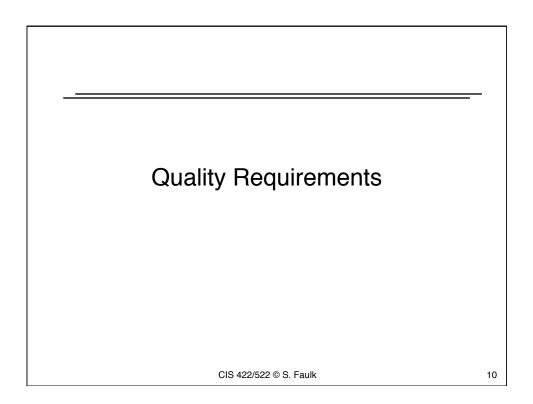
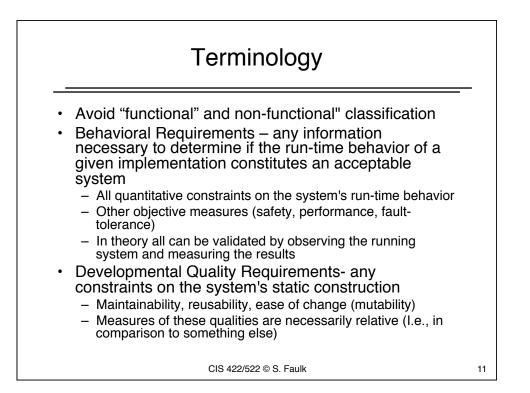


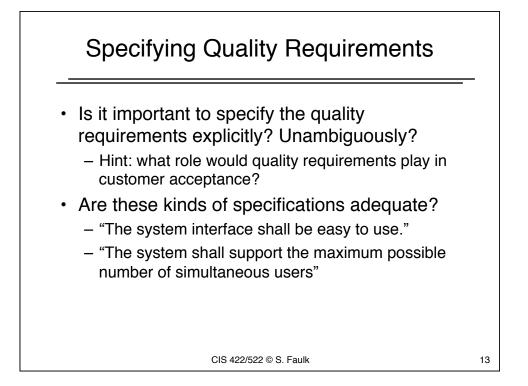
			Ту	pe Dictionar	У
Name	Base Type	Units	Legal Valu	ies Comm	ent
Speed	Integer	Knots	[0, 250]	Speed 1	neasured in nautical miles per hour.
Weight	Integer	percent	[0,100]	Weight	ing for weighted average
time	Integer	seconds	time > 0	Time ir	n seconds.
HighResV	VS2 Speed VS1 Speed VS2 Speed	0	1 2.5 2.5	Wind speed	reported by second low resolution sensor reported by first high resolution sensor
ngnKesv	v S2 Speed		1	Variable D	reported by second high resolution senso ictionary
Name		Туре	Initial Va	lue Accura	acy Comment
TransmWindSpeed		MsgType	ShortMsg	N/A	Transmitted value of wind speed
– D		licit types	i I or contro	lled	

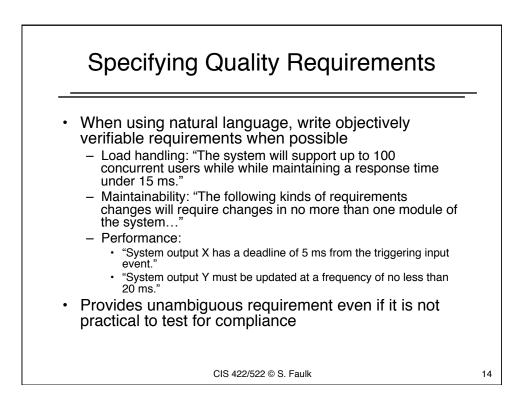






 Behavioral (observable) Performance Security Availability Reliability 	 Developmental Qualities Modifiability(ease of change) Portability Reusability Ease of integration Hadapates debility
 Usability Properties resulting from the behavior of components, connectors and interfaces that exist at run time. 	 Understandability Support concurrent development 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.





Example Timing Re	equirements
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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	
Change scale factor	*200 ms	
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	
CIS 422/522 @	S Faulk	

