

Quir 1	Wed, Feb 24	In class	2%-of-course		•••
Midterns (revised)	Weil, Mar 2	In class	14% of project		
Deliverable 52a (revised)	Fri, Mar 4	52a Detailed req spec; conceptual design	10% of project		
Deliverable 52b (revised)	Tue, Mar B	S2b Class presentation of S2a to customer	5% of project	- (0	
Deliverable C2 (revised)	Thu, Mar 10	C2 feedback on 52aB52b	5% of project	ເລ ຫຼັ	
Deliverable 53a	Tue, Mar 15	53a Technical Design Spec	15% of project	ler	
Deliverable \$3b	Tue, Mar 22	536 Manual	10% of project	āω	
Deliverable C3	Thu, Mar 24	C3 feedback on S3a&S3b	10% of project	ar 21	
Easter break	Mar 25-28	Fri, no class			
Deliverable 54	Mar 29-31	S4 project demo	10% of project		
Deliverable C4	Mar 29-31	C4 feedback on S4	5% of project		
Last Day of Classes	Fri, Mar 31				
Final Cases	Sat, Apr.16	19:00-22:00 ECS 125	35%		2













Classic Quality Criteria for a Requirements Specification				
Requirements Spec Properties	Interpretation			
Correct	Each requirement reflects a need			
Complete	All necessary requirements included			
Unambiguous	All parties agree on meaning			
Consistent	All parts match, e.g., E/R and event list			
Ranked for importance and stability	Priority and expected changes per requirement			
Modifiable	Easy to change, maintaining consistency			
Verifiable	Possible to see whether requirement is met			
Traceable	To goals/purposes, to design/code			
Understandable	By customers and developers			
Necessary AND Feasible	From: Soren Lauesen: Software Requirements 9 © Pearson / Addison-Wesley 200			

Desirable Characteristics for a Requirements Specification				
Requirements Spec Properties	Interpretation			
Clear, concise and understandable	Easy to read and acts as a good communication tool for stakeholders			
Unambiguous	Single interpretation which cannot be misunderstood			
Checkable (complete, consistent)	Can be checked for errors			
Consistent	All parts match, e.g., E/R and event list			
Testable / verifiable / measurable	Can easily verify if we met the requirements			
Traceable	Contains rationale and requirements are linked back to business rules and priorities			
	From: Soren Laussen: Software Requirements 10 © Pearson / Addison-Wesley 2002			





Validation Techniques

Reviews

- Walkthroughs
- Formal inspections
- Focused inspections
- Active inspections
- Checklists
- Testina
- Prototyping
- Formal validation









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