SRS and Prototype Grading Metric, Rev1

Project:	Date s	ubmitted:
SRS (100 points)		
CDC Combonts (00 mol		
SRS Contents (80 poi 1. Introduction	ints)	80
1. Introduction	Overview of SRS subsections	13
	Introduction of topics	
1.1 Purp	·	
1.1 1 01 p	Purpose of SRS	
	Intended Audience	
1.2 Scop		
1.2 300	SW products to be produced	
	Benefits of SW	
	Objectives of SW	
	Application domain	
	What SW will do	
	What SW will not do	
	Consistent with Customer Spec	
1 3 Defi	nitions, acronyms, and abbreviations	
213 50111	All terms defined	
1.4 Orga	anization	
0.90	Describe the rest of the SRS	
	Give organizational structure of SRS	
2. Overall Description		1!
<u> </u>	Overview of this section	
2.1 Prod	uct Perspective	
	Context for the product	
	Pictorial representation of bigger system	
	Complete description of product specified	
	Describe how product fits	
	Constraints	
2.2 Prod	uct Functions	
	Major functions	
	All functionality specified by customer	
	Diagram high-level goals	
2.3 User	Characteristics	
	User expectations	
2.4 Cons	straints	
	All constraints specified	
	English descriptions safety critical properties	
	English descriptions other properties	
2.5 Assu	imptions and Dependencies	
	All assumptions documented	
	All dependencies documented	
2.6 Appr	roportioning of Requirements	
	Requirements outside scope of project	

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Requirements logically ordered Hierarchy when appropriate Hierarchy easy to understand No conflicting requirements No ambiguous or implicit requirements Testable requirements Clearly, concisely, and unambiguously stated requirements No unnecessary design or implementation detail 4. Modeling Requirements Use case diagrams Every goal should be addressed Each goal is satisfied by one or more use cases Each use case refers to one or more requirements Class Diagram Representative scenarios of system English description Use instances of class names from class diagram Sequence diagram Objects are instances of classes in class diagram Sequence diagram Objects are instances of classes in class diagram Sequence diagram All events, actions modeled in class diagram Scenarios validated state diagram All events, actions modeled in class diagram Variables are attributes in class diagram 5. Prototype Describe what prototype will show of system functionality 5.1 How to Run Prototype Describe what is needed 5.2 Sample Scenarios Provide a sample scenario 6. References List of all documents referenced Sources where references can be obtained Link to website SRS Writing (20 points): SRS Writing (20 points): Terms / acronyms used before definition 2.5	2.6.16		
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