SRS and Prototype Grading Metric, Rev1

Project:	Date submitted:	
SRS (100 points)		
SRS Contents (80 points)		**80**
1. Introduction		15
	Overview of SRS subsections	
	Introduction of topics	
1.1 Purpose		
	Purpose of SRS	
	Intended Audience	
1.2 Scope		
	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 Definitions, acronyms, and abbreviations		
	All terms defined	
1.4 Organization		
	Describe the rest of the SRS	
	Give organizational structure of SRS	
2. Overall Description		15
	Overview of this section	
2.1 Product Perspective		
	Context for the product	
	Pictorial representation of bigger system	
	Complete description of product specified	
	Describe how product fits	
	Constraints	
2.2 Product Functions		
	Major functions	
	All functionality specified by customer	
	Diagram high-level goals	
2.3 User Characteristics		
	User expectations	
2.4 Constraints		
	All constraints specified	
	English descriptions safety critical properties	
	English descriptions other properties	
2.5 Assumptions and Dependencies		
	All assumptions documented	
	All dependencies documented	
2.6 Approportioning of Requirements		
	Requirements outside scope of project	

SRS and Prototype Grading Metric, Rev1

3. Specific requirements		20
	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		20
	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	
	State diagram for key classes that participate in scenarios	
	Scenarios validated state diagram	
	All events, actions modeled in class diagram	
	Variables are attributes in class diagram	
5. Prototype		5
	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		5
	List of all documents referenced	
	Sources where references can be obtained	
	Link to website	
SRS Writing (20 points):		**20**
	Paragraph Structure	10
	thesis sentence	
	body supports thesis sentence	
	Grammar errors	5
	Terms / acronyms used before definition	2.5
	Terms and concepts used consistently	2.5
SRS Total:		