ECE297: M2 Design Document Grading Rubric
Team ID:_____ Date:_____ CI: _____

	Exceeds Requirements	Meets Requirements	Below Requirements
	← ─────────────────────────→		
Introduction	• Clearly identifies purpose of document • Clearly identifies a potential user • Clearly justifies choice of user • Effectively uses a Situation/ Problem/Solution structure	• Identifies purpose of document • Identifies a potential user • Justifies choice of user • Reasonable use of a Situation/ Problem/Solution structure	• Unclear identification of purpose of document • Unclear identification of user • Inadequately justifies choice of user • Ineffective use of a Situation/ Problem/Solution structure
System Architecture	• UML Component Diagram effectively identifies high-level components of the system • UML Sequence Diagram effectively identifies the sequence of all interactions in the system • Diagrams are concisely and clearly explained	• UML Component Diagram identifies high-level components of the system • UML Sequence Diagram identifies the sequence of the main interactions in the system • Diagrams are reasonably well explained	• UML Component Diagram is incomplete or incorrect • UML Sequence Diagram is incomplete or incorrect • Diagrams are poorly explained
System Requirements	• Functional requirements are carefully and clearly identified • Objectives are highly specific and relevant to both the user and the programmer • Specific goals have been assigned to objectives where appropriate • Constraints are valid, verifiable and comprehensive	• Functional requirements are identified • Objectives are reasonably specific • Goals have been assigned to objectives where appropriate • Constraints are valid and verifiable but may be incomplete	• Functions are missing or misidentified • Objectives are missing or incorrect • No goals have been assigned to objectives • Constraints are missing or are not verifiable
Design Decisions	• Clearly identifies major design decisions • Convincingly explains importance of decisions to the project	• Identifies major design decisions • Satisfactorily explains importance of decisions to the project	• Fails to identify major design decisions • Poor understanding of relevance of decisions to the project

	• Effectively compares decisions to alternatives	• Satisfactorily compares decisions to alternatives	• Unconvincing comparison of decisions to alternatives
Conclusion	• Sums up the document's purpose and key information in a highly concise and precise manner	• Sums up the document's purpose and its key information	• Unclear statement, disconnected to document's purpose and key information
Research	• Carefully researched • All citations are included and follow IEEE format	• Satisfactory research • Citations are included and most always follow IEEE format	• Insufficient research • Citations are missing or do not follow IEEE format
Performance Evaluation	• Analysis is very clear and insightful • Graphs or tables are properly labeled and effectively integrated into report	• Analysis is clear and reasonably insightful • Graphs or tables are labeled and adequately integrated into report	• Analysis is unclear or incomplete • Graphs or tables are unlabeled and poorly integrated into report
Language	• Highly appropriate for intended audience • Language is highly precise and accurate • Excellent concision and clarity • Excellent use of both paragraphs and lists • Free of error	• Appropriate for intended audience • Language is reasonably precise • Reasonable concision and clarity • Reasonable use of both paragraphs and lists • Mainly free of error	• Inappropriate for intended audience • Language lacks precision • Writing is wordy and/or confusing • Poor use of paragraphs and lists • High level of error
Format	• Carefully formatted with clear organization of information • Highly effective use of both figures and tables • Tables and figures are very clearly labeled	• Adequate organization of information • Effective use of figures and tables • Tables and figures are clearly labeled	• Poor organization of information • Ineffective use of figures and tables • Tables and figures are unclearly labeled or lack labels

Mark: _____

Further comments: