CSCE 436 Final Project Scoring Rubric

CSCE 436 Scoring Rubric (Final Project Report)					
		10 9	8 7 6	5 4 3	2 1 0
Final Project Write Up (85 pts)	**Proposal** (5 points) The proposal describes the need that the project fulfills, and the requirements that should be met in order to satisfy this need. On-Time? _____ Days Late? _____ Total Points: _____	Shows all attributes of the Proposal. Project Cover Need Statement Marketing Requirement Level-0 Description and Flowgraph	Shows only parts of the Proposal with minor omissions.	Major omissions from Proposal.	Fails to provide attributes of the Proposal. Project Cover Need Statement Marketing Requirement Level-0 Description and Flowgraph
	Plan (5 points) The project plan defines how you are going to go about implementing the design set forth in your proposal. On-Time? _____ Days Late? _____ Total Points: _____	Shows all attributes of the updated Proposal. Shows all attributes of Detailed Architecture including Level-1 design breaking Level-0 into modules. At least one of the modules is datapath and control on FPGA.	Shows only parts of the updated Proposal with minor omissions. Shows only parts of the Detailed Architecture with minor omissions. Minor Omissions in the description of the internal organization of the FPGA Chip using datapath and control.	Major omissions from updated Proposal. Major omissions from Detailed Architecture. Major omissions in the description of the internal organization of the FPGA chip using a datapath and control.	Fails to provide updated Proposal. Fails to provide Detailed Architecture. Fails to describe the internal organization of the FPGA chip using a datapath and control.
	Milestone I (5 points) A milestone is an intermediate level of technical accomplishment required in the final system. The first milestone will generally focus on getting the low level units of the design operational. On-Time? _____ Days Late? _____ Total Points: _____	Shows all attributes of the Milestone I.	Shows only parts of the Milestone I with minor omissions.	Major omissions from Milestone I.	Fails to provide attributes of the Milestone I.
	Milestone II (5 points) The second milestone generally seeks to integrate the units of the design. You should aim to have a simplified version of your design complete. On-Time? _____ Days Late? _____ Total Points: _____	Shows all attributes of the Milestone II.	Shows only parts of the Milestone II with minor omissions.	Major omissions from Milestone II.	Fails to provide attributes of the Milestone II.

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Final Project Write Up (85 pts)	**Project Technical Effort** (40 points)	Advanced Technical Effort (40 points)	Average Technical Effort (30-35 points)	Basic Technical Effort (25 points)	Less than Basic Tech Effort (<25 points)
	Project Level Accomplished? (0-15+ points)	Completed almost all Project Goals (-0 points)	Completed most project goals (-5 points)	Most of project goals incomplete (-10 points)	Poor effort on project goals (-15+ points)
	Write-up (25 points) Overall quality of writing, organization of material, and flow of the report. On-Time? _____ Days Late? _____ Total Points: _____ (5 points) for guidelines	Well written, neat, good use of equations, well-drawn supporting figures, equations, and tables. Project report includes all required sections. Includes relevant state diagrams, schematics and equation and summarizes the technical approach. Followed guidelines.	Minor typos or grammatical errors. Minor problems with aesthetics or appearance. Report does not flow well. Minor errors in system design. Minor omissions when following the report guidelines.	Major errors—poorly written, bad grammar, and less-than-acceptable quality of the report. Major errors in system design. Major omissions when following the report guidelines.	Poor effort, poor grammar, sloppy work, hand-drawn items. Failure to provide equations, schematics, tables, or other relevant information supporting the system design. Failed to follow most of the report guidelines.
	Cover Page (1 point)	Included and accurate	Minor Omissions or errors	Major Omissions or not properly formatted	Not included
	Table of Contents (1 point)	Included and accurate	Minor Omissions or errors	Major Omissions or not properly formatted	Not included
	Chapter 1: Design Goals (5 points)	Included and accurate 1.1 Need Statement 1.2 Marketing Requirements 1.3 Level-0 Description	Minor Omissions or errors	Major Omissions or not properly formatted	Not included 1.1 Need Statement 1.2 Marketing Requirements 1.3 Level-0 Description
	Chapter 2: Detailed Design (5 points)	Included and accurate 2.1 Level-1 - each module should have an accompanying function table. 2.2 Datapath and Control 2.3 Calculations 2.4 Technical Requirements 2.5 Bill of Materials	Minor Omissions or errors	Major Omissions or not properly formatted	Not included 2.1 Level-1 - each module should have an accompanying function table. 2.2 Datapath and Control 2.3 Calculations 2.4 Technical Requirements 2.5 Bill of Materials
	Chapter 3: Implementation (5 points)	Included and accurate 3.1 Milestone I - include test results. 3.2 Milestone II - include test results. 3.3 Final Implementation	Minor Omissions or errors	Major Omissions or not properly formatted	Not included 3.1 Milestone I - include test results. 3.2 Milestone II - include test results. 3.3 Final Implementation
	References (2 point)	Included and accurate	Minor Omissions or errors	Major Omissions or not properly formatted	References not included
	Appendix A: Running the Project (1 point)	Included and accurate	Minor Omissions or errors	Major Omissions or not properly formatted	Not included
	Appendix B: Project Git Repository	Included and accurate	Minor Omissions or errors	Major Omissions or not properly formatted	Not included

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Name _____

Final Project Score (85 pts): _____

Final Project Briefing Score (15 pts): _____

TOTAL SCORE: _____/100 = _____ %