ECE 3544: Digital Design I
Project 2: Modeling the Timing of a Device

Student Name: _____Jacob Abel_____

Honor Code Pledge: I have neither given nor received unauthorized assistance on this assignment.

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Grading: The design project will be graded on a 100 point basis, as shown below:

Manner of Presentation (30 points)

_____ Completed cover sheet included with report (5 points)

_____ Organization: Clear, concise presentation of content; Use of appropriate, well-organized sections (15 points)

_____ Mechanics: Spelling and grammar (10 points)

Technical Merit (70 points)

_____ General discussion: *Did you describe the objectives in your own words? Did you discuss your conclusions and the lessons you learned from the assignment?* (5 points)

_____ Design discussion: *Did you discuss your design approach, and the design decisions that you made as a part of implementing your modules?* (10 points)

_____ Timing analysis discussion: *Did you determine the minimum clock period that allows correct operation of the system?* (5 points)

_____ Testing discussion: *What was your approach to formulating your test benches? How did you verify the correctness of the modules you designed?* (10 points)

_____ Supporting figures: *Waveforms showing the correct operation of the various modules, Waveforms demonstrating valid and invalid behavior of the system.* (20 points)

_____ Supporting files: *Do the modules pass any tests applied by the grading staff? Modules whose declarations do not conform to the requirements of the project specification cannot be tested, and will receive no credit.* (20 points)

_____ **Project Grade**