 ELE 3510

Your Name

Date of report

Lab #x

Lab Title

Objectives:

Description of the objectives of the lab in your own words.

Procedures:

Description of what you did in the lab. This may include sub-sections on pre-lab, design, test, and debug. Reference figures, pictures, code and schematics in the appendix by name or number.

Results:

Description of results from the lab. Reference figures and pictures in the appendix by name or number.

Observations and Conclusions:

Description of any observations or insights you gained from the lab as well as an overall conclusion with respect to the lab objectives.

Appendix and References:

Appendix with labeled figures, pictures, tables, code, and schematics. (all must be electronically created – no hand drawings)

List of references.

\*\* The first 4 sections should be no longer than 2 pages for an informal lab report.

\*\* The appendix can be as long as necessary and should err on the side of too much information vs too little.

You must include:

MultSim Labs:

1. Schematics
2. Multisim simulation results

VHDL Labs (non-NIOS):

1. ALL VHDL Code

If I gave it to you, don’t include it

ctrl-p in the code window prints the code

1. Testbench Code
2. DE10 Code
3. Graphical user interface, text, application

   Description automatically generatedFinal Compilation Report
4. RTL Schematics for ALL levels of your hierarchy, including DE10
5. State Transition Diagrams (if appropriate)
6. Documented Testbench Results

VHDL Labs (NIOS):

1. ALL VHDL Code

If I gave it to you, don’t include it

ctrl-p in the code window prints the code

1. Testbench Code
2. DE10 Code
3. C Code
4. Final Compilation Report
5. RTL Schematics for ALL levels of your hierarchy, including DE10
6. Platform Designer schematic
7. A screenshot of a computer

   Description automatically generatedConsole output (if appropriate)