COMP.CE.400

System Design

Final Report

Group XX

Group member 1 name, student number, e-mail address

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# Overview of the System

Describe here what kind of system you implemented in the exercise project. What does it do and what are its main parts and features? Focus only on the implementation on the FPGA board, not the design process, like SystemC simulations. You may illustrate the description with an image, if you wish.

## Hardware

Describe here the hardware components of the system. Obviously this includes the FPGA board, its add-ons and the PC, but more importantly you should describe what resources (processors, FPGAs, memories, HW accelerators, buses etc. if any) are used on the FPGA board and how they communicate with each other.

## Software

What software modules are used by the system and what is the purpose of each one? This includes programs and processes that are running when the system is on. How are they mapped on the hardware resources and how do they communicate with each other?

# Summary of the Exercises

Write here a short summary of what you did in each of the individual exercises. Emphasize the big picture: what was the purpose of the exercise, what tools you used and what you did with them, and what was the end result. A couple of paragraphs per exercise is sufficient. The purpose of this section is to ensure that you have a good general picture of the exercise project as a whole.

## Exercise 1

## Exercise 2

## Exercise 3

## Exercise 4

## Exercise 5

## Exercise 6

## Exercise 7

## Exercise 8

# Suggestions and Feedback

Give us some suggestions on how we could improve the course and the exercise project. Even this section will affect the grade for this exercise so be thoughtful and constructive.

## What Did We Learn

What did you learn on the course as a whole and on the exercise project in particular? Did you learn everything you expected from the course? Were some topics missing?

## What was Easy/Hard

Which parts of the exercise project did you find the easiest? On the other hand, what was hard and time-consuming?

## What Needs Improvement

How would you improve the course and the exercise project?