Lab 7 Report: Group 8

The Simon State Machine 1

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Abstract –

Lab 7 was meant to have the team create the framework for what would later turn into a simon says game, as well as work with symbol files, vhdl files, and the hardware itself.

Introduction –

Lab 1 was about getting the team comfortable with using the simon says box and working with sound frequencies in VHDL files to later be compiled and used in other ways. The team created a pseudo-random number generator as the basis of the game. The team then created a schematic which combined each of the aforementioned elements to create the game.