

Lab 4 Individual Report

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20 October 2022

An Aggie does not lie, cheat or steal.
Nor does an Aggie tolerate those who do.

Group members:

Kyle Crusius — 428003578

Arjun Kurkal — 631004597

Huy Lai — 132000359

My Contribution

1. 8 bit Magnitude Comparator
2. Finite State Machine representation

Advantages and Disadvantages

This team design made it difficult to communicate and coordinate with team members, because circuits could only be implemented on one device not allowing collaborative creation. The length of this lab made up for this allowing for time to work with the group and figure out the best methods for implementation of each problem.

Superior Implementation

Huy's implementation of the 8 bit magnitude comparator was superior with a more efficient implementation.