EECS3201

Final Project

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My design is a clock timer. It has the following parts:

The timer

* You can set the time up to 59 minutes and 59 seconds due to the limited amount of seven-segment displays available.
* The timer has a pause button that can pause and un-pause the timer
* There is a switch that changes the mode from incrementing and decrementing
* The project also has a button that can reset the timer
* A switch that sets the mode to take user input for the timer
* A switch that starts the timer

The counter

* You can set the time up to 99 seven-segment displays available
* A button which increments the counter
* A button which resets the counter

References:

My lab 4 assignment

Lecture videos

<https://www.intel.com/content/dam/www/programmable/us/en/portal/dsn/42/doc-us-dsnbk-42-2912030810549-de10-lite-user-manual.pdf>

Link to video: <https://youtu.be/921cC2fK2oY>