

Ethan Liu, Work Log

December 29, 2023 - January 3, 2024 [? Hours]

Draft and test instruction set
Draft hardware resources available to the hardware
Draft calling convention
Draft psuedo-instructions
Optimize procedure calling
Create proof-of-concept circuit for program testing
Create assembler
Write single input implementation of relprime

individual or team?

January 8, 2024

[1 hour]

Remodel instructions to have fixed length opcode and different func codes. Create instruction types.

January 9, 2024

[2 hours]

Create and test some example operations

[15 minutes]

Revise processor to have input and output lines 16 bits wide. Add instructions for read and write

[15 minutes]

Plan and create memory map

Please include design decisions AND reasons.