15-400 Milestone 2

arthurdzieniszewski

January 2020

Major Changes

None

What Have You Accomplished So Far?

Implemented a whole bus that could handle arbitration with a standard interface among separate accelerators that could be connected to this bus. Each unit is connected to the bus using a defined interface, and all memory accesses go through an arbiter that grants access with equal priority to all the modules. This entire accelerator system with the bus and arbiter consist of a set of units that just plug in to the existing system, and are used to offload to fixed functions that the core would like to be complete.

Meeting Your Milestone

I’ve been pretty far ahead of what I’ve wanted to accomplish for this set of beginning milestones, so this is great. Although, now that work is catching up, it’s good that I’ve been getting ahead of everything.

Surprises

None, everything has been proceeding smoothly.

Revisions to Your 15-400 Milestone

Resources Needed

None