

10-2: Met with group (15 min). We decided to either use a memory-to-memory architecture or a stack architecture

10-4: Met with group(1 hour). We decided on a stack architecture and began creating our ISA. We decided on three different types of instructions: A, B, and C. We then decided on which special registers to keep, along with a list of instructions that we need to implement.

10-6: Met with group(2.5 hours). Christian and Will worked on RelPrime code and convention call procedures while I worked on the instruction syntax and semantics so that all three of us would be on the same page. Some decisions I made about the instruction syntax is that

1. All instructions are lower case
2. Most instructions will be named similarly to MIPS instructions
3. The op-codes are organized by type

I also have begun identifying some pseudo-instructions/common operations that will make writing assembly shorter since it is extremely verbose right now

The biggest challenge was deciding on what variations of push to include so that we can load immediates on the stack and get/put values into memory.

10-7: Met with group(3 hours) . Christian and I discussed the ISA that we currently have and push/pop further. We then added ISA instructions and deleted some based on the discussions that we had with you. Will and Christian then discussed/finalized the calling procedures. I created/updated the op-codes for those instructions while Christian updated the RelPrime code to match our syntax. I went through and drew stack for Christian's code to check and see that it made sense. Will typed all completed code and I began translating the finalized code into opcode. We decided on the size of the register stack based on our discussion with you.

10-8: Met with group(30 minutes). We finalized the milestone 1 document and are going to push our stuff. We plan on looking through milestone 2 to make a plan on how to complete it over break. **End of milestone 1.**

What's next?