Avichal Jadeja log

Week 4 – milestone 1

Hours: 4 hours.

Missed the last meeting on Thursday because of a migraine.

Worked on finalizing the stack register instructions after group discussions and talking with Dr. Stamm

Helped decide the addressing modes used for the instructions set.

Helped convert pseudo-code into what it would be in our assembly.

Week 5 - milestone 2

Hours: 3 hours

Worked during our meeting schedule from 7pm-10pm on Monday, 17th March

Fixed feedback that was given by Dr. Stamm in the previous meeting with regards to formatting/clarity.

Added instructions for pushra, popra.

Wrote the RTL for a few instructions – push, pop, jnz, js, jmp.

Was part of discussions about design - with respect to Datapath and converting the stack to have

return addresses stored at the bottom. This new implementation would require us to have

pointers both at the bottom and top and would have the stack be accessed from both sides. It would make it much easier to handle return addresses though.