**TO**: Dr. Sid Stamm

**FROM**: This Group Best Group

**DATE**: October 21st, 2015

**SUBJECT:** Milestone Three Memo

For milestone three, we made a cool datapath. We changed out RTL slightly by just changing the names of some registers around and fixed some weird continuity issues with the rs, rt, rd order in the R-type instructions. Hi Sid. We generated a graphic to illustrate the top level view of the datapath along with various control signals for each component. Brian also made an ALU and a register file.

Also, the ghetto assembler is slightly less ghetto. It actually DID work for a while, then we change the language around LOL.

For the next milestone we plan on designing a cool control unit and probably work on a couple of the components in Xilinx. The ghetto assembler will be fixed for our weird language changes probably if jim has time.

Love,

This Group Best Group