Adder

inputx　　result

inputy

Adder

inputx　　result

inputy

Control Unit

opcode　　　branch
　　　　memread
　　　　memwrite
　　　　memtoreg
　　　　aluop
　　　　regwrite
　　　　alusrc
　　　　pcadd
bypassalu
pcreg
itype
jump
pcfromalu
validinst

Immediate Gen

instruction sextImm

ALU Control

itype　　operation
aluop
funct3
funct7

PC

Inst Memory

address instruction

Register File

readreg1 readdata1
readreg2 readdata2
writereg
wen
writedata

ALU

operation result
inputx
inputy

Data Memory

address　　readdata
memread
memwrite
valid
maskmode
sext
writedata

Single cycle DINO CPU

ECS 154B – Lab Feedback Form

1. How much time did this assignment take?

○ Less than 5 hours

○ 5 – 10 hours

○ 10 – 20 hours

○ Greater than 20 hours

2. I found this assignment:

○ Extremely easy

○ Easy

○ Average in difficulty

○ Difficult

○ Extremely difficult

3. I learned something while doing this assignment.

○ Strongly agree

○ Agree

○ Neutral

○ Disagree

○ Strongly disagree

4. I was frustrated by parts of this assignment.

○ Strongly agree

○ Agree

○ Neutral

○ Disagree

○ Strongly disagree

If you were frustrated by parts of this assignment, which parts?

5. I was frustrated by the entire assignment.

○ Strongly agree

○ Agree

○ Neutral

○ Disagree

○ Strongly disagree

6. If you were frustrated by the entire assignment, what caused the frustration?

7. I feel this assignment was useful to my understanding of the topics covered in this class.

○ Strongly agree

○ Agree

○ Neutral

○ Disagree

○ Strongly disagree