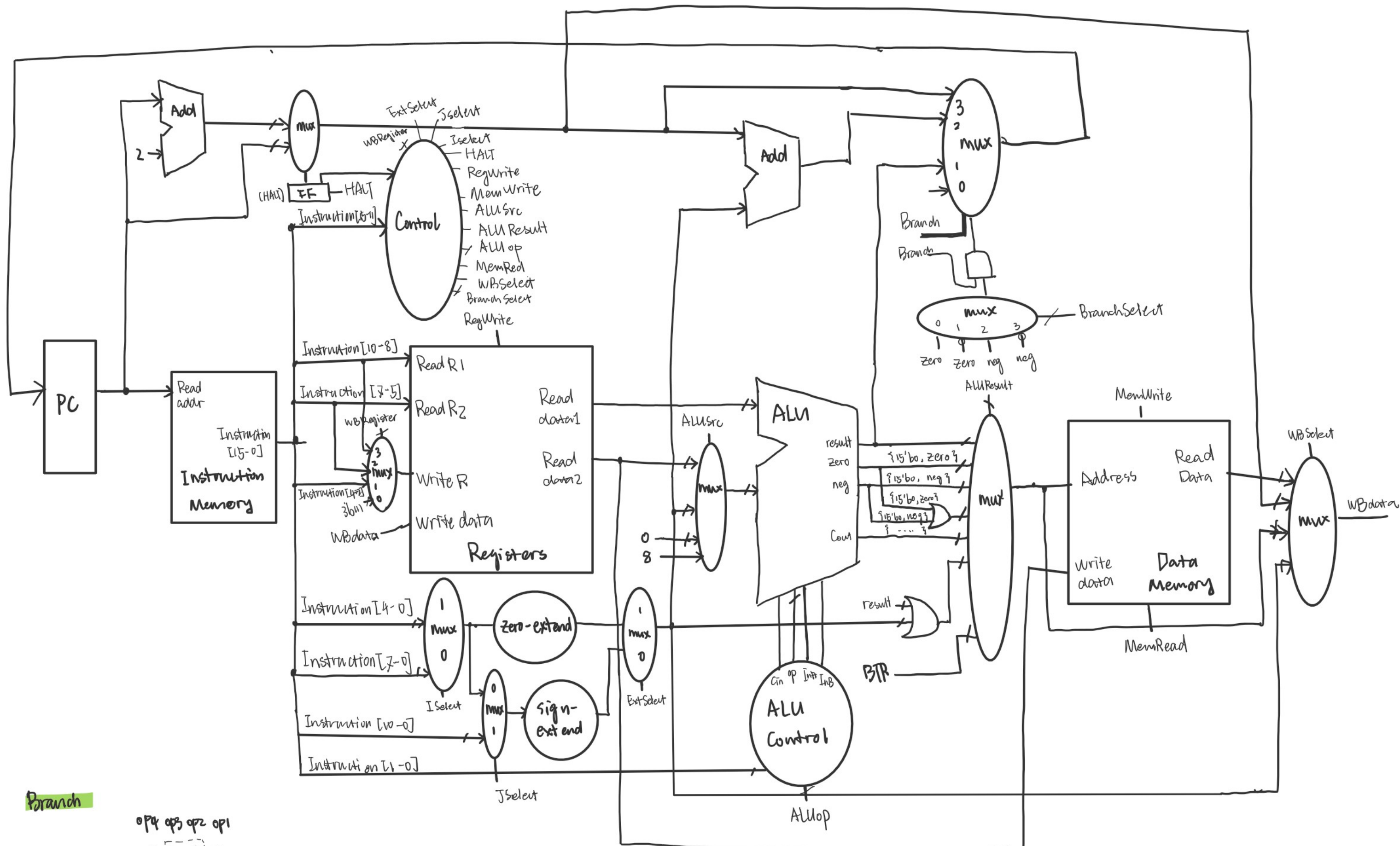


Project - Schematics

Sunday, February 23, 2020 4:11 PM



Branch

Op4 Op3 Op2 Op1

Branch

0 1 1 0

	1	2	3	4
Branch	0	1	1	0
Jump	0	1	1	1
NOPs	0	0	1	0
	0	0	0	1

I-select

$$\overline{op_3} \cdot \overline{op_2} \cdot \overline{op_1} + \overline{op_4} \cdot op_3 \cdot \overline{op_2} + op_4 \cdot op_2$$

J-select

$$op_2 \cdot \overline{op_1} \cdot \overline{op_0} + op_2 \cdot op_1 \cdot \overline{op_0}$$

Ext-select

$$op_4 \cdot \overline{op_3} \cdot \overline{op_2} \cdot \overline{op_1} \cdot \overline{op_0} + \overline{op_4} \cdot op_3 \cdot \overline{op_2} \cdot op_1$$