ALU_9bit

LAB 4.2 CONTROL SHEET

Date: _____

Group : G ____

Student names: _____

_____

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Pre-lab activities (Check ✓ if done)

	#1. Truth table, timing diagram, input vectors, operations, etc. Note: important question because explains the prototype specifications
	#2. Quartus Prime project.
	#3. Functional simulation.
	#4. Timing analyser. Note, try to infer this question: If we connect a signal generator in one of the inputs, try to infer the longest propagation path and thus, the maximum frequency at which the circuit can operate $f_{MAX.}$
	#5. Install the WaveForms software. Note: At least one group member must have installer this instrument driver and use it in demo mode.

Lab activities (Check ✓ if done)

	A. FPGA pin assignment
	B. USB-blaster driver. Note: at least one group member must bring their computer with the driver installed
	C. Programmer tool
	D. Run the circuit and test operations
	E. Static power consumption
	F. Propagation delay
	G. Dynamic power consumption

This experiment is the second part of the post lab assignment PLA4

Additional notes: