ECE2534 Fall 2012: Lab 1 Validation Sheet

Circle Your Instructor's Name: Abbott Baumann Schaumont

Name:

Last Four Digits of your Student ID:

Pledge: I have neither given nor received unauthorized assistance on this assignment

Signature:

To the GTA: Verify the correct operation of the student's Lab 1 program. Follow the steps listed in the Procedure column, and verify that the microcontroller system exhibits the behavior shown in the Expected Result column. Where appropriate, check the box in the Operation column if you observe the correct result. Sign and date the validation sheet, and return it to the student.
To the Student: Validation (or at least entering into the validation queue) is due by 10:00 pm on Thursday Sep 20. Return the signed validation sheet to your instructor at the start of the next class. Note that CEL GTAs will give priority to validations on Thursday Sep 20.

Procedure	Expected Result	Observed Operation
Observe the student compile, download and run the Reaction-Time application on the Cerebot board.	No errors or warnings should be reported. The OLED should initially display Press BTN 1 when LED 1 turns on. After a random delay of up to 5 seconds, LED LD1 turns on.	
Press button BTN1 after LED LD1 turns on.	The number of milliseconds between LED LD1 turning on and button BTN1 being pressed is calculated and displayed on the OLED using the string Reaction time is # ms.	
Press reset button BTN2.	The OLED again displays Press BTN 1 when LED 1 turns on. After a different random delay of up to 5 seconds, LED LD1 turns on.	
Press button BTN1 before LED LD1 turns on.	The OLED displays Press BTN 1 when LED 1 turns on.	

Validated by:

Date and Time:

Use reverse side for additional comments..