## Embedded System Design Lab #2 Signoff Sheet

Fall 2019

You will need to obtain the signature of your instructor or TA on the following items in order to receive credit for your lab assignment. Signatures are due by Friday, September 27, 2019 (Part 1 Elements) and Friday, October 4, 2019 (Part 2 Elements).

Print your name below, sign the honor code pledge, and then demonstrate your working hardware & firmware in order to obtain the necessary signatures.

illinware in order to obtain the nec	essary signatures					
Student Name: HARSH	RATHOR	2E				
Honor Code Pledge: "On my honoreceived unauthorized assistance or	or, as a University n this work. I hav	of Colors	ado student, I h acknowledged	ave neither g work that is n	iven nor ot my own."	
	Student Signature:		Retr	Rethore		
Signoff Checklist						
Part 1 Required Elements						
Schematic of acceptable quality Pins and signals labeled, decount NVRAM (as EPROM substitute Understands device programmed Demonstrated ability to use log Shows detailed knowledge of but data lines D[7:0], ALE, /PSEN, Shows and discusses logic analysts Assembly program and timer IS	pling capacitors, a e), decode logic, a er. ic analyzer to cap oth state and timi and NVRAM ch yzer screen captur	and two 25 and LED for ture bus cong modes. ip select si	8-pin wire wrap functional ycles and view Captures latch	fetches from the address linguic analyzer d	NVRAM. nes A[15:0],	
Part 2 Required and Supplemental E	Elements		18			
AT89C51RC2, RS-232, and FLIP functional 74LS374 debug port functional Understands timing analysis, setup/hold/propagation MSP432 code build process, LED program, version control Instructor/TA Comments:						
FOR INSTRUCTOR USE ONLY Part 1 Elements		Poor/Not Complete	Meets Requirements	Exceeds Requirements	Outstanding	
Schematics, SPLD code Hardware physical implementation Part 1 Required Elements functionality Sign-off done without excessive retries Student understanding and skills Overall Demo Quality (Part 1 Elements)						
FOR INSTRUCTOR USE ONLY Part 2 Elements		Poor/Not Complete	Meets Requirements	Exceeds Requirements	Outstanding	
Schematics, SPLD code Hardware physical implementation Part 2 Required Elements functionality Supplemental Elements functionality Sign-off done without excessive retries Student understanding and skills						

NOTE: This signoff sheet should be the top/first sheet of your submission.

Overall Demo Quality (Part 2 Elements)

A Directly connected OF to PSEM (+) Good progress shown in understanding concepts (+) understands timing diagrams. Towners ansular /2019 \*(+) used Prescaler for LED blinking \* Supplemental not done