## **Microprocessors lab ECSE444**

	Lab 7 Demo sheet	Group N	0:		Lab 7 Demo sheet	Group No:
Student Name:	Student ID:	Grade:	/8	Student Name:	Student ID:	Grade: /8
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Demonstrate correct fu	ınctionality of the code as follov	vs:	(4 marks)	Demonstrate correct fu	nctionality of the code as follow	vs: (4 marks)
Are all sensors reading successful? (@ desired Freq.)		Preq.)	• Are all sensors reading successful? (@ desired F		Freq.) (1.5 mark)	
Button operatio	on working well?		(0.5 mark)	Button operation	n working well?	(0.5 mark)
What efforts are	e done to lower the power?	(up	to 1 mark)	What efforts are	e done to lower the power?	(up to 1 mark
How access to s	shared resources are secured?	(	(1.0 mark)	How access to s	shared resources are secured?	(1.0 mark)
Coding <u>requirements</u> a correctness.	and <u>understandings</u> , configura		n flow and (4 marks)	Coding <u>requirements</u> a correctness.	and <u>understandings,</u> configura	tion, program flow and
• Sensor types, t	their communication protocol and	l driver usage.	(1 mark)	• Sensor types, tl	heir communication protocol and	l driver usage. (1 mark)
	data, memory and thread communeads creation and usage?	nications shoul	ld be (2 mark)		data, memory and thread communeads creation and usage?	nications should be (2 mark)
How power red	duction is done? Any correct reas		ections? (1 mark)	How power red	luction is done? Any correct reas	son behind selections? (1 mark)

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