EE 41440

March 9, 2017 Agenda

Meeting Leader: Kyle

Overview:

* Demo:
	+ Audio:
		- Hub can continuously listen for alarms
		- Hub will start recording sound when it hears a noise above a threshold volume
		- Hub will compare new sound with previously stored sounds and determine whether or not it is an alarm or not
	+ Bluetooth Communication:
		- Wristband can receive Bluetooth messages about the type of alarm detected by the hub
	+ LCD Display:
		- Uses SPI to display messages based upon data received by wristband
		- Therefore possible to connect everything else to I/O pin and the fuel gauge to I2C
	+ Schematic for Wristband:
		- Functional schematic drawn out for wristband
	+ Teaching Hub:
		- Keyboard GUI to interface with Hub