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ECE 49022

Team 17: Blind Mice

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What have I accomplished recently:

* Discovered an stm32 example source code that uses the helixcommunity.org mp3decode c-code to decode MP3 data into PCM data that can allow for reading the MP3 data into the DAC.
* Link to original website: <http://vedder.se/2012/12/stm32f4-discovery-usb-host-and-mp3-player/>
* Took out one AD2 device and one Nucleo STM32F413ZH dev board from ECE 49022 Lab.
* Created a schematic of the speed, mode, forward, back, play, and where am I buttons on KiCad PCB software.

What am I working on now:

* Analyzing the above code to see how I can rewrite it so that it can decode my read audio data into PCM data.

What needs to be done next:

* Helix MP3 decode research - figure how to use this software to decode mp3 data into PCM data.
* Design document 3
* Draft of Flowchart diagram