27/04/2021 Meeting

**Meeting Room:** E301

**Meeting Date:** 20/04/2021

**Meeting Time:** 12.11 – 12.51

**Attendees:** Kevin Taylor, Bill Liu, Laurence Prins, Aryan Srivastava, Toby Bourke, Shayne Crimp

**Agenda:** Group reports of what has been completed since last meeting, plans for the next week, questions.

# Sound

Researching sound detection

* Envoloping signal for detection correlation
* Triple peak method
* Square wave detection vs sine wave

# Speaker

Finding suitable parts for amplifier circuit

Creating circuit and figuring out filters

# Microphone

Researching Example code and Arduino library

Examining microphone output

# Toby

Researching audio detection techniques