

**Group number: 37**

**Project title: High Clarity Speaker System**

**Client &/Advisor: Dr. Louis Banitt, M.D. / Professor Tuttle.**

**Team Members/Role: Quinn Rayner, Nicholas Bramanti, Arifi Salim, Andrew McNeil**

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○ **Weekly Summary (Short summary about what you did this week)**

This week we got much more serious about all the potential designs we could create for our deadline at the end of this week. We have narrowed down our intended design to its components, but are worried that the current composition might be too much software. We are very interested in using the raspberry pi, but are worried about its ability to work with our intended design. We know that we can transfer files across Bluetooth relatively easily, but are worried about the ability to stream input to output quickly without lag. Without being able to interact with the raspberry pi software, we're worried about our design not being practical. We are meeting with our advisor during his office hours Tuesday, and look forward to have a much clearer path once we know how difficult we need to make this project.

○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Quinn	Researched technology and design concepts	6	12
Nick	Researched technology and design	6	12

Arifi	Compiled design concepts	6	12
Andrew	Compiled design concepts	6	10

○ **Comments and extended discussion**

Our meeting this week focused on design concepts, and the difficulties associated with different potential designs. We also discussed budget issues, and compiled important questions for our advisor meeting

○ **Plan for coming week (please describe as what, who, when)**

- Quinn: Entire group deciding on base design
- Nick: Entire group deciding on base design
- Arifi: Entire group deciding on base design
- Andrew: Entire group deciding on base design