**Ultrasonic Jump Rope**

**Project Team Members**

Matthew Viola

Arlind Bengu

RoShanda Dearborne

**Project Summary**

We came up with an idea of an Ultrasonic Jump Rope. Essentially, we want to set an Ultrasonic Sensor to throw out pulses at an interval designated from the user's difficulty settings (with the hardest difficulty throwing out pulses at a faster rate) in order to create an invisible jump rope. Once the user breaks the ultrasonic line, the sensor will detect it and end the process.

**Goals and Objectives**

Briefly identify your project's main goals and objectives.

**GPIO**

The GPIO is used to set up the ultrasonic sensor.

**GUI**

The GUI will display the difficulty selection and when you mess up.

**Github Repository**

This project's Github repository is located at: <https://github.com/rmd020/Final-Project.git >

**Gantt Chart**

Insert your project's Gantt chart here. Make sure to modify the spreadsheet provided. An easy way to insert the spreadsheet is to highlight the relevant cells in the spreadsheet, copy it to the clipboard via Ctrl+C, and paste it as a Bitmap (centered and using no wrap) via Shift+Ctrl+V. Feel free to briefly discuss the schedule.