| Team Name: sdmay24-  Team Members: Theodore Burnick, Ben Mullin, Jack Cassidy, Bradley McClellan, Julia Kroeper, Ian Bixler  Report Period: Sept 11-Oct 24  **Summary of Progress in this Period**  We currently have met with our client and have a solid understanding of our project.  We have a detailed project plan and mission going forward for the rest of the semester.  The software side of our group has been looking into Midi, and seeing how we can use a microcontroller to manipulate audio.  The hardware side of our group has created a tube amp circuit, and can begin testing.  **Pending Issues**  **N/A**  **Plans for Upcoming Reporting Period**  In the upcoming week, the software side of the team will continue to look into how we can manipulate audio using a microcontroller, and specifically look into what microcontrollers we should use, and how we can manipulate the audio using this device.  The hardware side of the team will begin testing on our created tube amp, and see if we can try and develop a mathematical model for how a tube amp effects an audio signal.  These projects are expected to take up the rest of this status report and some of the next status report time. |
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