

**sdmay18-39: Sound Effect Devices for Musicians**

Week 3 Report

September 20 - September 26

**Team Members**Benjamin Reichert — *Experimentation Team Leader*Daniel Kroese — *Software Integration Leader*Garrett Mayer — *Technical Communications Leader*Thomas Kimler — *Technical Project Manager*Virginia Boy — *Communications Leader***Summary of Progress this Report**

- Further analysis of harmonic optimization test performed
- Developed plans for future experiments using simulators and oscilloscopes
- Discussed plans to purchase pedals/equipment for future testing
- Developed formalized project plan
- Developed project website
- Discussed opinions of musicians on amplifiers

**Pending Issues**

- Need better recording methods for experiments
- Oscilloscope may be too low resolution for our purposes
- Simulations will likely be inaccurate and take a long time to develop
- Need tube amplifier and solid state amplifier data to compare side by side

**Plans for Upcoming Reporting Period**

- Begin testing with oscilloscopes
- Determine which equipment our group needs to purchase
- Begin organizing testing data in a usable way

**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Benjamin Reichert	Developed formalized project plan, analyzed data from previous experiment, developed ideas for improved data recording	6	24
Daniel Kroese	Developed formalized project plan, Discussed opinions of musicians on amplifiers, looked into better methods of recording data	8	23
Garrett Mayer	Developed formalized project plan, Developed project website, analyzed data from previous experiment	6	26

