
Date: 2/6/17

Group number: 1712

Project title: Sound Effect Devices for Musicians

Client &/Advisor: Professors Geiger and Chen

Team Members/Role: Jake Asmus/Team Leader, Joseph Brown/Team Communicator, Daniel Peterjohn/Team Webmaster, and Jiangning Xiong/Team Key Concept Holder

○ **Weekly Summary**

- This week we met together to further discuss our design options for the pedal we want to design, mainly the general layout of how we want our pedal to look when we are finished. We also discussed the options for a pedal mat to adjust the pedal in a live time performance setting. As a group we met with Professor Geiger to further discuss our ideas for the pedal and introduce our idea for the pedal mat.

○ **Past week accomplishments**

- As a group, we discussed the design functionality we would like to see by the end of our project, and how to implement a pedal mat to make adjustments in live time easier for the user.

○ **Pending issues**

- As a group, we are trying to solidify our project idea with Geiger before we move forward to the design of the pedal and pedal mat.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>Hours cumulative</u>
Jake Asmus	Group discussion	2	4
Joseph Brown	Group discussion	2	4
Daniel Peterjohn	Group discussion	2	4
Jiangning Xiong	Group discussion	2	4

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- **Plan for coming week**
 - As a group, we are going to do further research to understand how to use electrical circuits to adjust frequency, and look into the feasibility of making a smaller IC chip for the final design of the project.
- **Summary of weekly advisor meeting**
 - We met with Professor Geiger and discussed the pedal mat idea in addition to our octave splitter pedal as a project. Professor Geiger mentioned looking into ways to control the pedal mat more efficiently, namely having different zones within the mat to control up and down on the same function. We envisioned different gestures to trigger different functions within a pedal, but decided that stepping on a pedal/mat would be the easiest method in most cases.