

## Sprint 4 Report

### Actions to stop doing:

- Long response times to other team members' questions, comments, etc.

### Actions to keep doing:

- Have better meetings with sub-groups to complete tasks collaboratively
- Everyone going to meetings and engaging with the group

### Work completed/not completed:

- We completed all of the user stories this sprint. We plan on connecting the back-end and front-end first thing in the next sprint.
- **Completed:** As a user, I need my visual keyboard to play the correct notes on the keyboard.
- **Completed:** As a user, I need a webpage that allows me to upload my own unique mp3 files.
- **Completed:** As a user, I need to have my uploaded file synthesized to play on my keyboard.
- **Completed:** As a user, I want to be able to visualize my uploaded sound, as well as the resynthesized sound I am playing.
- **Uncompleted:** As a user, I want to be able to change the parameters of the genetic algorithm.

### Work completion rate:

- We completed all the tasks to create our MVP
- We completed the loading screen while the genetic algorithm runs
- We completed the spectrograms for the uploaded sound and the re-synthesized sound so you can see the two sound waves