

Sprint 2 Report

Audio Processing

Guitar Effects

Sunday, November 5, 2017

Revision 0.01 on Sunday, November 5, 2017

**Actions to continue doing:**

- Keep up the good communication
  - o Comfortable enough with each other to ask programming questions
  - o Constant communication on Slack channel
- Continue to maintain Trello.
- Have enough meeting, but not too many.
- Work around schedules to ensure everyone can attend meetings.

**Actions to start doing:**

- Set goals higher.
- Understand that interfacing is a big job
- Distribute tasks evenly among members if too busy
- Distribute goals evenly
- Constantly reassess goals during sprint.
- Move meeting times to later time.
- Utilize github more.
- Get docs into github.

**Actions to stop doing:**

- Being late or missing meetings.

**Work completed/not completed:**

- Sound effects
  - o Delay
  - o Wah-wah
  - o Distortion
  - o Vibrato
  - o Tremolo
  - o Compression
- Modify sound effect patches
- Interface MIDI with Puredata
- Get MIDI working on Raspberry Pi

**Work completion rate:**

- Completed user stories: 2
- Ideal work hours: 35
- Total number of days: 14
- User stories per day (2/14): 0.143

- Ideal work hours per day ( $35/14$ ): 2.5
- Prior sprint completed user stories: 4
- Prior sprint ideal work hours: 28
- Prior sprint total number of days: 14
- Average user stories per day  $((0.286 + 0.143)/2)$ : 0.215
- Average ideal work hours  $((1.93+2.5)/2)$ : 2.215