

Goal:

- Lay the foundation for using the AI to generate music, and distributing that music via web. This involves learning to use the tools involved, and the initial training of the AI.

Tasks:

- [8] As a developer, I need to learn the relevant technologies involved with web development.
 - Study MERN stack [3+]
 - Learn HTML/CSS/Javascript [1]
 - Learn Adobe Photoshop/Illustrator for web design [2]
 - Setup development environment for the web application [4+]
 - Become familiar with AWS [2]
- [8+] As a developer, I need to learn how to work with music-related artificial intelligence.
 - Test/verify Wavenet [2]
 - Learn to take advantage of Wavenet properly [5+]
- [13+] As a developer, I want to train an AI to generate lo-fi hip hop, so that I can generate music from it later on.
 - Collect a sizeable amount of training data [1]
 - Set up a powerful linux virtual machine with AWS [3]
 - Give the training instruction and save the AI model produced [15+]

Total: 38 hours

Team Roles:

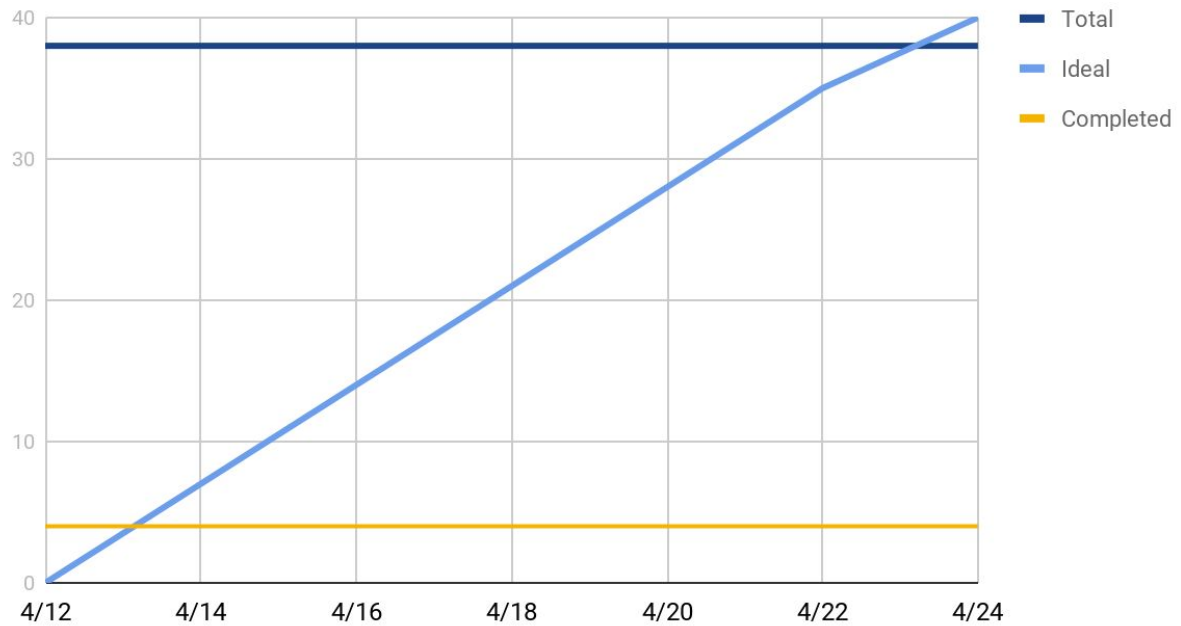
- Lawrence Lawson - Product Owner, Developer
- Alex Perrotti - Scrum Master, Developer
- Chris Mendoza - Developer
- Karen Lee - Developer
- Vincent Yao - Developer

Initial task assignment:

- Everyone: Study MERN stack
- Everyone: Test/verify Wavenet
- Lawrence, Chris: Learn HTML/CSS/Javascript
- Vincent, Karen: Learn Adobe Photoshop/Illustrator
- Alex, Chris, Lawrence: Become familiar with AWS

Initial Burnup Chart

Initial Sprint 1 Burnup Chart



Initial Scrum Board:

trello.com/b/yeDCBK8w/lofi-ai-scrum-board

Scrum Times:

- Monday: 17:00
- Tuesday: 17:00
- Wednesday: N/A
- Thursday: 10:00
- Friday: 17:00

All meetings take place in BE340 unless otherwise specified.