

Logistics

- Meeting Room - BE304A, Vivas (Fridays only)
- Meeting Times
 - Mo - 17:00
 - Tu - 17:00
 - Th - 10:00
 - Fr - 09:00
- Project Repository
 - GitHub - <https://github.com/Zagan202/LoFiAi.git>
 - New branches are to be created per feature and merged when done
- Communication - Slack

Development Environment

- Platform - Web
- Databases
 - Mlab - links
 - AWS - music
- AI
 - Tensorflow Wavenet - AI training/generation script
 - Google Cloud - VM to run training/generation
- Web Development
 - React - Front end development
 - Express - Routing
 - Axios - Front/back end connection
 - Mongodb - Database management
 - Node.js - Misc.

Coding Standards

- Comments
 - Descriptions - First character capitalized after one space
 - One such description per function and per file
 - Code - No such capitalization nor spacing

Process Patterns

- Acceptance Criteria
 - As a user, I want to listen to new instrumental music, so that I don't hear the same song twice.
 - Given I'm on the landing page, when I press play, then I should hear randomly queued AI generated music.
 - As a user, I want the website to have a minimalist design so that users can access the features easily.

- Given I've just entered the website, when I scroll down, then I should see a title/logo, followed by the player, followed by the about section, each with padding and accompanying art.
- As a user, I want to save music that I listened to so that I can listen to the music again if I liked it.
 - Given I've been listening for any given amount of time already, when I press a save button, then the song currently playing downloads to my computer as a file I can then play whenever I like.
- As a user, I want to share a track with someone else so that they may enjoy the music too.
 - Given I've been listening for any given amount of time, when I press a share button, then I should receive a link to the website playing the current track.
 - Given I'm on some social media platform, when I click a link generated by the share feature, then I should be taken to the website playing the same song the sharer of the link was listening to at the time.
- As a user, I want a parallax design, so that I can better immerse myself in the style of the website.
 - Given I'm at any point on the page, when I scroll up, I should see the features and art assets of our design translate onto the screen as seen in the template.
- As a user, I want seamless audio controls so that the controls do not disrupt my listening immersion.
 - Given the music is not currently playing, when I press the unique play/pause button, the music should begin and continue as before with the generic player.
 - Given the music is currently playing, when I press the unique play/pause button, the music should stop in place.
 - Given the volume is at any level and the music is playing, when I slide the unique volume scale, the volume should increase or decrease accordingly.
- Work together in person at least once per sprint after a normal meeting

Product Design Patterns

- UI
 - Minimal
 - Warm colors (soft red, orange, navy)