

Team 13 – Vibrations
CS5704 – Software Engineering
Fall 2023

<https://github.com/VTCS5704-Team1>: This is our GitHub organization that we used to store all of our repositories for Vibrations. We originally thought we were team 1, hence the name. We decided to this because we saw value in separating Vibrations repositories into their own space, particularly for accessibility.

<https://github.com/VTCS5704-Team1/vibrations-back-end>: This is the repository for our backend, Spring Boot application. The Readme file explains how to operate it locally and independently of the frontend UI. It is configured to accept requests only from both localhost:3000 and the frontend instance in the cloud. It will automatically reject requests from any other origin.

<https://github.com/VTCS5704-Team1/vibrations-front-end>: This is the repository for our frontend, React application. The Readme file explains how to operate it. At the moment, the React application is configured to connect only to the AWS instance of the backend, meaning that even if you run this application locally, it will still connect to the cloud.

Additionally, there are a couple of supplementary repositories that are used to store other code related to Vibrations that are not independent applications. These may or may not follow specific GitHub guidelines.

<https://github.com/VTCS5704-Team1/nginx>: This is the repository used to create and deploy the base NGINX container that stores the frontend. We decided to put this in a separate repository to keep the frontend repository uncluttered.

<https://github.com/VTCS5704-Team1/vibrations-matchmaking>: This is the repository used to store different tests and versions of the matchmaking algorithm. Most of the matchmaking development was done independently of GitHub and in the cloud, hence why this repository does not follow the same GitHub standards that the others do. The file 'lambda_function.py' is the exact code stored in AWS Lambda that is invoked by the backend.

<http://dev-vibrations-api-final-env.eba-wpisspwu.us-east-2.elasticbeanstalk.com/>: This is the backend application running in the cloud. It is recommended that if you test this version, you still use Postman.

<http://dev-vib-ui-final-eb-env.eba-xvyd3ppt.us-east-2.elasticbeanstalk.com/>: This is the frontend application running in the cloud. This connects to the backend cloud application listed above.

If any of these cloud instances are down when you are grading this, it is probably because we had to take them down over budget concerns. The Readmes in the front and backend repositories will be updated with instructions on how to run the code locally. If those Readmes have not been updated, that means that there is an external cloud problem. You should contact davidfc@vt.edu if this occurs.