

A decorative graphic on the left side of the image consisting of two overlapping parallelograms. The front one is blue and the back one is a light greenish-blue. They are positioned diagonally, with the blue one in front of the green one.

# Avoke

A Music Visualizer



# Team Members

Lauren Paredes

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# Purpose

- The purpose of our app is to provide an extra level of entertainment to music for people.
- The app allows users to upload audio files where they are the audio is analyzed and then visualized for the user using canvas drawing



(source:[https://res.cloudinary.com/featureupvote/image/upload/f\\_auto/1\\_bphhav.jpg](https://res.cloudinary.com/featureupvote/image/upload/f_auto/1_bphhav.jpg))



# Tools for Avoke (with ratings ★★★★★)

- Methodology- Agile (★★★★★)
- Version control- GitHub (★★★★★)
- User stories- Jira (★★)
- Text editor- VScode (★★★★★★)
- Database- Postgresql (★★★★★)
- Host testing - localhost (★★★★★)
- Setting up server- Node.js (★★★★)
- Version control help -Gitkraken (★★★★★★)
- Communication - Discord (★★★★★★)
- Database server-pgAdmin 4 (★★★★)



# Testing

## User Acceptance Testing Test Cases

1. User should be able to login to their account if using the correct credentials
2. User authentication fails when the user provides invalid credentials

## Acceptance Criteria

1. A user must complete all mandatory fields to log in

First Name

Last Name

Email

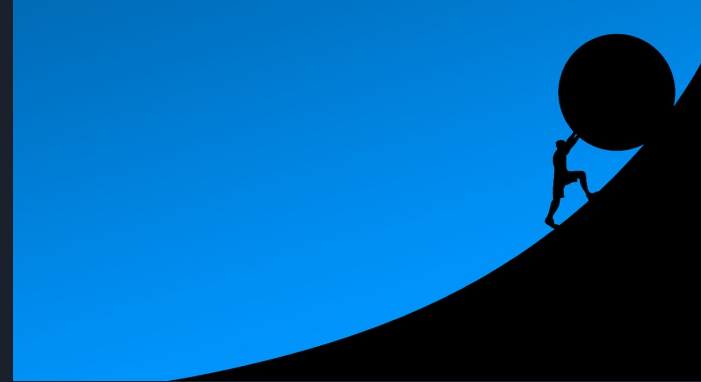
Password

Information from the form is stored in the 'users' table in the database

2. If a user enters an invalid credential, the login should not go through. The system should reset and allow user to re-enter credentials

# Challenges

- Collaborating effectively with Github
- Communicating in different time-zones
- Working on visualizer with ejs
- Working with GitHub (learning branching)
- Connecting database with localhost server
- Making the login work
- Too big of ideas for the time we had
- Implementing cookies and sessions



Source(<https://www.fipp.com/wp-content/uploads/2020/03/challenges.png>)



# Demo

<http://localhost:3000/login>



Questions?