A Music Visualizer

Team Members

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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)

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?