Team name: Codescapes

Project name: Audiovision

Team members: Miguel Vazquez and Luc Tang

Current leader: Luc Tang

Github: https://github.com/poke8014/CS161

Job Assignment:

Luc: Back-end lead

Miguel: Front-end lead

Completed Work:

- Implemented customizable sketches
- Implemented 4 visualization models
- Added a menu to control the look of the visualization
- Rule to remove guest objects after a day from S3

Blockers:

None

Milestones (changed back to original milestones)

- Finalize prototype
    - Finalize the implementation of the login/sign up functionalities
    - Test the prototype thoroughly and fix any bugs
    - Present a working prototype
- Non-essential features
    - Exporting audio visual along with audio
    - Customizability for audio visualizer
    - Choosing visual design / color palette

Instructions for expert users to verify work:

- Clone the Audiovision repository from Github using the following command:
  - git clone https://github.com/poke8014/CS161.git
- Change your working directory to dev in the project root:
- Change your working directory to config
- Create a config.json file using the template config.example.json file.
- Fill in the required API keys in the config.json file (ask the contributors for the API keys).
- Return to the dev folder
- Install dependencies by running the following command:
  - npm i
- Start the app with the following command:
  - npm run start
- The server should now be running on http://localhost:8000 and the front-end will be running on http://localhost:3000.

Testing Menu audio selection:

- Select audio name in menu
- The audio selected will be highlighted
- The visualize it button will turn green
- Click on the visualize it button
- You will be able to play the audio in the visualization page

Testing audio visualization, visualization menu, and home page:

- Go to "http://localhost:3000/"

- The home page will be shown
- Click on the let's go button
- It will direct the user to the upload page
- Upload an audio or select an existing audio from the menu
- Click on visualize
- It will direct the user to the visualization page
- Click on play/pause button to initialize the visualization
- Click on the menu which would show the customization options for the user
- Click on play/pause button to visualize it with the changes made

Technology Tools: MongoDB, Amazon s3, Express, React, Node, Figma