

**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:**

- Started implementation on database server hosting
- Changed implementation of audio upload to use different library
- Finished the implementation of the upload page
- Fixed bugs with the Menu component
- Fixed File sharing between the upload page and visualization page
- Started designing and implementing the home page
- Added guest audios to the database
- Added an API route to get guest audios

**Blockers:**

- Still working on implementing the sketches in the visualization page.  
We've encountered issues using the P5 library in React.

**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 audio upload:**

- Select a mp3 file to upload
- Click the upload button underneath the file upload area
- Wait around 2-3 seconds (no loading page yet)

- Audio file is loaded on the Visualization page
- Click the button or on the canvas to stop/play

**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

**Technology Tools:** MongoDB, Amazon s3, Express, p5.js, React, Node, Figma