**Team name**: Codescapes

**Project name**: Audiovision

**Team members**: Miguel Vazquez and Luc Tang

**Current leader**: Miguel Vazquez

**Job Assignment**: Both full stack

**Milestones**:

Week 2: project planning

- Define project goals

- Choose the technology stack

- Create detailed project plan with specific tasks and deadlines (14 weeks)

Week 3-4: Set up + back-end

- Set up development environment

- Create the database

- Audio file upload and delete

- REST API

- UI sketches / wireframe

Week 5-6: front-end

- Start building the front-end components

- User interface

- Audio analysis (p5.js)

- Implement sample p5.js sketch

Week 7: Integration

- Integrate the front-end with back-end

- Fetch audio

- test and debug any issues.

Week 8: Finalize prototype

- Test the prototype thoroughly and fix any bugs

- Present a working prototype

Week 9: Non-essential features

- Exporting audio visual along with audio

- Customizability for audio visualizer

- Choosing visual design / color palette

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

**Tasks Accomplished by Member:**

Luc: Connected to database, schema design

todo: implement upload and delete

Miguel: UI design

todo: implement update and retrieve

**Feedback from Gladiators:**

- Map out different components in website before coding

- Google sign in

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