

Introduction

During the ongoing pandemic, countless concerts and social events have been canceled. This makes music all the more important, as music's connective purposes are crucial in these trying times. Through group listening, users of Soundcheck can create new and strengthen existing bonds, as music is inherently social. With the high user base of streaming services, building Soundcheck on top of these is the natural way to facilitate the interaction that people need.

Related Works

Spotify Group Session:

- + Allows music streaming with friends
- **Unsafe** to stream with new people

Teleparty:

- + **Compatible** with video-streaming services
- **Specific installation** as Chrome extension

Discord:

- + Unified communication and streaming
- **Not intuitive** for new users

Kast:

- + Robust, **easy-to-use** communication
- **Many features** are locked behind a paywall

Party Room

5 Members



Tags:

- Tag1
- Tag2
- Tag3



September

Earth, Wind & Fire

3:20 / 3:35



- Room Settings
- Exit Room



Emma

Yoooo, I love this song!

You

Same, great pick, host!

Kevin

Thanks man!

Write your message...

Methodology

The application will be built on a **Python-Flask** backend for simple account services, featuring **HTML** for frontend user interaction and **Socket.IO** to stream music and chats across servers.

By allowing connections with **Spotify** and **Apple Music** accounts, this application will connect users of different services in matching servers, using API calls to check for and play music from both services.

Evaluation

Survey

- Accounts for **user bias**
- **Introduction** to the application.

Focus Group

- **Testing** independent application features
- Gathering **group opinions**

Interview

- Identify **individual opinions**
- **Receive feedback** on the overall product