

# CS 546 Final Project Proposal

Group 4, Section A

February 28th, 2020

## Group Members

- Meghana Manikal
- Kirsten Meidlinger
- Ashish Negi
- Paul Szenher

## Project Idea

### Music Sharing Service

#### Description

The project will constitute a music upload and sharing service. Users will be able to upload mp3 files to their personal account, and share them publicly online. These shared music files will be able to be downloaded by other users.

#### Core Features

1. Upload of mp3 files to user accounts
2. Download of uploaded mp3 files
3. In-browser playback of songs
4. Liking/disliking system
  - "Most liked" songs on home page
5. Commenting on songs

#### Extra Features

- Back-end conversion of non-mp3 audio type
- Social Media Features
  - Music recommendation system
- Song content matching (copyright protection)
  - Potentially utilizing AcoustID with corresponding NPM package

## Github Repository

<https://github.com/pszenher/cs546project>