



# Final Project

## Abstract

MP3 player written in Python.

## Features

Graphical user interface

Ability to select a song to play from a list

Playback functions:

- Play
- Pause
- Stop
- Skip

Displays track information

## Frameworks/Libraries

Pygame

- Has audio playback functions

## Phases

1. Program plays predetermined song from the console
2. Program can select and play a song from a folder
3. Program can play, pause, and start a file selected from a folder.
4. GUI
5. Program displays track metadata and information

## Wishful Thinking

- Program visualizes audio stream during playback
- Program can create playlists and shuffle playback order
- Program can play back an album file folder

## Resources

### How to build an MP3 Music Player with Python

In this last part, we will see how to create commands such as play, stop, pause and unpause in order to control the music player. To create these commands we will build some functions

 <https://towardsdatascience.com/how-to-build-an-mp3-music-player-with-python-619e0c0dcee2>

