

Hartland Brown

Bandly

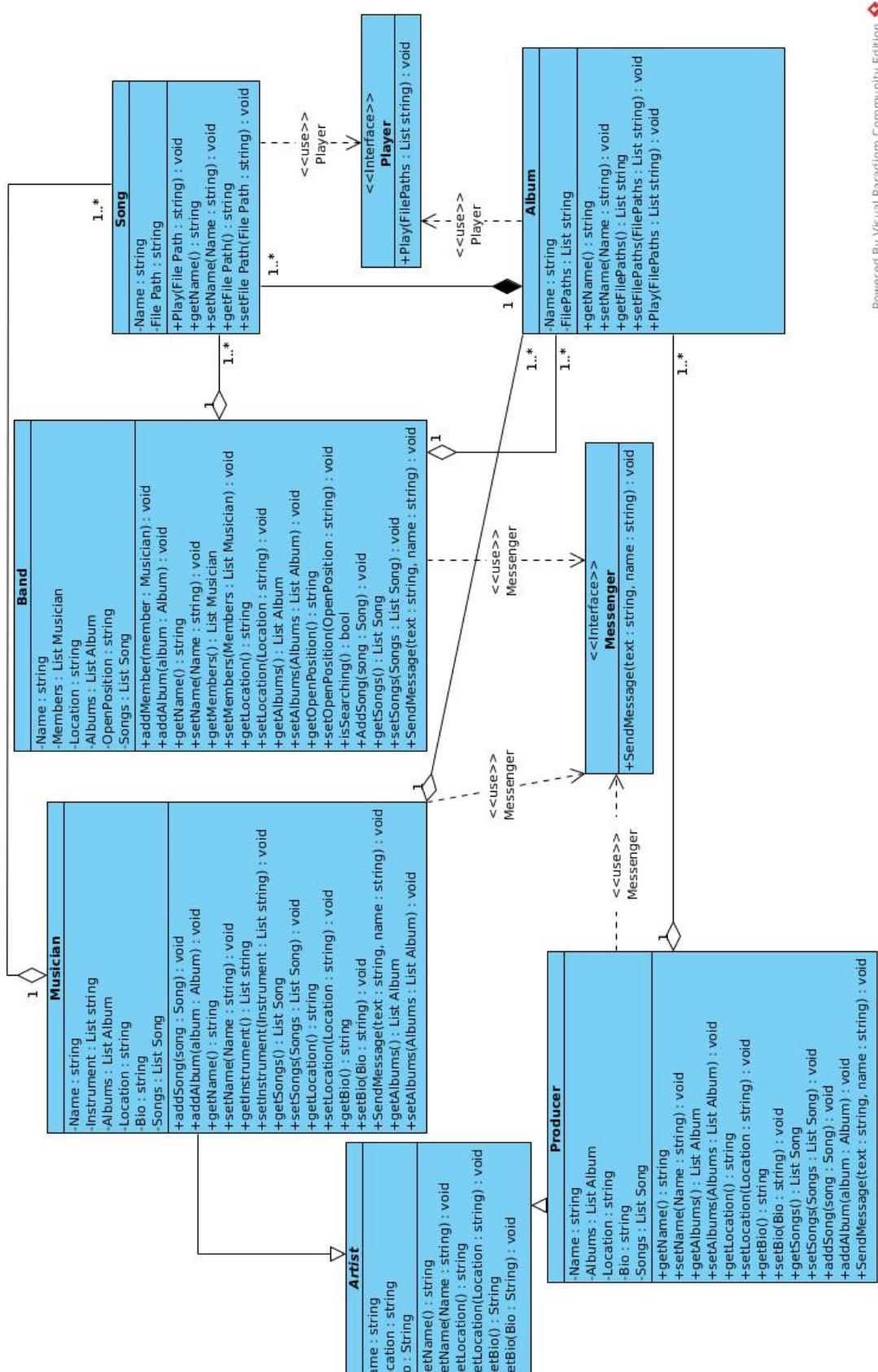
Summary:

For my project I want to design a social media platform for musical artists that allows bands to look for members, as well as for those artists to be able to advertise themselves both to other musicians, as well as any third parties interested in hiring an artist or purchasing their music. The current features that I am aiming at designing, and the class diagram I made, are for a messenger platform that will allow for communication between artists, adding of songs and albums, as well as the ability to play these songs and albums.

Requirements:

ReqID	Requirement
1	Ability to create an artist profile, as a single artist, or producer that would like to collaborate.
2	Ability to create a band composed of multiple artists.
3	Ability to add Albums to an artist or band profile, as well as Songs to those Albums
4	Ability to browse other artists
5	Ability to search other artists
6	Ability to play songs and albums
7	Ability to message other artists, and add new artists to a band if there is an open position desired to be filled.

Class Diagram:



UI Mockup:

My UI will be very basic. Only displaying the text information and an artist, a searchbar up top, which will return artists based on instrument, and a browsing section which will return a list of bands looking to hire or collaborate. Producers or Musicians can message any band on that page, and the band may respond.

Profile

Search	
Browse Bands	
Name	A Ibans
Instrument	A ₁ A ₂
Location	A ₃ A ₃
Biom	A ₅ A ₆
Player	
Song 1	
MESSAGE	MUSICIAN

Band profile

Search

Name

members



Albums

A₁ A₂

A₃ A₄

Player

Open Positions

Songs

1

A curly brace grouping the 'Open Positions' and 'Songs' sections.

Message Band