

Kyle Hartland Brown

Project Bandly

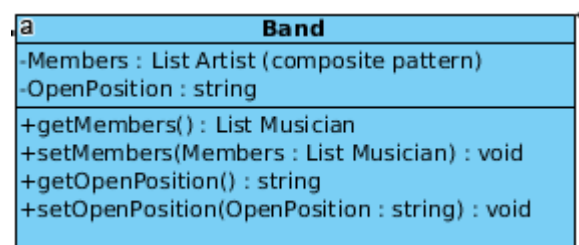
This app is the beginnings of a social media app for musicians, bands, and producers. The implementation currently has the ability to create artists of all kinds, and play their music. So, by ID. Requirements 1,2,3, and 6 were implemented

The features that were not implemented are the search, browse and the message features, which I plan to finish implementing.

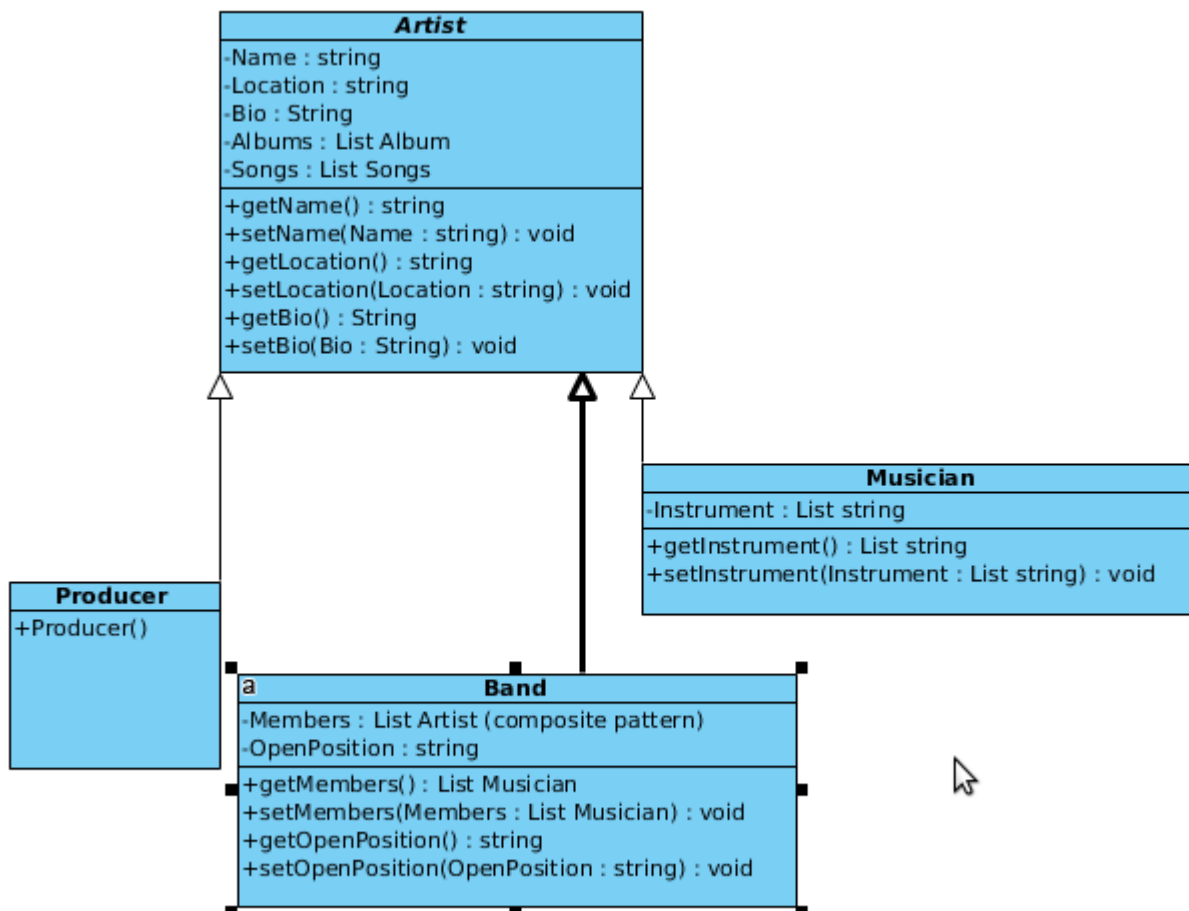
So by ID, requirements 4 and 5 were not met.

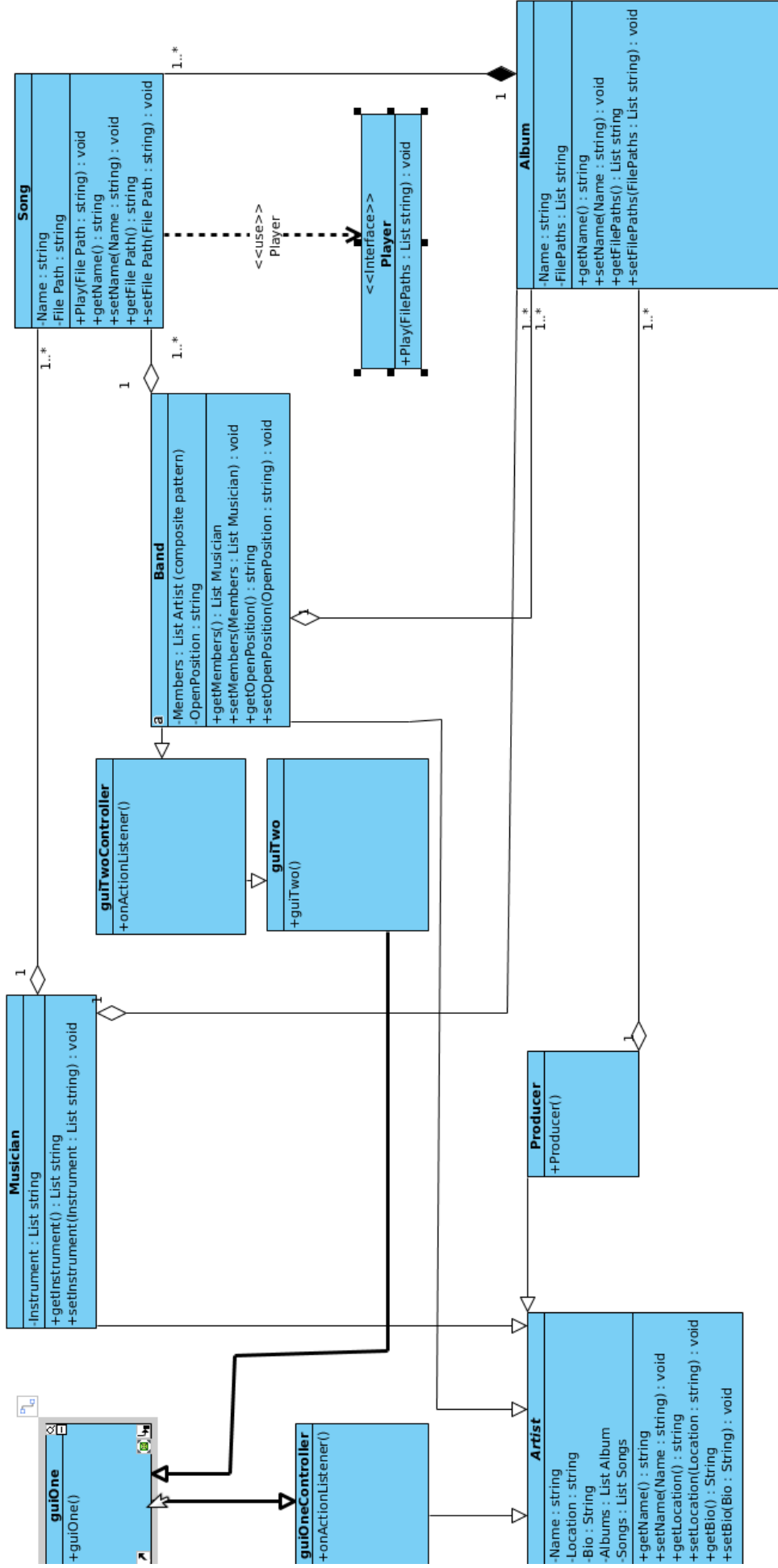
My final class diagram is below. The only changes I made are to remove inherited features from each class, as well as add my controllers, my views, and the composite design pattern.

The design pattern I used was composite, I made a list of Artists inside the Band class that allows the band to list both producers and musicians inside this Artist list.



The band class above was used to implement the pattern. And the class diagram for it is below.





Through this project I learned a lot about how to structure my MVC in my project, although my controllers ended up being a bit sparse, and I also learned how hard it is to implement a gui in Java! I had to explore many different audio managers and gui libraries in order to get my implementation working, as well as explore multiple design patterns and analyze how I could use them before I realized a composite design pattern would work perfectly. I also had a lot of work to do as far as slimming down my code, and my final implementation did not do as much as I hoped, nor look as good as I hoped. I plan to continue the project in my free time to rectify that!