

# Lyrical

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# Description

My project is a music search engine that allows the user to search songs and artists to see lyrics and listen to the song.



# Features

- Search
- Stream
- User creation and login



# Planning - User Stories

Search and User login are the main user stories here. The search function is really the highlight here, it uses multiple api's combined to complete the functionality.



# Planning - Database

I only had to use one table in the database thus far, but more to come in the near future. I use a small two column table to store the account information for user login.



# Technology Stack

- Java
- Spring Boot
- Thymeleaf
- Sql
- Musixmatch API
- Deezer API



# Demo



# What I Learned

- Unirest - a library to make calling API's and manipulating the data simpler.
- Using data from one API, sending it to another and return pieces of the response that I need without any user input.





# What's Next

- Song favoriting/saving
- Working on small UI things, possibly adding related artists and history on the song results page.
- I would like to deploy the project for public use possibly in the future

