Adele Music Search Engine

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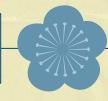
Live Demo

Shows all the options a user can pick from





Chosen Topic, Music



- Music
 - Everyone loves music
- Artist: Adele
 - Genre: Soul and jazz
 - Her songs are known worldwide
 - Won over 20 awards, including Billboard Top Artist and Grammy Awards



Overview of the Data set



- 1. Where was it found?
 - a. https://genius.com/artists/Adele
- What are the fields contained in the data set
 - a. Title
 - b. Year released
 - c. Album Name
 - d. Full text of the lyrics











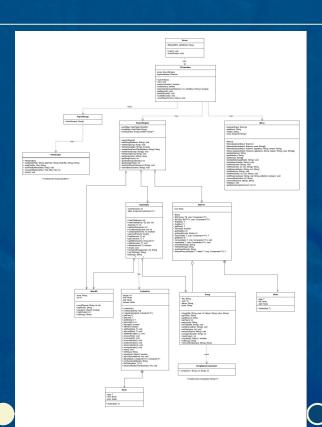
- 1 All I Ask
- 2 2015
- 3 25
- I will leave my heart at the door I won't say a word They've all been said befor



Data Structures + UML



Link to diagram





Walk-Throughs



Scenario 1

Add a new record with the word "massive" and search it by keyword to see if it appears

Scenario 2

Attempt to delete the record "set fire to the", then attempt to delete "Set Fire to the Rain." Then search up the deleted song by primary key.

Scenario 3

Display statistics.
Then, modify any record to change the title, set the year to -1000000, change the album name, and set the lyrics to "gigantic." Then, display the statistics again.

Feedback



Tester 1

When I try to change the lyrics to massive and then search it up, the changed song shows up, but so does another song that definitely does not have the word "massive" in it.

Tester 2

When modifying the year it looks like you have testing print some statements you forgot to remove. In addition, the UI in some areas is unclean and the prompting could be more clear. For example, you should specify you want the exact song name.

Changes

Fixed a critical bug in how we were assigning wordIDs. In addition, we did indeed find many places were we had unnecessary printing, or unclear prompting and changed it to remove ambiguity.





Live Demo













Thank you for listening!







