

# Top Hits

## User Manual

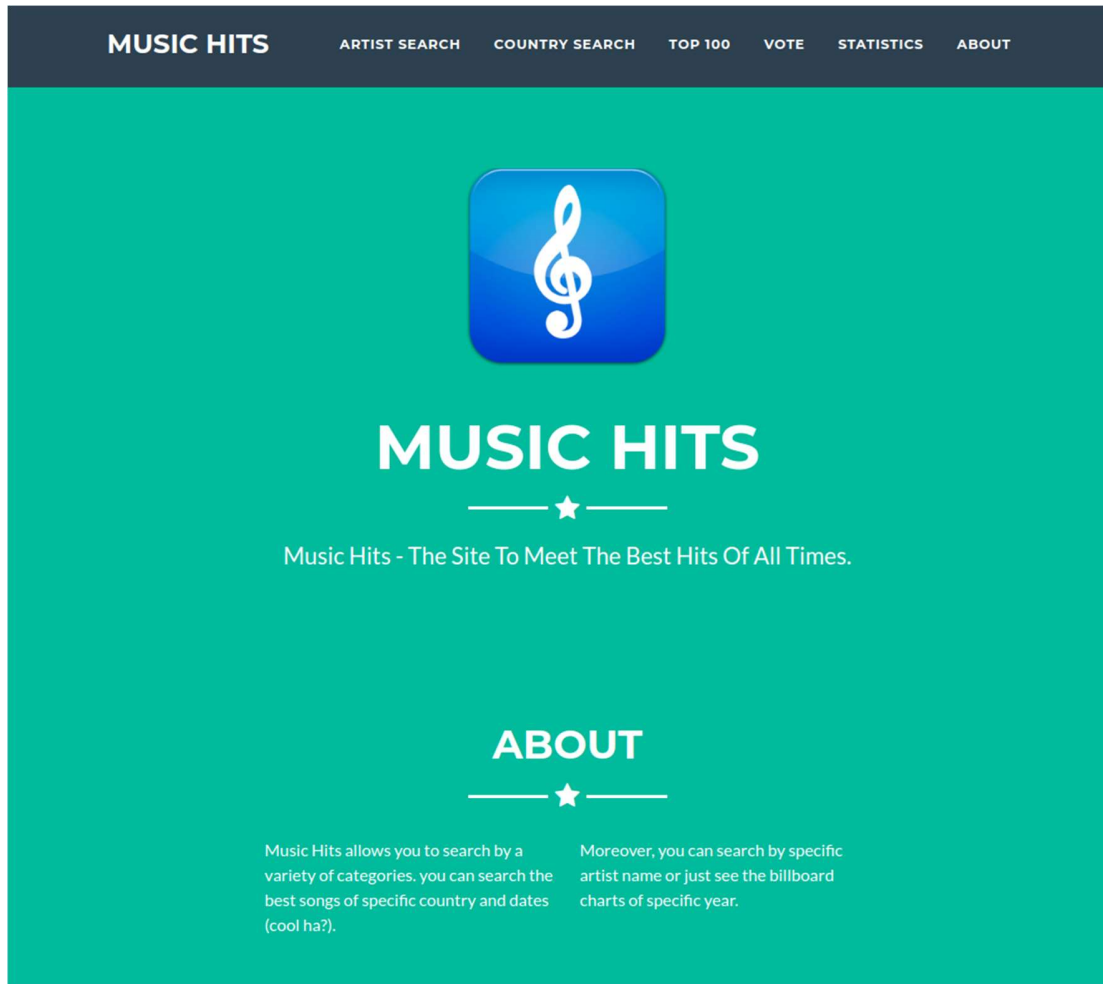
### Overview

The Top Hits application gathers information on the top charted songs of the last 50 years (as collected by billboard.com, based on radio airplay, sales and streaming data). It allows the search and retrieval of top songs by timeframe, artist, country of origin and additional filters. In addition, the user can add personal score to its favorite songs. Finally, the application displays site statistics, based on the most searched artists and countries of origin, and on the highest user upvoted songs.

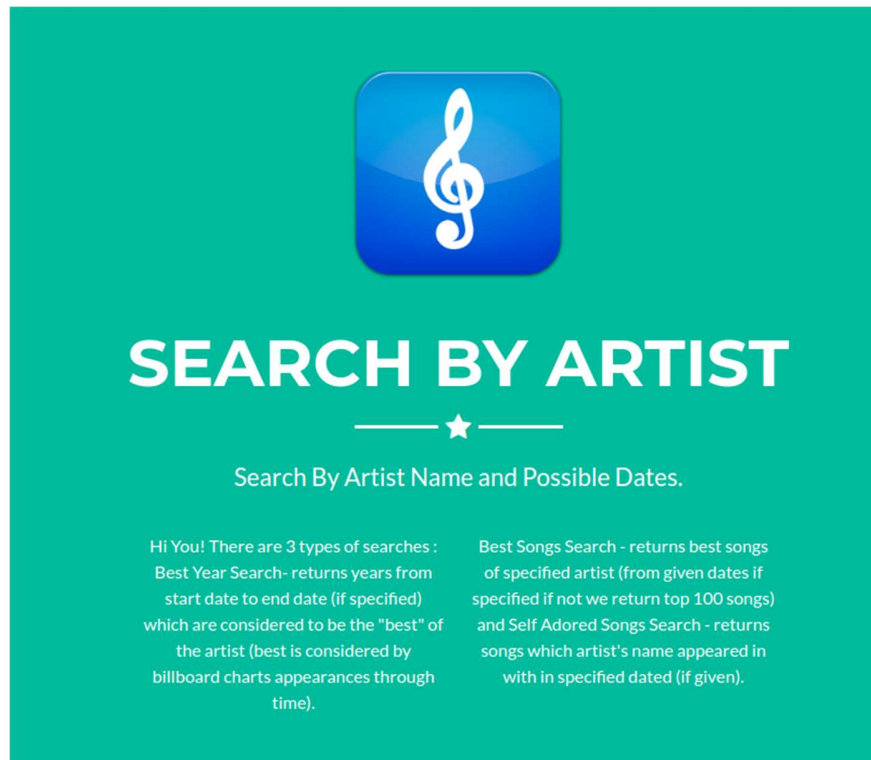
### Application Screens

Please note: In addition to this manual, each page contains a fully detailed description of its use.

**Home Page:** A simple introduction to the site, with a navigation bar at its top. All pages are accessible via this navigation menu.



**Search By Artist:** Here the user can search top songs by filtering on dates combined with the artist's name. Additional filters are songs of the best year in this frame, and Self Adored Songs, which contains songs in which the name of the artist himself appears.



## SEARCH BY ARTIST



Artist name :

Enter start date after 1970-12-31 :

01/02/2018

Enter end date before 2018-01-02 :

12/31/2017


Enter Type Of Search :

Best Year  
Top Songs  
Self adored Songs

Search

**Search By Country:** Search top artists by filtering on a combination of dates and countries of origin. Top singers are those who appeared most at the top charts at the searched timeframe and were born at the chosen country. Also, search Patriotic Songs – songs in which the name of the chosen country appeared at their lyrics.

**MUSIC HITS**[BACK TO FRONT PAGE](#)



# SEARCH BY COUNTRY

— ★ —

Search By Country Name and Possible Dates.

Hi You! There are 2 types of searches :

Best Singers Search- returns singers from start date to end date (if specified) which artist considered to appear often in billboard charts in good places.

and Patriotic Songs Search - returns songs which country's name appeared in with in specified dated (if given). Enjoy!

# SEARCH BY COUNTRY



Country :

Enter start date after 1954-01-01 :

mm/dd/yyyy

Enter end date before 2018-01-20 :


mm/dd/yyyy

Enter Type Of Search :

Top Singers   
Patriotic Songs

Search

**Top 100:** Simply retrieve the top chart at a given timeframe, filtering on songs at those charts or their artists.



# TOP 100

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Search By Dates

Hi You! There are 2 types of searches :

Songs Search - returns Top 100 songs from start time to end time if specified (else, of whole times).

Singers Search - returns top 100 singers who are considered to be in top 100 singers from start time to end time (if not specified top 100 singers of all times).

## TOP 100

— ★ —

Enter start date after 1970-12-31 :

mm/dd/yyyy

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Enter end date before 2018-01-02 :

mm/dd/yyyy

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Enter Type Of Search :


Songs ▲

Singers ▼

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Search

**Statistics:** In the statistics page, one can look for the most searched artists/countries, and the most popular songs by users' votes.



# STATISTICS

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statistics of the most searched\ voted artists and countries.

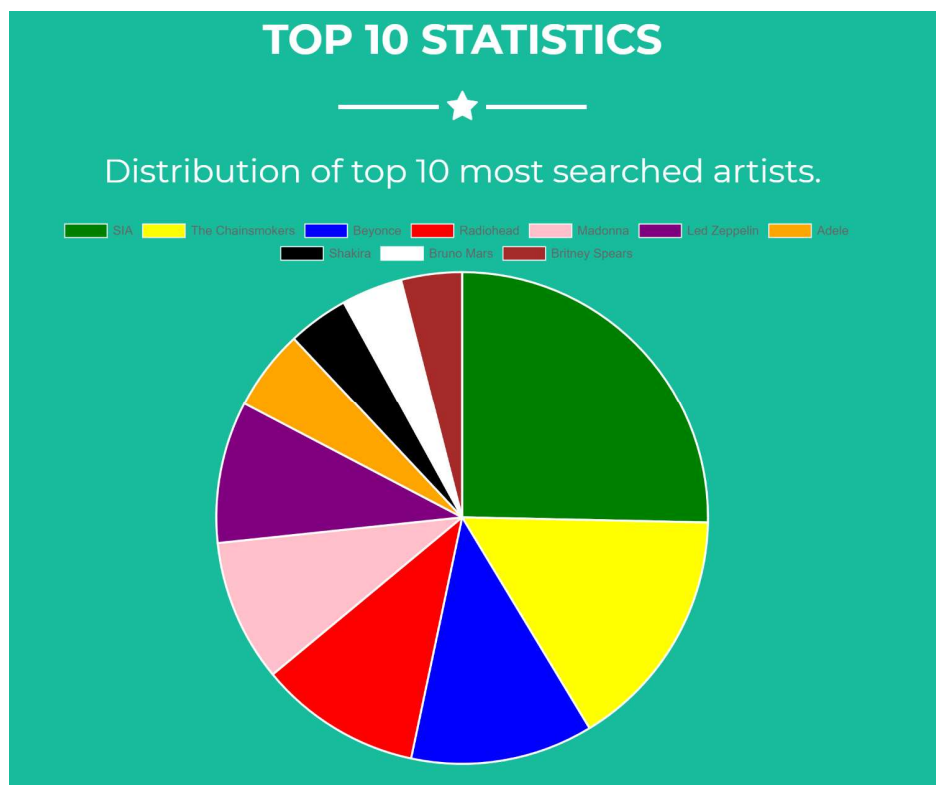
Enter Type Of Statistics Requested On Input :

Most Popular Searches of Artists

Most Popular Searches of Countries

People's Choice!

Show

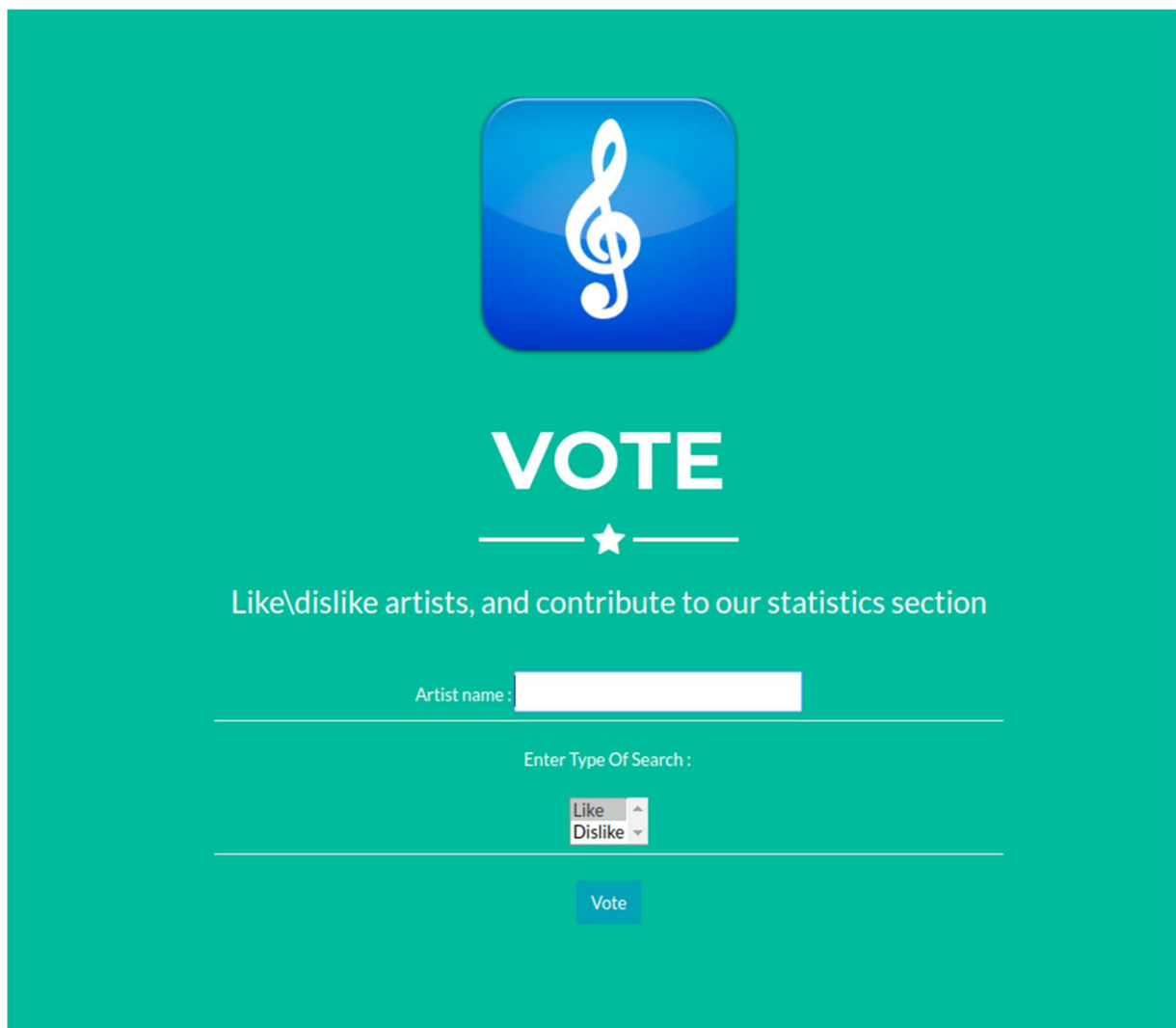


### Updating DB via the Web UI:

There are two ways the user can update the database:

1. Rate its favorite song – user's rating is updated in the CrowdFavorite table, and is used in the statistical analysis displayed at the Statistics page.
2. Perform searches – by performing searches the user is passively updating the search\_score columns at the Countries and Artist tables.

### **Vote page:**

The image shows a web page for voting on artists. It has a teal background. At the top center is a blue rounded square icon with a white treble clef. Below the icon, the word "VOTE" is written in large, white, bold, sans-serif capital letters. Underneath "VOTE" is a white star icon flanked by two horizontal white lines. Below this, the text "Like\dislike artists, and contribute to our statistics section" is written in white. Further down, there is a white input field for "Artist name :". Below the input field is a horizontal white line. Underneath the line, the text "Enter Type Of Search :" is displayed. Below this text is a dropdown menu with "Like" selected and "Dislike" as an option. Below the dropdown menu is another horizontal white line. At the bottom center, there is a blue button with the word "Vote" in white.