



# User Manual

Welcome to Songle - your ultimate lyrics based music search platform.

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The screenshot shows the Songle search page. At the top, there are three buttons: 'Log In', 'Songle Q', and 'MP3 Recommendation'. Below these is the 'Songle' title. A status bar indicates '134996 Songs', 'Last Indexed: 03/12/2024, 18:23:24', and 'Last Live Indexed: 03/12/2024, 16:24:24'. The search section includes a text input field 'Enter your search', a dropdown menu for 'Ranked Search' (with options for 'Ranked Search' and 'Simple Search'), a 'TFIDF' dropdown, and a 'Search' button. Below the search bar, it shows 'You searched for: **Smell Like Teen**' and 'Search Type: **Ranked Search**'. The search results are listed in a table with columns for song title, artist, and an 'Add To Liked Songs' button. The results shown are: 'Believe in Me' by Kevin Gates, 'Teen Titans Theme (\*)' by Puffy AmiYumi, 'Teen for God' by Dar Williams, 'On Directing' by Tegan and Sara, and 'Tired' by Willa Ford.

**Search Box** – At the top of the page, you'll find the search box where you can enter your search query. Type in the name of the song, artist, or any relevant keywords related to your search & Choose the type of search you want to perform:

Ranked Search: This option provides search results based on relevance. Choose the type of ranked search:

- TFIDF: Term Frequency-Inverse Document Frequency
- BM25: Okapi BM25 algorithm

Simple Search: Use this for basic keyword searches. Choose between:

Terms Search: Search for individual terms or keywords within the song lyrics, titles or artist names.

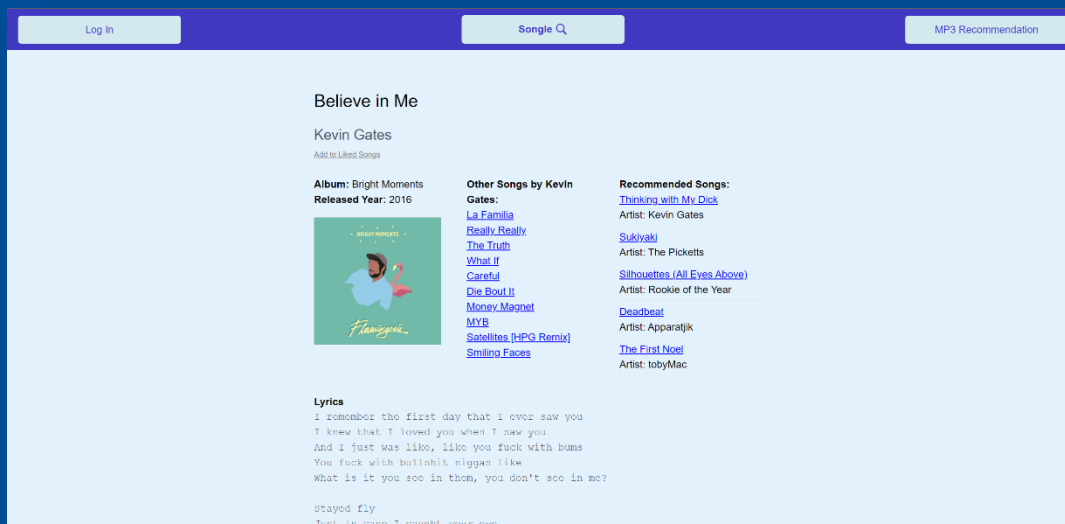
Phrase Search: Search for exact phrases or sequences of words within the song lyrics, titles, or artist names.

Proximity Search: Search for terms or phrases that appear within a certain proximity of each other in the song lyrics, titles or artist names. Specify the maximum distance allowed between the terms or phrases.

**Search Results** – Once you've submitted your search query, the search results will be displayed below the search box. Each result includes the song title, artist name. You can click on the song title to view more details about the song. To add a song to your liked songs list, click on the "Add To Liked Songs" button below each result, but you must Log in first.

Pagination: If there are multiple pages of search results, pagination controls will appear at the bottom of the page. Use the "Previous" and "Next" buttons to navigate between pages. The current page number and the total number of pages are displayed for reference.

**Index Info** – Under the Songle title, you'll find some additional information about the Songle platform. This includes the total number of songs indexed, the date of the last index update, and the date of the last live index update.



## Song Information

This section displays the title of the song, the album it belongs to, and the name of the artist.

## Song Lyrics

Here you can find the complete lyrics of the song.

## Other Songs by Artist

This section provides a list of other songs by the same artist, allowing you to explore more of their music.

## ML-Based Recommendation List

Based on your preferences and listening history, this section suggests similar songs that you might enjoy.

## Like Song

If you like the song and logged in, you can click on the “Add to Liked Songs” button to add it to your liked songs list for easy access later.

# MP3 Recommender .

Log In

Songle 🔍

MP3 Recommendation

## MP3 Search

Please upload an MP3 file below

Choose File

No file chosen

Upload

These are similar songs to **Flo Rida\_Whistle.mp3**:

<b>Policia</b> Artist: Pistolera	Plays: 2322 <a href="#">Download Here</a>
<b>Beantown To L-Town (Featuring Life MC of Phi Life Cypher)</b> Artist: Tha Silent Partner	Plays: 315 <a href="#">Download Here</a>
<b>(She's) Ten Feet Tall</b> Artist: Logan Whitehurst and The Jr. Science Club	Plays: 2572 <a href="#">Download Here</a>
<b>Reparala, Negra de Alma</b> Artist: Sexteto Tabalá de Palenque	Plays: 1145 <a href="#">Download Here</a>
<b>Agua</b> Artist: Sexteto Tabalá de Palenque	Plays: 2226 <a href="#">Download Here</a>
<b>Call To Action</b> Artist: Tickle	Plays: 2439 <a href="#">Download Here</a>

This page allows you to discover new songs by uploading an MP3 file.

## Uploading MP3

Click the "Upload" button and select an MP3 file from your device.  
This feature only supports file types that are .mp3

## Search Results

After uploading, you'll see a list of similar songs to the uploaded MP3. Each result includes the song title, artist, and download link.

Click on the download link to access the recommended song. From this website you can listen to and download the recommended mp3.

# Login & Sign Up .

The diagram illustrates the user flow between the Login and Signup pages. It starts with the Login form, which includes fields for Email and Password, a Login button, and a link to Sign Up. An arrow points from the 'Sign Up Here' link to the Signup form. The Signup form includes fields for Name, Email, and Password, a Signup button, and a link to Log In.

**Login Form:**

- Label: Login
- Field: Email (dave@test.com)
- Field: Password (.....)
- Button: Login
- Link: Don't have an account? Sign Up Here

**Signup Form:**

- Label: Signup
- Field: Name (Dave)
- Field: Email (dave@test.com)
- Field: Password (.....)
- Button: Signup
- Link: Already have an account? Log In Here

## Logging In

- Access the login page by clicking "Login" in the website's menu.
- Enter your email and password.
- Click "Login".
- If there's an error, read the message for guidance.

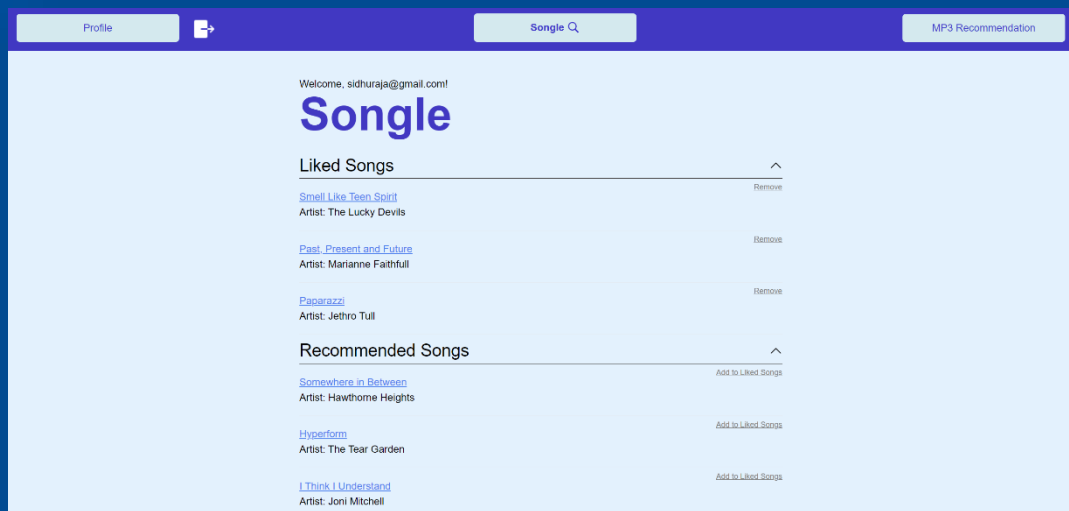
## Signing Up

- Fill in your name, email, and password.
- Click "Sign Up".
- If there's an error, read the message for guidance.

## After Signing Up:

- You'll be redirected to the login page.
- Log in using the email and password you provided during sign-up.

# Profile Page .



This page displays your liked songs and provides recommendations based on your preferences, and can be accessed only after Login.

## Liked Songs

Upon logging in, you'll see a list of songs you've liked. Each song includes its title and artist. To remove a song, click the "Remove" button beside it.

## Recommended Songs

You'll also find a section for recommended songs. These recommendations are based on your liked songs. Click "Add to Liked Songs" to include a recommended song in your liked list.

## Logout .



You can click on this icon on the header menu to logout.

That's all! Enjoy exploring and discovering new music on Songle!