

UI Homework 1. My Spotify Exploration

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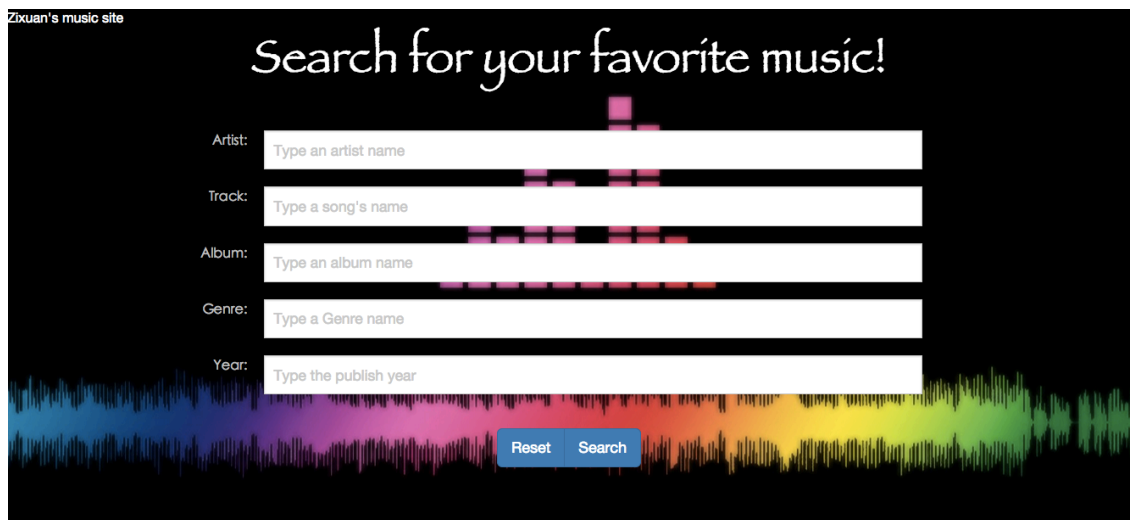
1. How to run

1.1 Get Start

Running this music website is pretty easy, all you need to do is open “intex.html” in Chrome, and you will be able to explore!

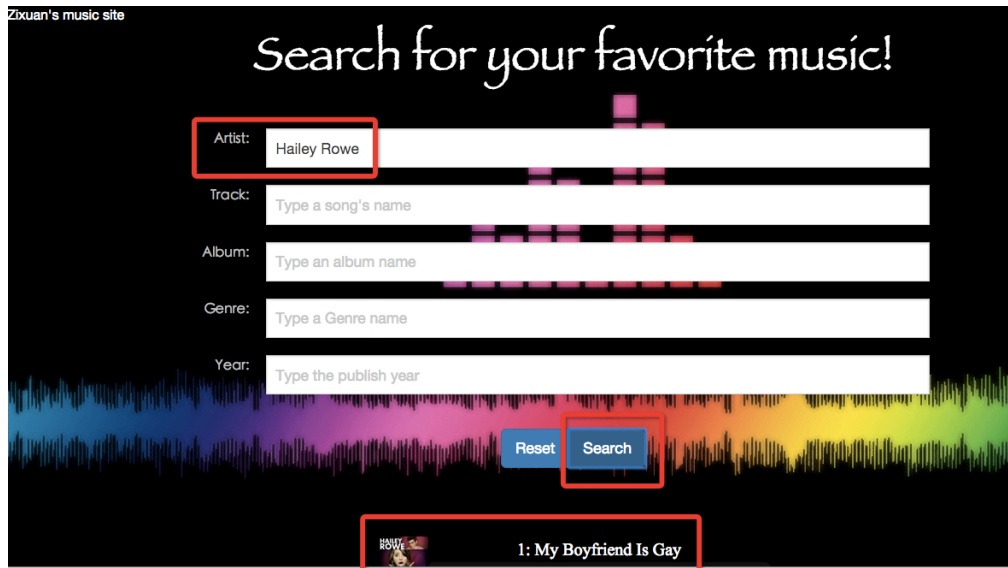
1.2 Explore your music

There are five type of search are listed there clear and simple with label and prompt to tell you what kind of key words are needed here. You can choose one or more blank to fill, the more you filled, the more the filter work will been done, and you will get more clear answer.



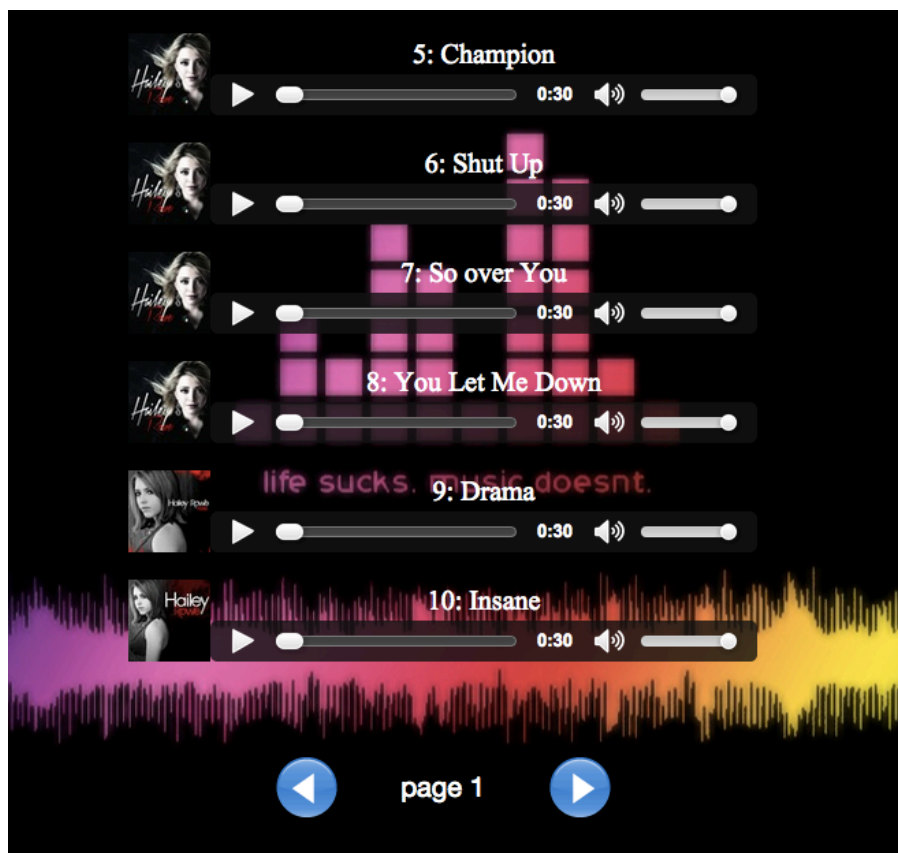
The screenshot shows a web interface for a music search application. At the top left, it says "Zixuan's music site". The main heading is "Search for your favorite music!". Below this, there are five search criteria, each with a label and a text input field: "Artist: Type an artist name", "Track: Type a song's name", "Album: Type an album name", "Genre: Type a Genre name", and "Year: Type the publish year". At the bottom, there are two buttons: "Reset" and "Search". The background features a colorful audio waveform with a rainbow gradient.

After you filled the query blank, you can choose start to explore or reset your search. For example, if I search “Hailey Rowe” in the “Artist” part:



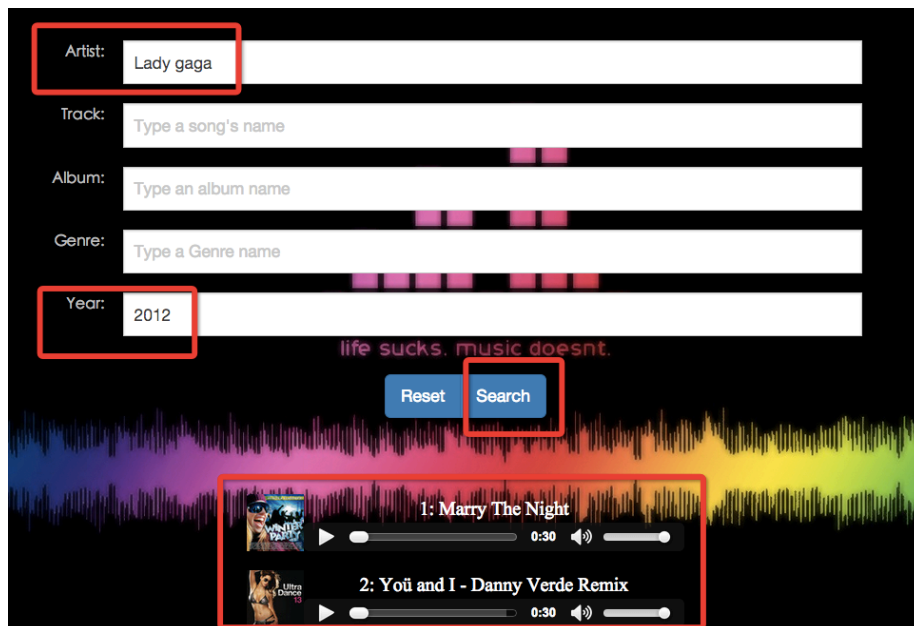
You can click the “Play” button to play or pause songs you like.

There are only ten songs will be list at one time on a page, if you want to see more songs, click “>” to the next page to load ten more songs. Click “<” to the previous page:

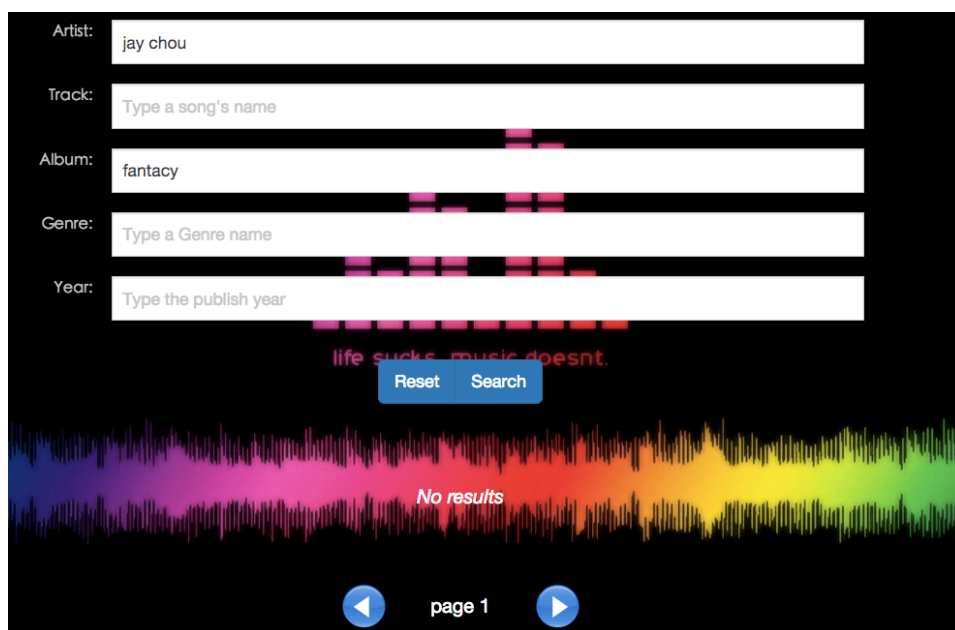


Just as mentioned before, system support one or more key word to search, for example: if I type “Lady gaga” at the Artist and Year “2012”, the returned result

will be the tracks created by Lady gaga and published on 2012.



If there is no results, a message will come out to remind:



2. Design Process

For the UI part, I used some building blocks from Foundation, for example the buttons and labels, for the .js part, use JQuery for searching.

My design for website is simple and clear, you can immediately get the topic of this page from its title and the background, it is about music search! Also the labels and prompt listed there clearly indicated their function and what type of keywords should be filled there, this meets "Aesthetic and minimalist

design” and “Match between system and the real word”, no irrelevant dialogues or information confused users, every thing is clear and easy to understand. If there were no relevant results about the query, there would also appear message “ no result” to remind users to start a new search.

Except the button of “search”, there is also another button called “Reset” which can help users to clean their previous search and start a new search, this meets “Error prevention” and also “User control and freedom”, users can clean their previous or wrongly search to prevent an unwanted search, they can also start a new search quickly and easily.

Since the results are listed only ten songs each time, so it is easy to scale the size of the page, it won’t be too long to go through if there are many results. If the uses want to see more results, there are buttons can lead the users to the next and previous page. Also the results returned on the same page, users don’t need to memorize what did he/she search for, and can easily edit query conditions according to the results returned. This meets “Visibility of system status” and “Recognition rather than recall”, users can get all he/she wants in one page and will not get lose about what is going on.

To summarize, this is the first time I made such a website, I think it is very interesting but also challenge as well, I am new to website design and implementation, I do learnt a lot, like how to use JavaScript and how to use API, but time is limited, workload are heavy and the process of debug was painful, much more work needs to be done to complete to make a better improvement.