

## HACKNITE - WEBDEV STREAM

### README FILE

=> TEAM NAME - 200\_OK

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#### **Project Idea :**

Our website name is **MagicOfMusic** . It is a beginners guide to learn Notes and Chords of keyboard. It first teaches the user which notes correspond to what chords and then the user can practise and test it on the online keyboard to check if they have done it correctly.

#### **Installations:**

1. Node JS
2. React - Bootstrap
3. Bootstrap
4. React-Router-Dom

#### **API used:**

##### Piano Chords API

It returns the notes corresponding to a particular chord.

But it has a limitation - The user only has 500 free trials after that it is a paid subscription.

#### **How to run the project:**

Download the repository . Install all the required libraries .

Run the following commands:

- 1.npm install
2. npm start

#### **Features :**

- 1 . Dynamic routing and pages were used for creating the web pages for each of the 12 notes.
2. Carousel is implemented for the front page.
3. We designed an online keyboard which produces sound when played using a computers keyboard.

Screenshots of website :

1. Home Page



## 2. HomePage



## 3. Before playing any chords

Root Note : A

The A Major Chord

Using the formula , the Major chord of A is a combination of A, C# and E notes.

Try it Out

Try playing the chord by yourself!

C D E F G A B

The A Minor Chord

Try it Out

#### **4. After playing the chords**

[Magic of Music](#) [Home](#) [Basics ▾](#) [Learn and Practice ▾](#)

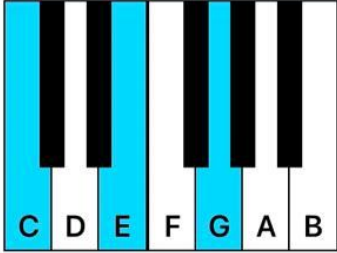
Root Note : C

The C Major Chord

Using the formula , the Major chord of C is a combination of C, E and G notes.

Try it Out

Correct! You got it!



C D E F G A B

The C Minor Chord

Try it Out