Front End Test

Before you start

- We strongly recommend that you read everything before you put your hands on work.
- If you have any doubts about the instructions request more details for the person you've received it from.

Instructions

You should create a brand new project on GitHub, and share with the team once it's done, by inviting the responsibles or simply making it public. Use the main README of your repository to tell us how it was to solve your test, the decisions made, how you organized and separated your code, and especially the instructions on how to run your project, after all the first person who will run your project will be a programmer backend of our team, and if you can explain to him how to do this, you've already started well! 👏👏

Remember that this is a technical test and not a public tender, so there is only one correct answer. **Show that you are good and impress us, but don't forget the purpose of the project.**

We did not set a time limit for solving this test, which is valid for us and the final result and the evolution of the project creation until this result is achieved, but we believe that this challenge can be solved in about 16 hours of coding.

The Challenge

You will build our next band and artist search application using the YouTube and TicketMaster APIs. It is a simple application, where we will search for a specific artist or band to have access to the YouTube videos returned by the search and also the data of this band requested through the Ticketmaster API.

Our idea of interface, is a screen with only one search field in the center of the screen, which when triggered with the name of the band, will submit this search to the YouTube API, returning a listing with some videos of this band. With the submit of the form, the field should be positioned at the top of the screen, so that the entire space of the center of the page is better used.

For each of the videos, we would like to see at least the basic data, such as title, description and thumbnail (obviously the more information you show better, such as rating, user who submitted, etc.). When we click on the video, we want to play the video (embed there, in a modal, or even in a simple link, do as you want).

In addition to the video listing, we would also like to show you some information about the band, such as contact information on social networks, images, and whatever else you can get out of the TicketMaster API. A tip is to use the `Attraction Search` feature of TicketMaster's Discovery API to return this information.

You can generate your own API Keys to consume the APIs, but if you don't know how to do it, let us know and we will help you with that or grant you ours.

YouTube API: https://developers.google.com/youtube/v3/getting-started
TicketMaster API: https://developer.ticketmaster.com/products-and-docs/apis/discovery-api/v2/

What we expect

- See in the solution the use of a framework of your choice, but here we use Vue.js. Use the framework in the best possible way (methodology / structure).
- Also see the use of dependency managers (npm, webpack)
- Task automation with gulp, grunt or other tool of your choice
- HTML written in the most semantic way possible (HTML5 / 5.1)
- CSS3 / 4 - With a CSS preprocessor (the choice is up to you, but here we use SASS)
- Mobile first and responsive layout

We would be happy to see

- Unit tests
- Some methodology for defining and organizing your CSS code
- SVG icons created by you

We wouldn't be happy to see

- Find out that you didn't take your test, but someone else
- Find out that you copied someone's test

- See large commits, without much explanation in the messages in your repository
  - we prefer to see small commits with simple explanations

What are we going to evaluate

- History of git commits
- Instructions on how to run the project
- Organization, semantics, structure, readability, maintainability of your code
- Achievement of the proposed objectives
- Mobile adaptation (responsive layout)
- Componentization and extensibility of javascript components

When you're done

- Push final commit to Github
- Send me via email ✉ joao@yourcloudtelco.com
  a. the git repository details
  b. salary expectation
  c. date estimation you'll be available to start
- Notify via Whatsapp that you've completed all tasks above

Good luck, you'll need, or not 😎