



## Backend Code Challenge

We'd like you to complete a short programming exercise. You can use any programming language.

This test should take you around 4-5 hours. Don't worry if you finish faster, or if it takes you a little longer, as being comfortable with the tooling matters. As you've been told, we'd like you to send your work to us in the following 7 days.

### Instructions

Develop a Chuck Norris fact search application.

Your source of information will be this API: <https://api.chucknorris.io/>

### Requirements

- No login is required.
- Users will be able to search by:
  - Words
  - Categories
  - Randomly
- Results will be paginated.
- Each search (and the results) will be stored in a database.
- The user will be able to (optionally) enter his/her email address to receive the search results.
- The app will be available both in English and Spanish. Only the app itself, the results of the API queries don't need to be translated and can be presented in English.
- The design of the web page and the emails are completely up to you.
- The data model and the database technology are up to you as well.
- Any other functionality can be added if desired.

### Notes

- Please submit your solution and any notes as a Git repository (GitHub, Gitlab, etc)
- Let us know how to run your solution and its tests (README)
- Once done, please send the url to [facundo@happets.com](mailto:facundo@happets.com)
- Thanks 😊