

Laravel 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 instructors request more details for the person you've received it from.

The first task that is required for a potential new contractor is that he can prove he will be able to follow the current structure of our development team, for that we require that the person do the following tasks:

1. Create a new repository on Github
 - a. <https://github.com/>
2. Start a new project using Laravel on the latest version
 - a. <https://laravel.com/docs/8.x>
3. After installing the framework to create a new database called `blast` with username `root` and blank password
4. Run the initial migrations that Laravel has built in (users, reset passwords..)
5. Make sure everything is working fine
6. Create the following migration, view and controller
 - a. customers
 - i. id
 1. *type = unique id*
 - ii. user_id
 1. *type = foreign key*
 - iii. name
 1. *type = string*
 2. *required*
 - iv. document
 1. *min:6*
 2. *max:12*
 3. *required*
 - v. status (new, active, suspended, cancelled)
 1. *default = new*
 - b. numbers
 - i. id
 1. *type = unique id*

- ii. customer_id
 - 1. *type = foreign key*
 - iii. number
 - 1. *type = string*
 - 2. *min = 8*
 - 3. *max = 14*
 - iv. status (active, inactive, cancelled)
 - 1. *default = active*
- c. number_preferences
 - i. id
 - 1. *type = unique id*
 - ii. number_id
 - 1. *type = foreign key*
 - iii. name
 - 1. *type = string*
 - 2. *required*
 - iv. value
 - 1. *type = string*
 - 2. *required*

7. The user must be able to create a customer, when that's done, he can add numbers and after that number preferences.

- Only authenticated users should be able to create accounts, numbers and preferences
- For all migrations to add timestamps and soft deletes
- For the number preferences, when a new number is created two new preferences should be added by default, one named `auto_attendant` with value `1` and another one `voicemail_enabled` also with value `1`

This is not a MUST, but will be nice if you

- use Eloquent ORM to deal with database
- use vue.js for your tables instead of reloading the page after each post when adding customers, numbers and number preferences.
- create a nice UI
- be able to change status of customer and numbers
- be able to change number preferences on screen
- be able to delete records
- create on your own a way that multiple users can see the same account and different types of permissions

- create a seeder that will automatically create 10 accounts where each should have a rand amount of numbers
- unit test for create customer
- unit test for create number

When you're done

1. Push all details to Github
2. Send me via email [✉ joao@yourcloudtelco.com](mailto:joao@yourcloudtelco.com)
 - a. the git repository details
 - b. salary expectation
 - c. date estimation you'll be available to start
3. Notify via Whatsapp that you've completed all tasks above

Good luck, you'll need, or not 😎