

API (Laravel) Developer Challenge

Description

Welcome! We would like to know more about your amazing skills as a API (Laravel) Developer and the best way is to let you show us what you are capable of achieving.

You will write an app to manage Real Estate properties using Laravel.

Attributes and limitations for Real Estate entity:

Name	Type	Required	Notes
id	INT, primary key		No need to be provided for adding. Can't be updated.
name	varchar	Yes	1 to 128 characters.
real_state_type	varchar/ enum	Yes	Valid options: -house -department -land - commercial_ground
street	varchar	Yes	1 to 128 characters.
external_number	varchar	Yes	1 to 12 characters. Only alphanumerics and dash (-)
Internal_number	varchar	Required if type is "department" or "commercial_ground". Otherwise not required.	Only alphanumerics, dash (-) and blank spaces
neighborhood	varchar	Yes	1 to 128 characters.
city	varchar	Yes	1 to 64 characters.
country	varchar	Yes	Valid options: any under ISO 3166-Alpha2 (Two characters). Otherwise: invalid.
rooms	Int	Yes	
bathrooms	Int	Yes	Can be zero only if "land" or "commercial_ground". Can have

			decimals.
comments	varchar	Not required	1 to 128 characters

Test Requirements are mandatory

- Write a RESTFUL API for list, show, add, remove and update the Real States, receiving data as JSON and returning data in JSON as well. Follow restful HTTP methods, paths and specifications for parameters.
- Write at least one Feature test for the next controller's operations: index, create, show, update, destroy.
- For list: display only id, name, type, city and country. For show, display all attributes.
- For update: display newly updated record.
- For destroy: display recently removed record and use soft-delete.

Other specifications:

- Generate a correct seeds to populate the database with at least 20 records (Mandatory)
- Use the last Laravel version
- Use Mysql DB
- Commit the code correctly in git (please don't squash your commits)
- **Optional:** create a front-end for this API using some javascript framework, e. g.React

Notes

You must reply back with this challenge completed in no more than **72 hours**, we know it's not that much time, but we expect you to do your best, and remember that **you are the owner of what you deliver and you can decide what you want and do not want to deliver given the time constraints.**

Be sure that we will carefully review your challenge and get in touch with you as soon as possible. We thank you forehand for applying to the company and we expect you will have fun doing this challenge!

We are a continuous improvement company, and we want to listen to your feedback. Please share with us a few words about how you liked the challenge, or if there's something we can improve to provide a good experience to our candidates and to see if we can do better!

Please consider that we will only review projects that are on Github. Please create an public repository and share it to abad@softpoint.io

Good luck!