TAKE HOME EXERCISE

PHP / LARAVEL DEVELOPER

Overview

The aim of this exercise is to show off your technical skills and for us to understand your experience level with various tools and technologies. Please treat this exercise as if you were going to deploy it into a production environment, so consider things like code structure, testability, responsive design etc… Feel free to use any existing libraries, and/or tools to complete the task and cite / reference these in the README.md.

Goals

John Doe owns a pet store and wants to expand his business online. He wants to set up a responsive website along with a cross platform mobile application.

Help John Doe develop the [required RESTful API Endpoint](#).

1. to; add, remove, update and view pet's records
2. to; search pet's records by tag
3. to; allow client to add, remove and view orders

Please make sure:

1. Order when placed should validate if required pets are `available`.
    And update pets status to `pending`
2. Order should automatically be marked as `delivered` after shipment date.
    And pets should be marked as `sold`
3. Order can only be deleted before shipping date.
    And If deleted should revert all pets status to `available`

All MODELS AND API DOCUMENTED HERE :)
https://app.swaggerhub.com/apis/5.5.Degrees/the-laravel/1.0.0

Guide

Following requirement should meet else John Doe won't be able to run this application

- **API must use;** PHP >=5.4
- **API must use;** Laravel Framework >= 5.0.
- **API must use;** Persistent database (MySQL, SQL, MongoDB etc)
- **API must implement;** all the given endpoints
- **API must accept;** standard JSON data
- **API must response;** standard JSON data

OPTIONAL

- **API can use;** Any existing composer package

Bonus

John Doe will be very happy if you can additionally provide him with

- Well documented / commented code
- PSR Standards Compliance code
- Few unit test

Submission

We recommend using a public repository such as Bitbucket or GitHub and share the link with us. We'll update John Doe for you. ;)

ADDITIONAL BONUS:

Deploy the application to a hosting platform such as Heroku or AWS. Include a URL in the README.md

THANK YOU