FULL STACK CHALLENGE

DESCRIPTION:

This challenge is to test your knowledge of PHP, Laravel, Vue, HTML & CSS and overall implementation methods. You are welcome to use any 3rd party libraries as you see fit to complete this challenge.

This is an open-book task - please do feel free to contact us with any questions or queries and use the internet to find answers or examples.

The time scoped to perform this challenge is about 5-6 hours.

THE TASK:

This task revolves around gathering data from a 3rd party service and building a CRUD interface to manage additional data. Please use the following API to populate a database with properties:

Base URL: https://trial.craig.mtcserver15.com/

Endpoint: api/properties

Check base URL for API documentation

API Key: 3NLTTNlXsi6rBWl7nYGluOdkl2htFHug

Part 1 - API Integration

The following fields should be saved from the API into the database.

● County

● Country

● Town

● Description

● Full Details URL

● Displayable Address

● Image URL

● Thumbnail URL

● Latitude

● Longitude

● Number of bedrooms

● Number of bathrooms

● Price
● Property Type

● For Sale / For Rent

Your script should update the details in the database if any changes are made to the details of the property in the API.

Part 2 - Property Admin Area.

Create an admin area (no auth required) that would allow properties to be added to the database.

There should be a page that lists the properties with links to edit or delete the properties. The Add / Edit page should contain the following fields.

● County – Textbox

● Country – Textbox

● Town – Textbox

● Postcode - Textbox

● Description - Text Area

● Displayable Address - Textbox

● Image – File upload.

● Number of bedrooms - Dropdown

● Number of bathrooms - Dropdown

● Price - Textbox

● Property Type - Dropdown

● For Sale / For Rent – Radio buttons

The form should contain suitable validation and when the image is uploaded it should be resized automatically and a thumbnail version created.

These properties should appear in the property search and not be affected when the database is updated with the properties from the api.

DELIVERY:

Please post your source code on a public GitHub branch (but please do not make mention of the company name) or send the source & compiled code in a .zip folder back to us. Please describe what techniques and approaches you have applied during the challenge in a separate readme file.
Also please mention step by step with all the info how the project can be setup on a local machine

Thank you for your effort & time,

SilverBullet