

PHP Developer task

Welcome to the technical assessment for PHP/ Laravel Expert opportunity at Teamotely. You are required to create 2 parts of a system (in Laravel PHP) along with proper documentation (full creation history viewable as part of the task), details below.

You gain additional points by:

1. Sharing a demo URL
2. Doing the task via AWS API gateway as API (IAM role/AWS access details have been shared with you in a separate email)

We require 2 parts of a system created in Laravel PHP. **This should be created in a public GitHub repository, with the full creation history viewable as part of the task.** Do mention clearly all the assumptions you are making if you believe that any data/ information is missing/ or is insufficient.

Below are the deliverables:

API Creation

This is a simple API that authenticates a call from another system, receives data, processes it and then responds.

1. create an API / webservice
2. It should authenticate based on a key and secret field passed to it (hardcode this)
3. The content of the API call will be a json of tabular data submitted to it
4. THE API takes the data and operates on it, to create a HTML table with inline css
5. sends the html blob back as the reply to the API

Calling systems

This is a simple webpage that has a form to take data from a user, then submits this to the external API, takes back the resultant reply and displays to the user.

The webform

In Laravel we want the following created

- a) a webpage that takes in a text box of CSV data (example mentioned below as “example data”)
- b) it then formulates this into suitable format and calls an API sending the information in a restful way using a security hash key and secret field (hardcode these in the php)
- c) it takes the response from the API call, and then displays this on the page with a link back to the original form

example data

This is X rows, of comma separated values

Monday, Tuesday, Wednesday, Thursday, Friday

1,2,3,4,5

3,6,3,78,5

1,1,1,1,1

8,8,8,8,5

Documentation

Create a simple technical document explaining the above systems.

----- **END of Assessment**

Good Luck!