# Senior Full-Stack PHP Web Developer Technical Test

## Instructions:

- Create a Laravel application to do the following tasks. You can use any Laravel version you want.
- You are free to use any front-end library or framework (e.g. jQuery, BootstrapCSS, TailwindCSS, etc.).
- Please make sure the page is **responsive** on mobile, tablet, and desktop devices.
- Please do not spend more than a couple of hours on this test.

## Task 1:

The aim of this task is to pull car reviews from Car And Driving (<a href="https://www.caranddriving.com/">https://www.caranddriving.com/</a>) Web Services and create a GET endpoint to retrieve this data. Create an endpoint in your Laravel application in the format of /review/{{capId}} that pulls data from Car and Driving Web Service and returns a JSON object. For example, a GET request to /review/91480 will return a JSON object like this:

```
"paragraphs": [
        "headline": "Ten Second Review", "text": "..."
         "headline": "Background",
         "text": "..."
         "headline": "Driving Experience", "text": "..."
         "headline": "Design and Build",
         "headline": "Market and Model",
         "text": "..."
         "headline": "Cost of Ownership", "text": "..."
         "headline": "Summary",
         "text":
  'photos": [
         "mini": "https://ssl.caranddriving.com/f2/images/New/mini/fordkugaphev0424(2).jpg", and the control of the co
         "std": "https://ssl.caranddriving.com/f2/images/New/std/fordkugaphev0424(2).jpg",
"big": "https://ssl.caranddriving.com/f2/images/New/big/fordkugaphev0424(2).jpg",
         "large": "https://ssl.caranddriving.com/f2/images/New/large/fordkugaphev0424(2).jpg"
    },
         "mini": "https://ssl.caranddriving.com/f2/images/New/mini/fordkugaphev0424(3).jpg",
         "init: "https://ssl.caranduriving.com/f2/images/New/std/fordkugaphev0424(3).jpg",
"std": "https://ssl.caranddriving.com/f2/images/New/std/fordkugaphev0424(3).jpg",
"big": "https://ssl.caranddriving.com/f2/images/New/big/fordkugaphev0424(3).jpg",
          "large": "https://ssl.caranddriving.com/f2/images/New/large/fordkugaphev0424(3).jpg"
         "mini": "https://ssl.caranddriving.com/f2/images/New/mini/fordkugaphev0424(4).jpg",
         "std": "https://ssl.caranddriving.com/f2/images/New/std/fordkugaphev0424(4).jpg",
"big": "https://ssl.caranddriving.com/f2/images/New/big/fordkugaphev0424(4).jpg",
          "large": "https://ssl.caranddriving.com/f2/images/New/large/fordkugaphev0424(4).jpg"
         "mini": "https://ssl.caranddriving.com/f2/images/New/mini/fordkugaphev0424(5).jpg",
         "std": "https://ssl.caranddriving.com/f2/images/New/std/fordkugaphev0424(5).jpg",
         "big": "https://ssl.caranddriving.com/f2/images/New/big/fordkugaphev0424(5).jpg"
          "large": "https://ssl.caranddriving.com/f2/images/New/large/fordkugaphev0424(5).jpg"
         "mini": "https://ssl.caranddriving.com/f2/images/New/mini/fordkugaphev0424.jpg",
         "std": "https://ssl.caranddriving.com/f2/images/New/std/fordkugaphev0424.jpg",
         "big": "https://ssl.caranddriving.com/f2/images/New/big/fordkugaphev0424.jpg"
         "large": "https://ssl.caranddriving.com/f2/images/New/large/fordkugaphev0424.jpg"
         "mini": "https://ssl.caranddriving.com/f2/images/New/mini/fordkugaphev0424int(2).jpg", "std": "https://ssl.caranddriving.com/f2/images/New/std/fordkugaphev0424int(2).jpg",
         "big": "https://ssl.caranddriving.com/f2/images/New/big/fordkugaphev0424int(2).jpg"
         "large": "https://ssl.caranddriving.com/f2/images/New/large/fordkugaphev0424int(2).jpg"
        "mini": "https://ssl.caranddriving.com/f2/images/New/mini/fordkugaphev0424int.jpg",
"std": "https://ssl.caranddriving.com/f2/images/New/std/fordkugaphev0424int.jpg",
"big": "https://ssl.caranddriving.com/f2/images/New/big/fordkugaphev0424int.jpg",
"large": "https://ssl.caranddriving.com/f2/images/New/large/fordkugaphev0424int.jpg"
     "img_url": "https://ssl.caranddriving.com/f2/images/new/mini/fordkugaphev0420.jpg",
"video_urlforiframe": "https://www.caranddriving.com/cdwebsite/player.aspx?w=450&id=12117&cid=cddemo"
```

We use the Web Service **GetReviewsFromCapID** from https://www.caranddriving.com/ws/A041/ws.asmx

Here are the parameters:

Parameter	Value
user_id	demo
capid	This is the capId passed from the URL. You can use the following capId for
	testing purposes: 91480, 92772 and 90211
type	all
getsummaries	true
liveonly	true

### Task 2:

The aim of this task is to use the endpoint created in Task 1 and render the data for end users. First, create a page with the URL /view/{{capld}}. In that page, send an AJAX request to the endpoint created in Task 1 and render the page according to the following design. For example, when visit /view/91480, the page should look like this:



#### Ten Second Review

It seems you can't have a cutting-edge mid-sized SUV of any kind these days without having a plug-in hybrid version, so Ford continues to offers that tech with this improved version of its third generation Kuga crossover. EV driving range and tax-beating overall CO2 efficiency have been considerably improved with this updated model, which also gets a sharper look and a rejuvenated cabin. Plus it's much faster and can tow heavier loads. Worth a second look then.

#### Background

Perhaps being a market leader is about following established trends rather than pioneering new ones. Ford certainly seems to work that way. The Blue Oval brand didn't really establish any sort of real presence in the SUV sector until the second generation version of its mid-sized Kuga crossover model was facelifted in 2016. And it took the company until the 21st century's third decade to launch its first volume made EV (the Mustang Mach-E) and its first plug-in car, the Kuga PHEV model which is our focus here. This is the third generation Kuga, moved subtly up-market to make space for the Puma crossover which slots in below this model. In early 2024, Ford updated this MK3 Kuga with a smarter look, a













There are three sections: the top left is a video which can be extracted from "video\_urlforiframe". The top right is the review which can be extracted from "paragraphs". At the bottom is a list of photos. If there are more than six photos, just display the first six. Please use the "std" size for the photos.

The documentation for rendering the video is available here: <a href="https://wiki.caranddriving.com/index.php/The\_Video\_Player">https://wiki.caranddriving.com/index.php/The\_Video\_Player</a>

#### Task 3:

Commit and push your code to a **public** Git repository (e.g. Github, Gitlab, etc.) with instruction of how to run your application. Send the link to your Git repository to: <a href="mailto:minh.dang@autoweb.co.uk">minh.dang@autoweb.co.uk</a>

Thank you very much.