

## 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 (<https://www.caranddriving.com/>) 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",
      "text": "..."
    },
    {
      "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",
      "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",
      "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"
    }
  ],
  "video": {
    "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

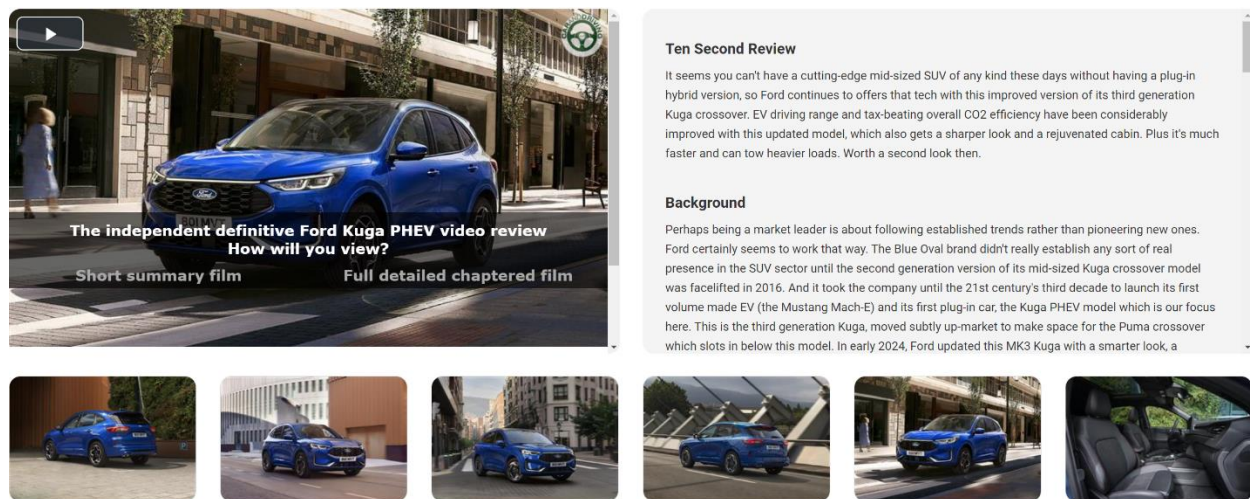
<https://www.caranddriving.com/ws/A041/ws.asmx>

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/{{capId}}`. 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:



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:

[https://wiki.caranddriving.com/index.php/The\\_Video\\_Player](https://wiki.caranddriving.com/index.php/The_Video_Player)

## 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: [minh.dang@autoweb.co.uk](mailto:minh.dang@autoweb.co.uk)

Thank you very much.