Coding Exercise

Before you begin

You are welcome to spend as much time as you like until you are happy with it, however we strongly suggest spending no more than 2 hours on the task.

Exercise

We have provided a design below and we would like you to recreate it, as completely as possible.

You can find the design here:
plum-guide-test-design.png

We'd prefer if you use React to build the components, but it's not a hard requirement. Please follow the requirements listed below in order to build it.

Requirements:

- We recommend you use "create-react-app" as your starting point, but feel free to use whatever you prefer.
- Only use third party libraries when there is a strong reason to
- Pay attention to responsiveness, the layout should adapt adequately to mobile
- When building the image carousel:
    - You can use the images provided by the following API response:
      https://run.mocky.io/v3/8dac4388-ce28-4406-95bb-91aec813168d
    - Only show the top 30 photos
    - The carousel should be ideally: responsive, accessibility friendly and performance optimized
    - To help achieve this, the images provided can manipulated with imgix API by adding query parameters (Imgix API docs)
- You should use SASS, CSS Modules or Styled Components. Whichever you choose, be sure to demonstrate best practices, good naming convention and structure.

Things we will look for:

- Components are reusable, testable and the structure of the code demonstrates best practices for maintenance and scale.
- The layout is responsive and adjust well to different screen/device sizes
- CSS is using modern, cross browser techniques, it is well structured, composable and reusable
- HTML is semantically correct
- You have considered the potential impact on network and rendering performance

Feedback

We'd love your [feedback](#) to we can keep making this exercise better