

# TECHNICAL EXERCISE FOR FRONT-END DEVELOPERS

## OVERVIEW

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You are being challenged to create a simple website for the fictitious company Endless, using the comp provided. The site consists of a single page with a few components on it. All content is static except for the 'How It Works' steps at the bottom of the comp. These data elements will be retrieved from an established REST API that we have made available to you.

## REQUIREMENTS

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1. Download the design comp and assets from <https://adobe.ly/2iyu7Mr>
2. Download the font from <https://fonts.google.com/specimen/Lato>
3. You will be creating a responsive website using Angular, React, or Vue
4. Add hover and active state transitions to the "Get Started" button. The state transitions should include a slight color change over a short duration and should be implemented with CSS only.
5. The "How It Works" section will be constructed using the steps retrieved from the API. They will be displayed according to the criteria listed below. Note that the "How it Works" headline is static.
  - a. Sort the steps in order by the "stepNumber" value
  - b. Extract the content version with the most recent "effectiveDate" value
  - c. Simplify the "step" objects in the resulting array so that extraneous data is removed
6. The website must work with latest stable version of Google Chrome
7. Upload all files to [GitHub](#), create a README with instructions for building and running the project, and provide a link to us for review

## THINGS WE ARE LOOKING FOR

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1. Site should look good at every resolution above 320px
2. There should be judicious use of tools, libraries, and frameworks (no bloat)
3. Code should be well-organized and clean (minimize cruft)
4. We have a strong preference for "vanilla" JavaScript in the implementation of the "How it Works" steps (instead of leveraging an external library such as lodash.js)
5. We have a strong preference for achieving responsiveness in this exercise without the use of a responsive framework like Bootstrap

## BONUS POINTS

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1. Write a unit test to verify the logic for building the list of steps
2. Maintaining a small file size for the site by using minification, compressing images, etc.
3. Optimizing images for different DPI screens
4. Creativity: Any extra features you want to add in order to showcase your skills (e.g. parallax scrolling)

The REST API that you will use to retrieve the list of steps is:

<https://uqnzta2geb.execute-api.us-east-1.amazonaws.com/default/FrontEndCodeChallenge>

The steps API request will return a JSON array in the following format:

```
[
  {
    id: string,
    stepNumber: string,
    versionedContent: [
      {
        title: string,
        body: string,
        effectiveDate: string (example format: "2012-04-23T18:25:43.511Z")
      },
      ...
    ]
  },
  ...
]
```