

# Bitly: Sprucing up your App at the Front-End

Time	~ 1 - 2 days
Learning Goals	<ul style="list-style-type: none"><li>• Designing a webpage.</li><li>• More practise on HTML, CSS, jQuery and JavaScript.</li></ul>

From today until you deploy your app, you will be sprucing up your app at the front-end while completing 2 more challenges. It's time to inject some creativity in designing the front-end of your new url shortener. Let's go to the [Bit.ly](http://Bit.ly) webpage again. Using the **inspect element** feature, go forth and make the Bitly clone you built yesterday look like this:



Remember that this challenge is good for your portfolio! Your code

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should be uploaded to your Github account. Employers, entrepreneurs, headhunters tend to look for coders from Github, **first reviewing the work they've done. So make it look nice!** You have lots to gain.

## Some ideas for HTML & CSS

In your app, your main HTML document is located in `views/layouts/application.erb`. Remember to link to your `application.css` stylesheet. Without changing your backend, **let's redesign the front**-end of your app to look a bit more like Bitly. Here are some ideas:

- 1 Set a **container** to every page. Look at the `<head>`, `<body>` and `<yield>` tag in `application.erb` and how you can set global page layouts. Tip: learn about basic [HTML elements](#).
- 2 Customise your Bitly logo with different colors, fonts type and sizes.
- 3 In your `index.erb`, give your HTML elements appropriate class or id names so that you can implement styling,
- 4 Position your input box to an appropriate position of your page. Customise your input box, e.g. labels, placeholders, button style. Tip: learn about [floats](#), positioning and [customising forms](#).
- 5 Make a [table](#) for the **urls** that lists the shortened url, long url and count. Change the widths/ heights of the columns and tables. Make your urls clickable links and customise the [link styles](#) to the theme of your page.
- 6 Add an introductory paragraph on how your url shortener works. To take a step further, you can create a 3-column introduction or step by step instructions. Tip: learn about [text alignments](#) and utilise [floats](#).

## Some ideas for jQuery

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Set up JQuery

First, ensure that the latest JQuery script [is properly included in your Bitly app](#). If you want to download the CDN, you can refer to the latest JQuery CDN [here](#). Notice that we are loading the stylesheets *before* any javascript is loaded. Why do you think that needs to happen?

Incorporate some fancy JQuery

Use basic selectors (id, class, element) to choose an element on the page. You can use [jQuery UI](#) or utilise jQuery [event handlers](#) to alter your CSS. Here are some examples:

- Create some pop-up instructions on `.click()` or on `.hover()` on some of your buttons or mysterious words on your webpage that your user may want more description, much like a tooltip or a popover. Bind an element to these functions.
- Allow a user to `.hide()` or `.fadeOut()` links that they are not interested in on a click of a button.
- `.toggle()` your introduction paragraph, or if you created step by step instructions, show one instruction at a time and show next instruction on clicking a **Next** button.
- Use the [.css\(\) method](#) to alter at least two CSS properties of your page elements.

**When you're done, show off your pages to your classmates!**