Rails Girls App Tutorial

3. Design

3.1. Install Bootstrap

Coach: Talk about the relationship between HTML and Rails. What part of views is HTML and what is Embedded Ruby (ERB)? What is MVC and how does this relate to it? (Models and controllers are responsible for generating the HTML views.)

The app doesn't look very nice yet. Let's do something about that. We'll use the Twitter Bootstrap project to give us nicer styling really easily.

Open `app/views/layouts/application.html.erb` in your text editor and above the line

```
<%= stylesheet_link_tag    'application', media: 'all', 'data-turbolinks-track': 'reload' %>
```

add

```
<link rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap/3.0.3/css/bootstrap.css">
<link rel="stylesheet"
href="//maxcdn.bootstrapcdn.com/bootstrap/3.0.3/css/bootstrap-theme.css">
```

and replace

```
<%= yield %>
```

with

```
<div class="container">
  <%= yield %>
</div>
```

3.2. Add navigation

Let's also add a navigation bar and footer to the layout. In the same file, under `<body>` add

```html
<nav class="navbar navbar-default navbar-fixed-top" role="navigation">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target=".navbar-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="/">The Idea app</a>
    </div>
    <div class="collapse navbar-collapse">
      <ul class="nav navbar-nav">
        <li class="active"><a href="/ideas">Ideas</a></li>
      </ul>
    </div>
  </div>
</nav>
```

and before `</body>` add

```html
<footer>
  <div class="container">
    Rails Girls <%= Time.now.year %>
  </div>
</footer>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
<script src="//maxcdn.bootstrapcdn.com/bootstrap/3.0.3/js/bootstrap.js"></script>
```

Now let's also change the styling of the ideas table. Open `app/assets/stylesheets/application.css`
and at the bottom add

```css
body { padding-top: 100px; }
footer { margin-top: 100px; }
table, td, th { vertical-align: middle; border: none; }
th { border-bottom: 1px solid #DDD; }
```

Now make sure you saved your files and refresh the browser to see what was changed. You can
also change the HTML & CSS further.   **Coach:** Talk a little about CSS and layouts.