## **Before you start**

To prepare for this project you'll need to make sure you complete and understand these steps.

[5 steps](https://teamtreehouse.com/projects/public-api-requests)

#### Review the policy on [Reusing Code in a Techdegree project](https://teamtreehouse.com/library/reusing-code-in-a-techdegree-project).

#### GitHub

* + Create a new repo for this project.
  + Create a README.md file for your repo that explains what the projects is and anything your user or fellow developers might need to know to use the project.

#### Download the project source files.

* + index.html - basic markup that you'll dynamically add DOM elements to.
  + css/styles.css - all the basic styles you'll need for this project. But you are encouraged to experiment with things like color, background color, font, shadows, transitions and animations to make this project your own.
  + css/normalize.css - for cross-browser consistency.
  + mockups/employee\_directory.png and mockups/employee\_overlay.png - examples of what the finished project should look like.

#### Review the Random User Generator [documentation](https://randomuser.me/documentation). Grab the example they provide and console.log the data so you can see what information you’ll receive and start to think about how you’ll access the correct information and display it on the page.

#### Follow the Instructions Below

* + Be sure to reach out on Slack if you get stuck or run into difficulties.
* Create your js/scripts.js file and wire it up to the HTML
  + You may use jQuery if you like.
  + Other frameworks, libraries or plugins are not permitted.
* HTML
  + You'll be provided with a basic index.html file to use in your project. But this file is missing the main components of the app, which you will need to create and add to the DOM dynamically.
  + Comments in the index.html file contain examples of the markup you'll need to add. So use the markup in those comments as a template. And keep in mind that altering the arrangement of the markup and the attributes used may break the styles or functionality.
* Structure, style and CSS
  + Your finished project should match the general position and layout of the mockups. If you you followed the arrangement and attributes of the template markup in the HTML comments, then the provided styles should accomplish this for you.
  + You are encouraged to experiment with things like color, background color, font, shadows, transitions and animations to make this project your own.
* Get and display 12 random users
  + With information provided from [The Random User Generator API](https://randomuser.me/), send a request to the API, and use the response data to display 12 users, along with some basic information for each:
    - Image
    - First and Last Name
    - Email
    - City or location
  + Refer to the mockups and the comments in the index.html file for an example of what info should be displayed on the page and how it should be styled.
* Create a modal window
  + When any part of an employee item in the directory is clicked, a modal window should pop up with the following details displayed:
    - Image
    - Name
    - Email
    - City or location
    - Cell Number
    - Detailed Address, including street name and number, state or country, and post code.
    - Birthday
  + Make sure there’s a way to close the modal window
  + Refer to the mockups and the comments in the index.html file for an example of what info should be displayed on the page and how it should be styled.
* Add good code comments
* Check for cross-browser consistency
  + To pass, your project only needs to work in Chrome, but it's good to get in the habit of checking your work in multiple browsers.
* Carefully review the "How you'll be graded" section.
* Quality Assurance and Project Submission Checklist
  + Perform QA testing on your project, checking for bugs, user experience and edge cases.
  + Check off all of the items on the [Student Project Submission Checklist](http://treehouse-techdegree.s3.amazonaws.com/Student-Project-Submission-Checklist.pdf).

NOTE: Seeking assistance

* + If you're feeling stuck or having trouble with this project
    - Review material in the unit.
    - Practice your Google skills by finding different ways to ask the questions you have, paying close attention to the sort of results you get back depending on how your questions are worded.
    - Reach out to the team on Slack.

NOTE: What you submit is what will get reviewed.

* + When you submit your project, a snapshot is taken of your repository, and that is what the reviewer will see. Consequently, any changes you make to your repo after you submit will not be seen by the reviewer. So before you submit, it's a smart idea to do a final check to make sure everything in your repo is exactly what you want to submit.