

## Project 5

### Public API Requests

For this project, you'll build an app for a fictional company called Awesome Startup, a distributed company with remote employees working all over the world. They need a smart way for employees to share contact information with each other.

You'll use the Random User Generator API (<https://randomuser.me/>) to grab information for 12 random "employees," and use that data to build a prototype for an Awesome Startup employee directory.

#### 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.

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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 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.

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 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](#), send a single 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.

### 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.

To get an "exceeds" rating, complete all of the steps below:

#### Search

- Add a way to filter the directory by name. To do this, you'll need to adjust your API request to retrieve a user nationality that will only return data in the English alphabet.

Example markup for this feature is included in the HTML comments.

Note: Your search feature should filter results that are already on the page. So don't request new info from the API for your search.

#### Modal toggle

- Add a way to toggle back and forth between employees when the modal window is open.
- There should be no errors once the end or beginning of the list is reached.

Example markup for this feature is included in the HTML comments.

#### Structure, style and CSS

Add or change at least one of the following:

- color
- background color
- font
- box or text shadows

- Document your style changes in your readme file and the project submission notes.

Do not alter the layout or position of the important elements on the page.

NOTE: Getting an "Exceed Expectations" grade.

See the rubric in the "How You'll Be Graded" tab above for details on what you need to receive an "Exceed Expectations" grade.

Passing grades are final. If you try for the "Exceeds Expectations" grade, but miss an item and receive a "Meets Expectations" grade, you won't get a second chance. Exceptions can be made for items that have been misgraded in review.

Always mention in the comments of your submission or any resubmission, what grade you are going for. Some students want their project to be rejected if they do not meet all Exceeds Expectations Requirements, others will try for all the "exceeds" requirement but do not mind if they pass with a Meets Expectations grade. Leaving a comment in your submission will help the reviewer understand which grade you are specifically going for.

### How you'll be graded

#### **API Usage:**

- 12 random users are pulled from the API.

New Random employee information displays each time the page refreshes.

#### **User Directory:**

The directory displays 12 users from the Random User API, and includes the following for each user:

- Employee Image
- First and Last Name
- Email
- City or Location.

#### **Modal Window:**

Modal window displays at least the following details:

- Employee image
- Name
- Email

- City or location
- Cell Number
- Detailed address, including street name and number, state or country, and post code.

There is a way to close the modal window.

### **Structure, Style and CSS**

- The major element of the directory and modal window are in place and roughly match the mockups.
- Note: Modal window address can have the state's full name, rather than the two letter state code.