

## Company Address Book: An AngularJS and Node.js Application

The Company Address Book application is a tool that will allow employees to lookup fellow colleague information within the company. It will also provide features to manage the employee list. Please read through the following requirements below and build an application accordingly.

1. The application should be created using AngularJS and Node.js. It will not use a database. Instead it will use in-memory storage of Node.js to maintain a list of employees. When the application is started, an initial 10 employees should be loaded by default. This means that whenever Node.js is restarted, the employees that were entered in the previous session will be lost and the application will start over with the initial 10 employees.
2. The front-end (Angular) should provide the following screens:
  - a. Add employee form – This form will have the following form inputs
    - i. First name \* - max length 150 characters
    - ii. Last name \* - max length 150 characters
    - iii. Email \* - max length 150 characters. Must be a valid email.
    - iv. Position within company - max length 75 characters.

\* denotes required fields. Please use the built-in Angular form validation.
  - b. Edit employee form – This form will have the same features as the “Add employee form”, except it will update the employee being edited instead of adding a new employee.
  - c. View employee – This page will show the selected employee’s details (ID, first name, last name, email, and position).
  - d. List of current employees - This page will show a list of current employees. It should provide a way to select an employee for viewing, editing, and deletion. No pagination is required for this list. Recently added employees should be listed first.
3. For adding a new employee, the form information should be sent to Node.js using the Angular \$http service. Node.js will then auto generate an identifier for the employee and add it to the in-memory storage. That identifier will then be used on the front-end for managing the view, edit, and delete operations.
4. The application should be able to run in the following browsers: Firefox, Chrome, and IE 11.

Upon completion of the application, please send an email to [consult.aelkington@apa.org](mailto:consult.aelkington@apa.org) with the application as an attachment. If you experience issues sending the application as an attachment, such as it getting rejected from the mail server, please email me and we’ll work out another approach for delivery. Also, in the email, please provide instructions for running your application so that I can test it on my local computer. If you have any questions regarding the requirements, please contact me at [consult.aelkington@apa.org](mailto:consult.aelkington@apa.org).