**Front End Developer Coding Challenge**

Using the wireframe titled “UI Coding Challenge – Mockup.pdf” as a reference, implement the stories described below. You are not expected to spend more than two hours on the project. The purpose is to evaluate a front-end developer in terms of implementation in the required technologies, which are:

* JavaScript
* A JavaScript MVC framework (preferably AngularJS)
* HTML5
* SCCS

Any other technology may be added to the list to implement the stories. Seed data for the table can be loaded from a file of JSON data and local storage can be used (this does not need to persist to a database). If you write an app that persists to a database, please make sure to host it somewhere (Heroku, perhaps) so that we don’t need to install it locally.

Results will be evaluated on the following:

* Story implementation
* Best practices and code structure
* Unit tests

**Stories to implement:**

1. As an end-user I want to add/edit users to a page with the following fields:
   1. Last Name
   2. First Name
   3. Age
   4. Email
   5. Created On
   6. Last Edited
   7. Active
2. As an end-user I want to click on a row and begin inline editing of that row.
3. As an end-user I should not be able to save a record without data for the following fields
   1. Last Name
   2. First Name
   3. Email
4. As an end-user I want a button that can revert changes if I’ve made a mistake during editing or creation
5. As an end-user I want to be able to delete users
6. As an end-user I want to know if I haven’t saved changes to an entry before navigating away from the page
7. As an end-user I want to filter my results by
   1. Last Name
   2. First Name
   3. Age
   4. Email
   5. Created On
   6. Last Edited
8. As an end-user I want to know if an email address has already been entered in order to prevent duplicate users
9. As an end-user I should be able to sort every column
10. The page should not reload to accomplish any of these tasks.