

Web Coding Challenge

Description

- Build a single page app with a sign-up form.
- The form should allow users to enter first name, last name, email, and password.
- All fields are required.
- Password validation:
 - Should be a minimum of eight characters,
 - Should contain lower and uppercase letters,
 - Should not contain user's first or last name.
- Email should be validated but there are various ways of accomplishing this. So, show us what you consider as a proper email validation.
- The form should send a POST request to <https://demo-api.now.sh/users>. The request body example:

```
{
  firstName: "Thomas",
  lastName: "Shelby",
  email: "thomas@shelby.co.uk"
}
```

How to do it

- Use the latest version of Angular in combination with TypeScript.
- UX/UI can be based on a CSS Framework (or do it yourself with minimal effort).
- You can target browsers that support ES6. Do not worry about supporting old browser versions.
- Make your solution available on GitHub or GitLab or Bitbucket.

How we review

Your application will be reviewed by two of our engineers. We take your experience level into consideration. The aspects of your code we will assess include:

- **Correctness** – Is it production-ready application? Does the application do what was asked? If not, does the README explain why it is missing and/or different?
- **Code quality** – Are there any code smells? Is the coding style consistent with the Angular style guide?
- **Testing** – Is your logic covered with unit or integration tests?
- **UX** – Is the web interface understandable and pleasing to use?
- **Documentation** – Is there a README covering how to build and run your project?
- **Technical choices** – Are choices of libraries, architecture etc. appropriate for the task?

Good luck!