Code Exercise

Please don't spend an inordinate amount of time on this - we simply want to see **your** style of programming used to implement a basic set requirements.

Consider an application that requires you to create an account before using it (a ground-breaking concept, we know). There are implementations of this application on multiple platforms: iOS, Android and a web application. Your goal is to unify the capture of registration data behind a single API endpoint.

Create this API using Ruby or Node.js. You may use any datastore, framework(s) and supporting libraries you like, but must meet the following criteria:

- The API should accept the following JSON body:
  ```
  {
  "name": "John Doe",
  "email": "john@doe.com",
  "password": "s3kr3t",
  "password_confirmation": "s3kr3t"
  }
  ```

- The API should return the following JSON response:
  ```
  {
  "id": 1,
  "name": "JohnDoe",
  "email": "john@doe.com",
  "authentication_token": "s3kr3t-value"
  }
  ```

- Data Validations:
  - All attributes specified in the request JSON should be required
  - The email address should be well-formed
  - The email address should be unique

- The API should be accompanied by a comprehensive test suite.

- Written documentation (in Markdown is fine) should be provided so that a developer can use if they need to integrate with this API.

- Source code should be pushed to an open-source repository on GitHub.