**IZENDA**

# Izenda Coding Challenge I

*JavaScript – Design a web application*

Version 1.1

# Design a Web Application

## The Assignment

We have set up an API for you to consume at –

https://izenda.herokuapp.com/patients

The database is a list of patients, information about the patients, and the pharmaceutical drug(s) they are using. You will have access to all HTTP verbs on this endpoint.

Your goal is to design a web application in JavaScript, using any libraries, frameworks, task runners, and/or plugins you choose. Your code must be your own, but feel free to use the Internet as a tool to assist you.

Your minimum requirements are as follows:

1. The application must display a list or table of patients, with some minimum information about them (where they live, what drugs they take, gender, etc).

2. You must be able to select one of these patients, and display the full information about that individual. You must also design a way to create a new patient, with all of the requisite information. Finally, there needs to be a way to edit an existing patient's information, and a way to delete an existing patient.

3. Create a git repository (preferably on GitHub, but you can use any online repository you'd like) and send us the link to that repository when your work is completed. Commit early and often.

## The Extra Mile

Your design is your own, and you will have the opportunity to tell us why you made certain decisions, but here are some things that will give you bonus points:

- Unit tests
- Single Page Application with routing implemented
- Infinite scrolling on a list of patients
- Implement a CSS preprocessor