QA Assignment

Problem- Customer Onboarding Application.

Stack – React, Java, Spring, Hibernate, Oracle, Mongo

Deployment – SAAS.

The customer Onboarding Application enable customization and a tenant who buys this application can customize the fields to be captured, the validations to be performed, number of views, sub Views, and the workflow for approval. The entire configuration is stored as json in Mongo. When a user logs in based on this configuration dynamic views are presented so that the Customers can be onboarded.

Consider there is an API /customers (POST/JSON) creates one customer and is hit from UI

Another API /customers/{id} (GET/JSON) gets the data about one customer and is Hit from UI

Standard REST/HTTP based errors might occur apart from validation errors. Refer <https://en.wikipedia.org/wiki/List_of_HTTP_status_codes> for status codes.

Mock this API to return different error code and success criteria and build test cases to test all error scenario and success scenario.

Delivery:

1. Documentation on how to run the test cases.
2. Test Plan
   1. Test Scenarios
3. Working code
   1. Code to Mock the API (Use framework of your choice)
   2. Code Covering your testcases (use language/framework of your choice)
4. Please ensure that the coding conventions, directory structure and build approach of your project follow the conventions set by popular open source projects.
5. Please use Git for version control. We expect you to send us a standard zip or tarball of your source code when you're done that includes Git metadata (the .git folder) in the tarball so we can look at your commit logs and understand how your solution evolved. Frequent commits are a huge plus.