Rest Assured API Automation

The client provides complete end-to-end application which contains identifying and planning for hazards, tracking critical information in real-time, from anywhere, storing and managing safety data sheets, Organizing incident investigations, Track spill responses, and Managing emissions tracking.

The test team used API testing which is a set of quality assurance actions that include sending calls to the API, getting output, and validating the system's response against the defined input parameters, in particular, the accuracy of data and data's format, HTTP status codes, and error codes. Usually, API testing is performed on APIs produced by the in-house development team. We don't test third-party APIs, but we test the way our software accepts their requests.

As per the client's need, we used CI/CD process, and we thoroughly test the API in beta and alpha environments. The chances of issues decrease to 90 percent when testing is done in these environments.

The Major Benefits for the business are time-saving and user can access to the application without the user interface and also protection from malicious code and breakage most of us use full API testing technology independently.

REST-assured