



Established in 1972, Telligen offers health management solutions and wellness programs that are individually tailored based on unique client priorities, population demographics and geographic circumstances. Their goal is to improve health outcomes and lower costs, while solving healthcare challenges. Telligen is headquartered in Iowa with offices in Colorado, Idaho, Illinois, Maryland, Massachusetts, and Oklahoma.

### Objective

Develop an automation framework for RESTful web services to be integrated into the Continuous Integration and Continuous Delivery model in a Java based environment.

### Design

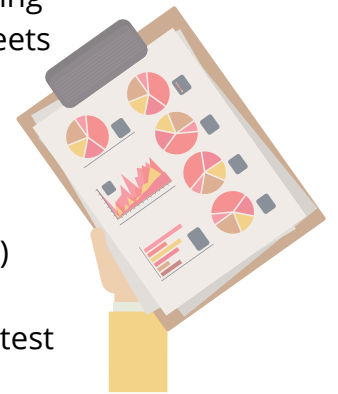
- The test scripts developed in SOAP UI and groovy scripts to support JSON and XML response.
- The XML's generated were merged to JUnit project and executed through maven configuration.
- The Junit checked in to Bitbucket GitHub and merged to main branch. The updates pushed to QuickBuilds for code management and execution.

### Technologies Used

Quick Build | Eclipse IDE  
Bit Bucket - GitHub | Soap UI

### Implementation

- Data driven framework handling static data through spreadsheets and dynamic real time data through JDBC connection.
- The designed suite was configured to support all the environments (Dev, Test, UAT)
- Test suite includes automatic data clean-up script after the test run is completed.



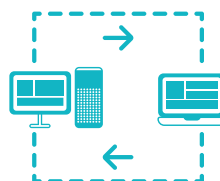
### Efficiencies Achieved

Stable environment after every build.

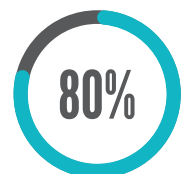


Early detection of failures.

Test data management for automation test.



Reduced



of Manual Testing Effort for Web Services