Test Documentation

Technologies Used

- Selenium Web Driver
- Rest-Assured
- Java 11
- Junit 5
- AsseertJ
- Allure Reporting
- Maven

Set Up

- Download the Zip file Or clone the project from below Github public repository
 https://github.com/dasunbl/share-now-tests
- No additional configuration needed to run the test

Running Tests

For UI Tests

Execute $\emph{mvn-pl}\ registration\ clean\ install\ to\ run\ the\ tests$, when tests are over run

mvn -pl registration allure:serve to run the report (Report will be opened in default browser)

For API Tests

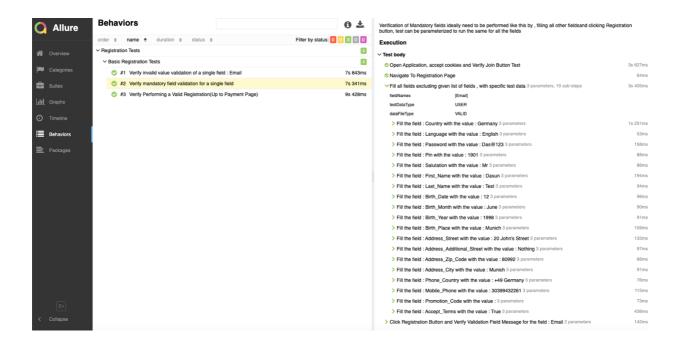
Execute \emph{mvn} - \emph{pl} $\emph{carspecs clean install}$ to run the tests , when tests are over run

mvn -pl carspecs allure:serve to run the report (Report will be opened in default browser)

Test Execution Parameters

- -Dbrowser This is to select the browser of UI tests, default is set of Chrome and Accepted values are CHROME and FIREFOX
- -Denv As a demonstration of concept, specifying environment is possible with this parameter. In UI tests all environments are set to same Share Now Live Site (EN version) . Accepted values are QA , PROD and STAGING , where QA is the default

Reporting



For more Organized reporting view, please use the behaviors tab of the left side column in Allure reporting.

Test Framework

- UI Test framework follows the basic concepts of Page Object pattern with a dynamic approach to recognize and fill elements in a page. This allows to have lesser number of code lines to achieve filling a form with large number of fields based on configurations provided via Json. This approach is ideal
 - o When all / most web elements can be identified by similar pattern
 - o Large Number of fields are there in a Page
 - Number of fields of the page is dynamic This could be handled 100% via data instead of code
- Middle layer of "Step" is introduced between tests and Pages, which handle all dynamic work and provide easy to use generic methods with good reporting to testing layer.