HealthCare Central Automation Documentation

<mark>Note: Any UI changes in the application can cause failure is automation scripts as selenium works on Web Elements.</mark>

Tech Stack

Technology	Selenium (Java)
Framework	TestNG
Build tool	Maven
Design Pattern	Page Object Model

Scripts to be executed

App.java	To validate Engineer Functionality
ReviewerMain.java	To validate reviewer functionality
Testng.xml	To run the complete test suite

Parameters (Constant.properties)

EngineerUserId	Engineer User ID	Needs to be updated when trying to login with a different User ID
EngineerPassword	Engineer Password	Needs to be updated when trying to login with a different User ID
ReviewerUserId	Reviewer ID	Needs to be updated when trying to login with a different Reviewer User ID
ReviewerPassword	Reviewer Password	Needs to be updated when trying to login with a different Reviewer User ID
searchByCustomerName	Customer Name used in UI to test search functionality	Change if search functionality needs to be tested with different customer name
transactingCustomer	Customer name is mapped to transacting customer in the database	Needs to be changed with Customer name in order to fetch correct data from the db
searchByCustomerCode	Reviewer search by criteria	Change if search functionality needs to be tested with different customer code
SearchByProjectName	Engineer & Reviewer Search by Project Name	Change if Search by Project name functionality needs to be tested with a different project Name

Date Source for Create a new Project/Create a new Report (CapstoneTestData.xlxs)

Sheet	Description
newProject	Contains all the input values for creating a new project. Make changes if required
newReport	Contains all the input values for creating a new report linked to the project created above. So apart from project number, other values can be updated in the sheet. NOTE: Attachments are stored in "attachments" folder inside project package.

Test Report

- Reports are stored in 'Reports' folder under CapstoneTest.
- Right click on the 'index.html' and click on properties.
- Copy the location and paste the url in any browser.
- 'Reviews Count' is printed on the console instead of report.
- In case of failed test scripts, refer 'Results of running Suite' next to console to verify failure reason.

Steps to execute-

- Import the test suite in Eclipse.
- Download the "mysql-connector-java-8.0.28.jar" and right click on the 'capstoneTest', select properties>java build path>Add External Jar>Select the sql jar>Apply and Close.
- Run project as maven to ensure all the dependencies are updated
- Right click on App.java/ReviewerMain.java/testing.xml and run as testNG application.
- Execution should get started in the chrome browser.