

Automation Setup

Automation Recording: <https://elementfinancialcorporation.sharepoint.com/sites/Ordering2017/Shared%20Documents/Forms/AllItems.aspx?viewid=009c85f5%2D0129%2D45fd%2D9195%2D2d92a87ab9f7&id=%2Fsites%2FOrdering2017%2FShared%20Documents%2FOrdering%20Testing%202019%2FAutomation>

Ordering Automation

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"Applications to be installed."

Prerequisite

- JDK 1.8 check at C:\Program Files\Java.
- Latest version of Eclipse(much preferable)/STS.
 - Download Eclipse if you have access or raise RITM request.
- TestNG
 - Select Help / Install New Software...
 - Enter the update site URL in "Work with:" field:
 - Update site for release: <https://dl.bintray.com/testng-team/testng-eclipse-release/>.
 - Make sure the check box next to URL is checked and click Next.
 - Eclipse will then guide you through the process.
- Gitbash (Not Mandatory)
 - Download GITBash if you have access or raise RITM request.

Dependencies

"Dependencies used in the project."

- Rainbow packages v0.5.02-SNAPSHOT
- RestAssured v4.1.2
- JSONPath v4.1.2
- PDFCompare v1.1.40
- PDFBox v2.0.16
- PostgreSQL v42.1.4
- Log4j v1.2.17
- ApachePOI v3.9
- ApachePOI-OOXML v3.9

Execution

Local

"Make sure you have followed the prerequisites."

- Clone the Ordering repo using `<http://github.fleet.ad/Testing/EQA_UI_ORDERING_V2.git>`
- Open Eclipse.
- Import the maven project.
- Clean the project Right click on the project Run As Maven clean.

- Force update the project Right click on the project Maven Update Project Check Force Update option Click Ok.
- Move to the directory `src/test/resources` click on any of the section i.e. Regression or Sanity.
- Modify the test data excel according to your convenience in `TestData/OrderingTestData.xlsx`.
- Select the xml file that you want to run and Right click on the xml file Run As TestNG Suite.
- :boom: Test Case started.
- After execution PDF report will be generated with in `target/<TC Name>.pdf`.

"Make sure before your execution you clean your project."

Jenkins

"Make sure you have QA Jenkins access."

- Login to QA Jenkins.
- Click on the job that you want to run.
- Click on Build now option and enter the required details and click on Build Now button.
- After your build is completed click on the build number download the PDF for analysis.

Contributing

Currently we are having master and feature branch:

- qa branch will have all the latest code that will be required to run on qa environment.
- qa2 branch will have all the latest code that will be required to run on qa2 environment.
- dev branch will have all the latest code that will be required to run on dev environment.

"Note: You can't push to qa,qa2 and dev branch directly."

Steps to add your code to qa,qa2 and dev branch:

- Create a new branch with name as your task name. Ex ORD-1234.
- Push your branch to remote repository i.e GITHUB.
- Raise a PR of your branch to feature branch.
- If you have conflicts please resolve the conflicts and again push the changes to GITHUB. No need to raise a new PR your old PR will be present and will reflect your new changes.
- All the checks should be passed on the latest commit.
- Please assign it to a automation team member as they only have the access to merge a PR.

"Note: After you assign a PR to automation team member please mail or ping him as currently we are not getting mails from GITHUB."

Things to remember before raising PR

1. Your xml and java files are present in the correct directory i.e xml file in `src/test/resources/<functionality-section-folder>/<file-name>.xml` and its java file in `src/test/java/<functionality-section-package>/<file-name>.java`.
2. Your code change does not have any impact on the existing code.
3. After raising PR inform the person to whom you have assigned it to.
4. Refer to Best Practices page for more details.

Team

Automation Team Members:

1. Prasanth Venkatakrishnan

2. Shivam Pratap Singh
3. Akshay Kandkonde
4. Mounika K
5. Shivam S
6. Pratik Dhole
7. Sunil Bhosle
8. Sidheshwar K
9. Damodhar Jawale
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12. Mayur K
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Note: Please drop a mail to OrderingQAAutomation@elementcorp.com DL in case you feel anything is missing.