

Automation Documentation

This document contains all the details related to automation suite.

GIT Repo URL :

cms-website-revamp with branch as **AutomationFramework** <https://github.com/INSEAD/cms-website-revamp/tree/AutomationFramework>
[work](#) - Connect your Github account

Prerequisite Installations :

1. Java 11
2. Apache Maven 3.8.5 or above /Gradle
3. IntelliJ or Eclipse

Prerequisite Test Data :

1. All test users has to be created first before running any script. Manually create 1 admin user as mentioned in User.properties. Post that use tag `@CoreCreateuserRoles` to create other users.
2. Tag proper departments to the above created user.
3. Create 3 article with Title as Test article 1 , Test article 2 and Test article 3 With Basic Information Title , Image , publishing Date , tags & topic.
4. Create Landing Page , Programme and Article with testwebmanager role user.

Steps to Download :

1. Run Git clone <https://github.com/INSEAD/cms-website-revamp.git> - Connect your Github account

OR

1. Download the Zip file and unzip it and open it on either IntelliJ or Eclipse.

Steps to Perform before running the script :

1. Add your INSEAD SSO credentials in the User.properties file.
2. Disable Captcha (Knowledge only) from CMS for smooth run.
3. Check chromeDriver version is compatible with your local chrome version.

Steps to Run :

1. Run via TestSuite.
2. Run via Terminal.

Command : `mvn clean verify -Denvironment=core-stage -Dtags=@ CoreArticle`

-Denvironment specify the environment on which you want to execute script.

-Dtags specify the particular tag or collection you want to execute.

Script Details :

1. This script contains a combined Code of both Knowledge and [INSEAD.edu](https://insead.atlassian.net/plugins/servlet/ac/com.kaanha.jira.tcms/aio-tcms-app-browse?ac.project.id=10006&ac.page=cycle-execution&ac.params={) (Core). All the files are separated with Core or knowledge keyword.
2. Each feature file has tags defined.
3. Single or multiple files can be executed.
4. User credentials are present in user.properties file.
5. Environment configuration are present in Serenity.conf file.
6. Serenity Script related configurations are present in serenity.properties file.
7. Script can be executed in both Headed or Headless mode.

Points to Note :

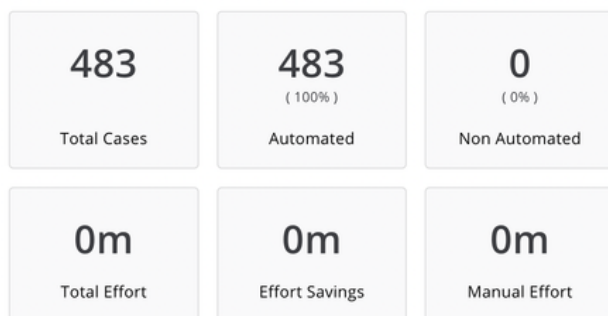
1. Currently automation test data and test users are only prepared on Beta environment. To execute script in any other environment required test data and test users have to be created before execution.
2. Few Features like **CGM , Forms and MIM** are scripted as per UAT/revamp environment , as both environment has correct data and configuration. Hence required to be executed only on UAT/Revamp. They all are tagged with `@uatPages` .
3. Script is created as per current implementation , any changes done later will cause script failure. Hence script has to be updated.
Example: Forms , in case of removing any question or adding question will fail the script, hence has to be updated.

Automation Cycle :

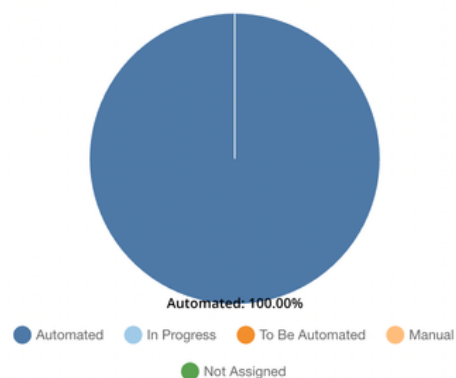
This contains all test cases which are covered in script. All test cases has tag as **"Automation"** and Automation status as **"Automated"**

[https://insead.atlassian.net/plugins/servlet/ac/com.kaanha.jira.tcms/aio-tcms-app-browse?ac.project.id=10006&ac.page=cycle-execution&ac.params={"cycleId":165279}](https://insead.atlassian.net/plugins/servlet/ac/com.kaanha.jira.tcms/aio-tcms-app-browse?ac.project.id=10006&ac.page=cycle-execution&ac.params={)

Overview



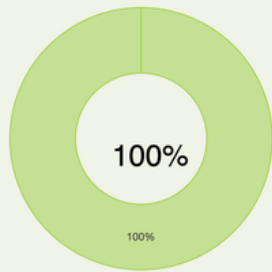
Distribution



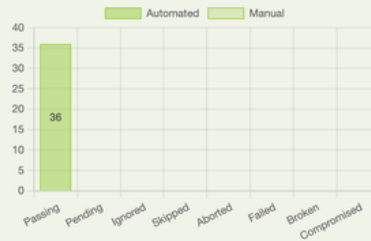
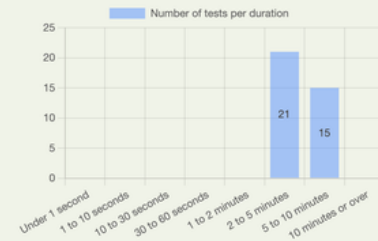
Sample report - Core Execution

Test Results: All Tests

36 tests

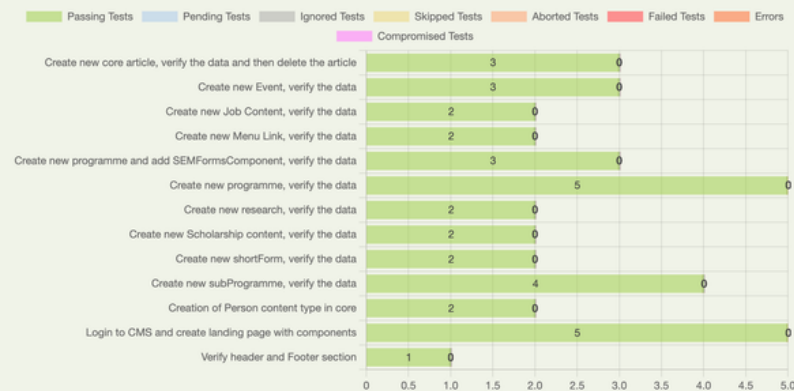
[Summary](#) [Test Results](#)[Overview](#)

Passing Test Cases Pending Test Cases
Ignored Test Cases Skipped Test Cases
Aborted Test Cases Failed Test Cases
Broken Test Cases Compromised Test Cases
Undefined Test Cases

☒ Test Outcomes[Test Performance](#)

Functional Coverage Overview

Features



Key Statistics

Number of Scenarios	36
Total Number of Test Cases	36
Tests Started	Jul 06, 2023 11:00:04
Tests Finished	Jul 06, 2023 13:46:00
Total Duration	2h 45m 55s
Fastest Test	2m 1s
Slowest Test	8m 22s
Average Execution Time	4m 34s
Total Execution Time	2h 45m 53s

Functional Coverage Details

Features

Show 10 entries

Filter

Feature	Scenarios	Test Cases	% Pass	Result	Coverage
Create new core article, verify the data and then delete the article	3	3	100%	✓	<div></div>
Create new Event, verify the data	3	3	100%	✓	<div></div>
Create new Job Content, verify the data	2	2	100%	✓	<div></div>
Create new Menu Link, verify the data	2	2	100%	✓	<div></div>
Create new programme and add SEMFormsComponent, verify the data	3	3	100%	✓	<div></div>
Create new programme, verify the data	5	5	100%	✓	<div></div>
Create new research, verify the data	2	2	100%	✓	<div></div>
Create new Scholarship content, verify the data	2	2	100%	✓	<div></div>
Create new shortForm, verify the data	2	2	100%	✓	<div></div>
Create new subProgramme, verify the data	4	4	100%	✓	<div></div>

Showing 1 to 10 of 13 entries

Previous 1 2 Next

Tags

- 🔍 Create Core Person 2
- 🔍 Accordion With Icon 2
- 🔍 Slider Banner 3
- 🔍 Image Text Button 2
- 🔍 Upcoming Event 3
- 🔍 Corelanding Page 5
- 🔍 Top Banner 3
- 🔍 Contentae 3
- 🔍 Certificate Cards 3
- 🔍 Core Event 3
- 🔍 Our Past Events Highlights 2
- 🔍 Core Job 2
- 🔍 Create Core Programme 5
- 🔍 Sub Programme 4
- 🔍 Scholarship 2
- 🔍 Featured News 2
- 🔍 Content Text Block 3
- 🔍 Title Column Stats 4
- 🔍 Semformscomponent 3
- 🔍 Core Sanity 36
- 🔍 Story And Highlight 3
- 🔍 Programme By Topic 2
- 🔍 Regression 36
- 🔍 List With Icon 3
- 🔍 Core-Stage 1
- 🔍 Core Article 3
- 🔍 Insead Sanity 3
- 🔍 Title And Column Wise Stats 2
- 🔍 Interactive Map 3
- 🔍 Campus Exchange 3
- 🔍 External Listing Carousal 3
- 🔍 Short Form 2
- 🔍 Wn-387 3
- 🔍 Meet Us Globally 3
- 🔍 Tab Variant 3
- 🔍 Bottom Banner 4
- 🔍 Cross Sell Banner 2
- 🔍 Content Selection 2
- 🔍 Event Form 3
- 🔍 Insead Moments 3
- 🔍 Core Menu 2
- 🔍 Image And Form 3
- 🔍 Content Image 2
- 🔍 Research 2
- 🔍 Core Header Footer 1
- 🔍 Upcoming Event1 3

Context

- 🔍 Mac 36