



Manual Testing Calendly

Project Based Experience Learning Program



SRI VENKATESWARA COLLEGE OF ENGINEERING

Project submitted by:-

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Calendly Automation Testing Project

About Calendly:

Calendly is an online scheduling tool that allows individuals and businesses to easily manage and schedule appointments, meetings, and events. It simplifies the process of finding mutually convenient meeting times by eliminating the need for back-and-forth email exchanges or phone calls.

With Calendly, users can create personalized scheduling links that they can share with others. When someone wants to schedule a meeting, they can simply click on the link, view the available time slots, and select a time that works best for them. Once a time is chosen, Calendly automatically sends confirmation notifications to all parties involved, and the meeting is added to everyone's calendar.

Calendly integrates with popular calendar platforms such as Google Calendar, Outlook, and iCloud, ensuring that your schedule remains up-to-date and conflicts are avoided. It also offers features like automated reminders, customizable event types, time zone detection, and the ability to set buffer times between appointments.

Overall, Calendly streamlines the process of scheduling meetings and saves time for both individuals and businesses by eliminating the need for manual coordination and back-and-forth communication.

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Introduction

The Calendly project is a Katalon automation project that utilizes the Selenium framework for automating web interactions. This documentation provides an overview of the project, instructions for installation and configuration, details about the project structure, and examples of test cases.

Project Overview

The Calendly project aims to automate various tasks on the Calendly website. It leverages Katalon studio, a powerful web automation tool, to interact with web elements and perform actions such as clicking buttons, filling forms, and extracting data.

Milestone 1: Getting Started

Explain the prerequisites and setup required to run the project.

Activity 1:-Prerequisites

Before getting started with the Calendly project, ensure you have the following prerequisites:

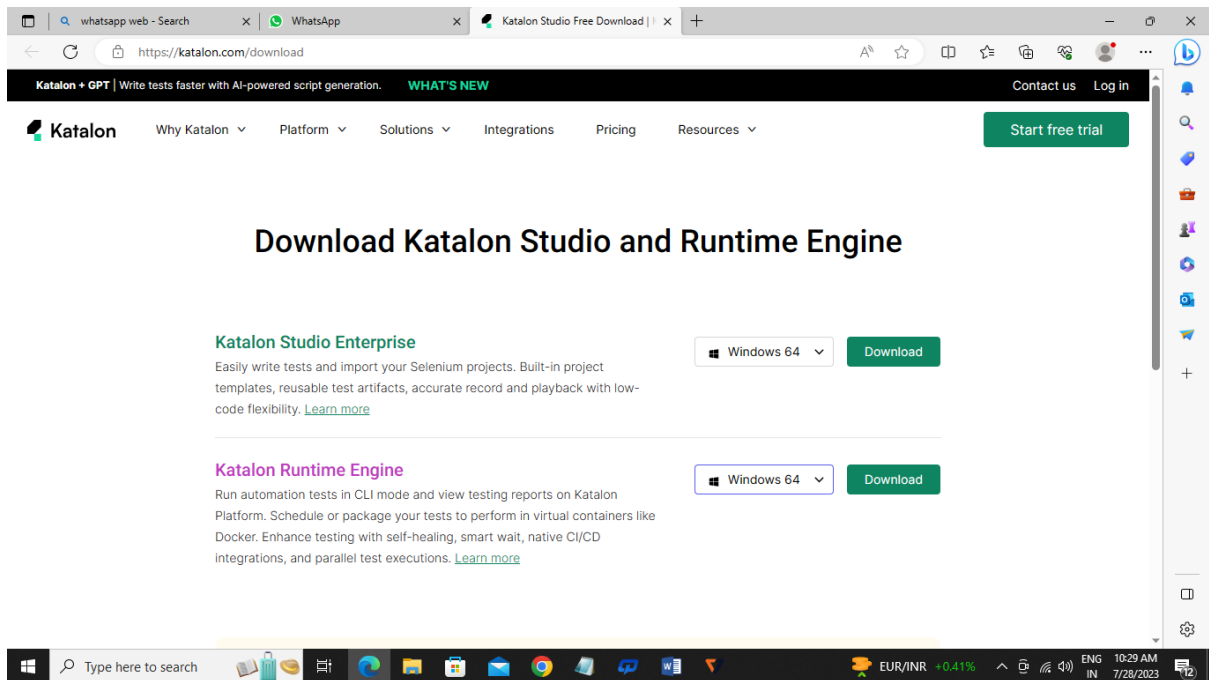
List the software and tools that need to be installed before running the project, such as:

- **Katalon Studio (Latest Version)**
- **Any other dependencies**

Activity 2:-Installation

To install the necessary dependencies for the Calendly automation project, follow these steps:

Activity 2.1:- Install Katalon Studio: Visit the Katalon Studio website (<https://katalon.com/download>) and download the latest version of Katalon Studio. Follow the installation instructions for your operating system.

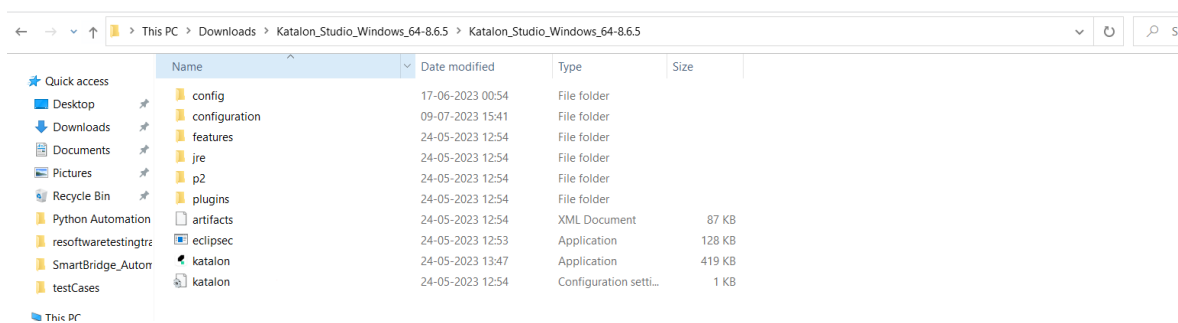


After downloading Katalon Studio and extracting the contents from the zip file, locate the folder where you extracted it.

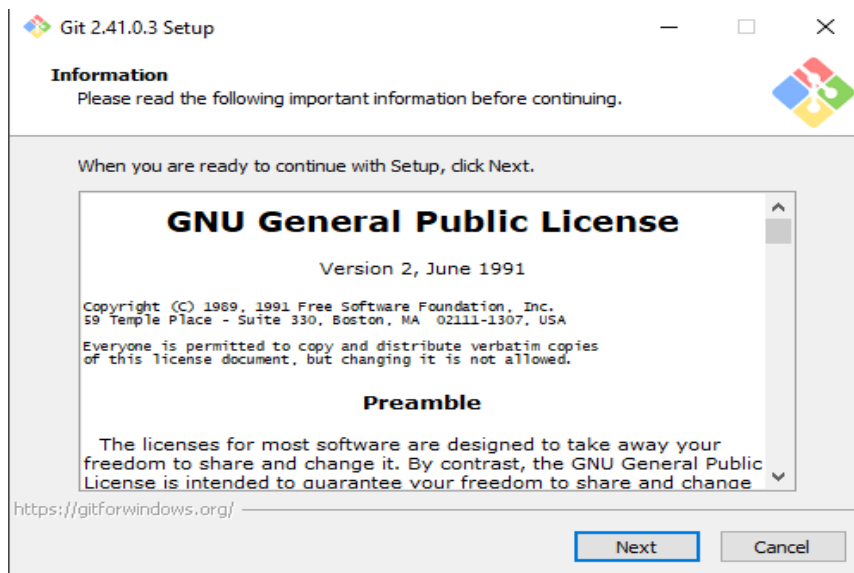
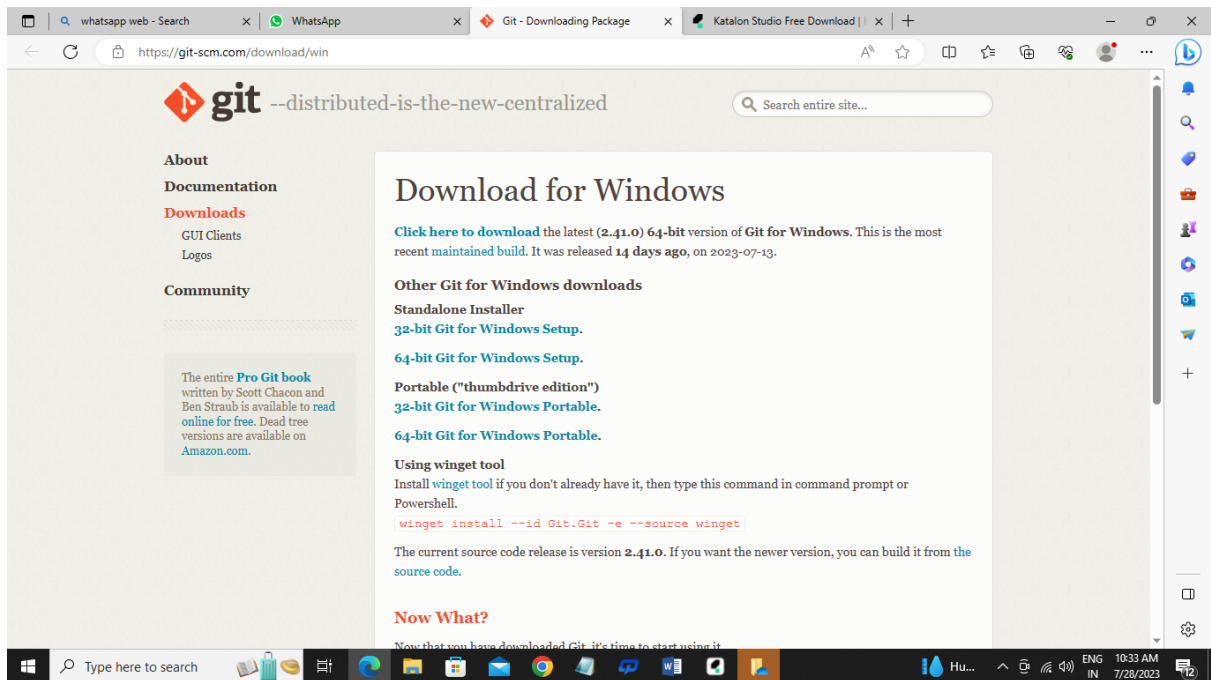
In that folder, look for the "**katalon.exe**" file. This file is the executable for Katalon Studio.

Double-click on the "**katalon.exe**" file to launch Katalon Studio. It may take a few moments to start up.

Once **Katalon Studio** is launched, you can start creating or opening your project by selecting "File" from the menu bar and choosing either "**New Project**" or "Open Project" based on your requirements.



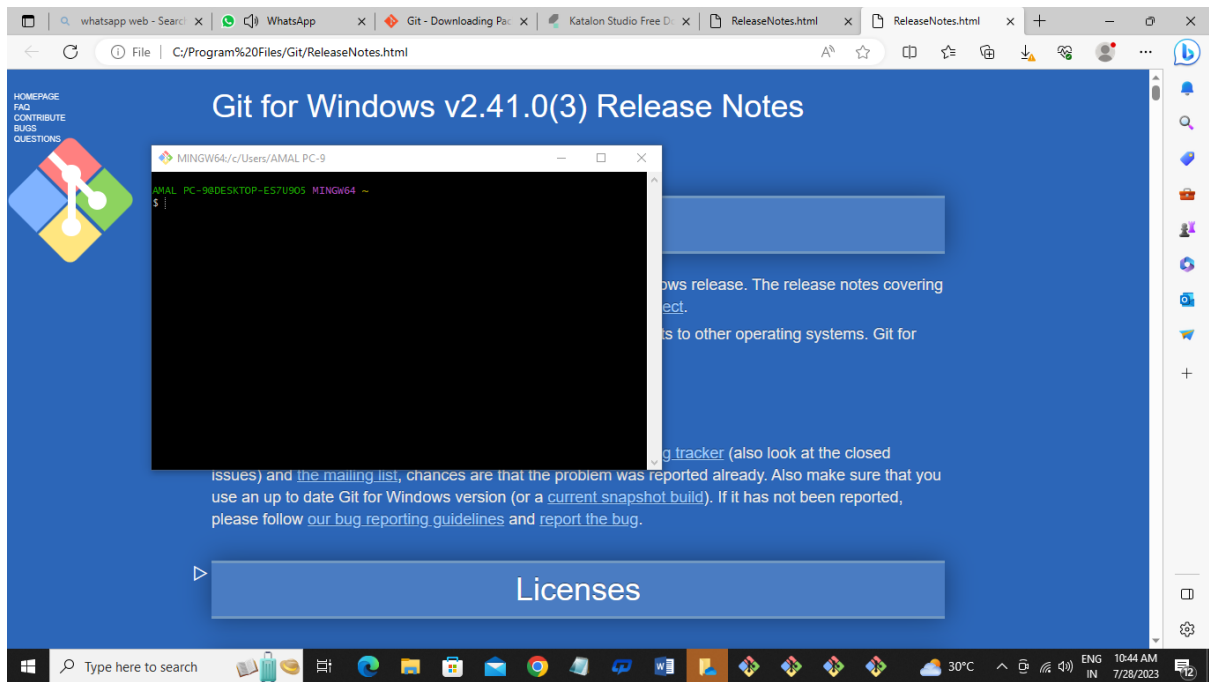
Activity 2.2:- Download and install **gitbash** from <https://git-scm.com/download/win>



Activity 2.3:- Go to the desired location where you want to create the folder, such as Desktop.

Folder name like eg...(Automation_Testing_Project)

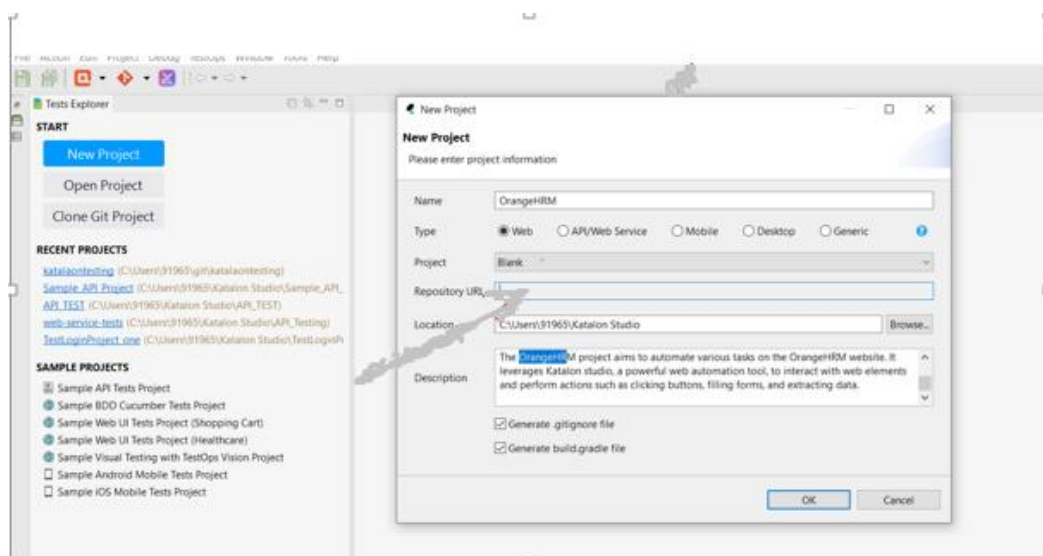
Open the folder→ Right click with in the folder and select open gitbash here, you will get pop up like below and clone the repository based on the next steps provided below.



Activity 3:- Project Setup

Explained how to set up the project locally, including steps like:

Before cloning the project create project like below in Katalon Studio.



Activity 3.1:- Clone the repository from github.

Activity 3.2:- Enter the repository URL and click ok. Repo URL provided below.

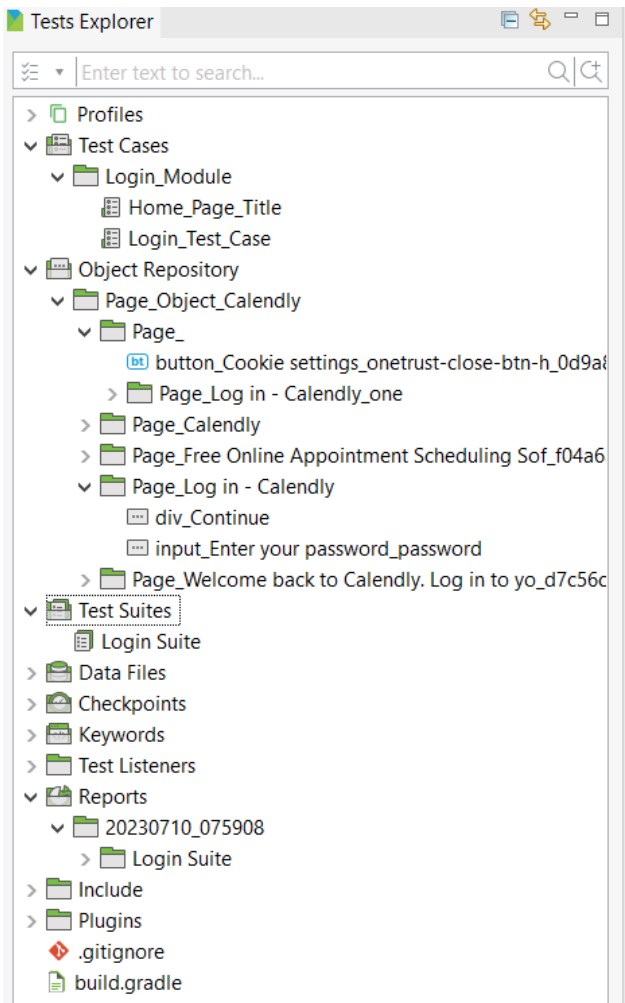
Activity 3.3:- Clone the Calendly project repository from [repository URL].

https://github.com/venkatsaitesting123/SmartBridge_Automation_Projects.git

Activity 3.4:- Configuration settings (if any)

Milestone 2: Project Structure

Activity 1:-Explained the structure of the project, including directories and files, and their purposes.
For example:



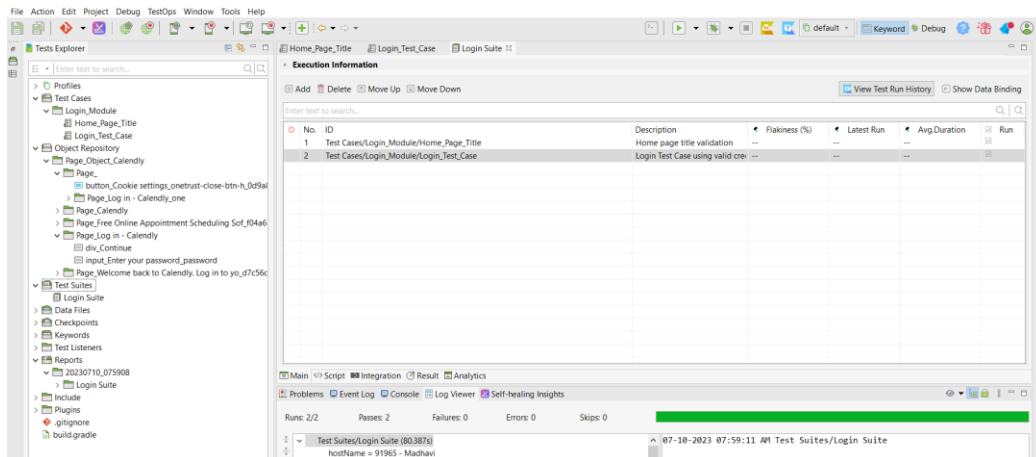
- **testscases/**: Directory containing test scripts
- **ObjectRepository/**: Directory containing page object models
- **testSuites/**: Directory containing run multiple test cases
- **reports/**: Directory containing test reports
- **datafiles/**: Directory containing test data (**ex:excel, csv, text, json files**) related to project
- **Run :-** Option to run all the testcases from the top quick access tool bar.

Activity 2:-Writing Test Cases

Explained how to write test cases using Katalon Studio(it uses internally java,groovy script). Provide examples of different types of test cases, such as:

- Test case 1: Home Page functionality

Screenshot of the code:



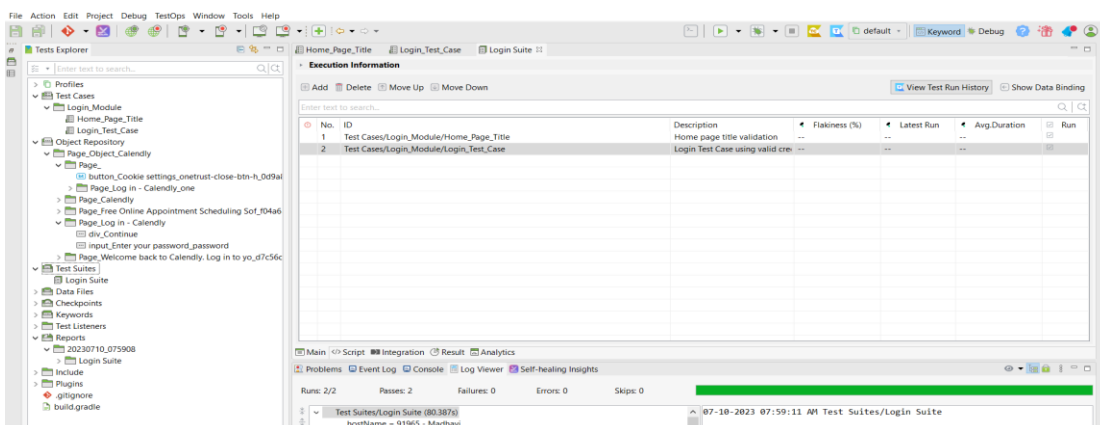
- Test case 2: Register new user functionality
- **Add new testcases as per Manual testcases prepared.**

Include best practices for writing maintainable and readable test cases.

Milestone 3: Running Tests

Explained how to run the test cases using Katalon studio. Include information about command-line options and flags that can be used to customize test execution.

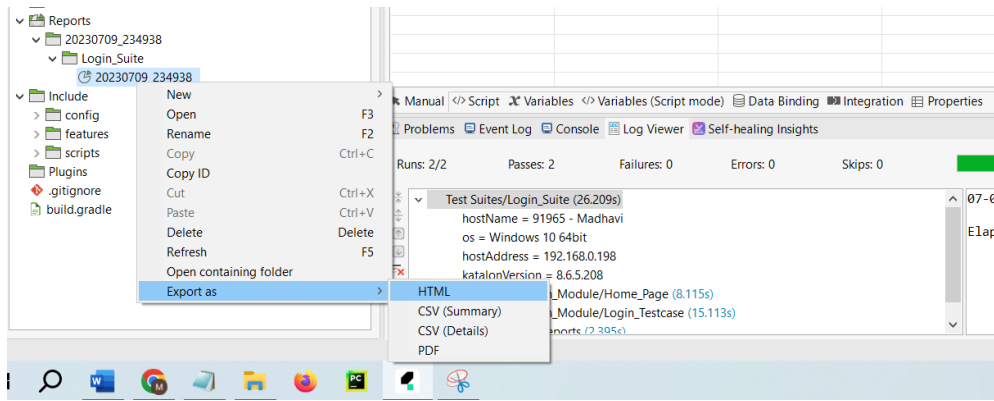
Activity 1:- Option to run all the testcases from the top quick access tool bar.



Milestone 4: Test Reporting

Explained how test reports are generated and where they are stored. Include information about any tools or libraries used for reporting, such as katalon reporting.

Activity 1:-reports/: Directory containing test reports



Login Suite Test Log

Execution Environment

Host name: 91965 - Madhavi
Local OS: Windows 10 64bit
Katalon version: 8.6.5.208
Browser: Chrome 114.0.0.0

Test Execution Log

TEST SUITE: Login Suite	Expand All
Full Name: Login Suite	
Start / End / Elapsed: 2023-07-10 07:59:11.500 / 2023-07-10 08:00:27.103 / 00:01:15.603	
Status: 2 test total, 2 passed, 0 failed, 0 error, 0 incomplete, 0 skipped	
TEST CASE: Test Cases/Login_Module/Home_Page_Title	Expand All
Full Name: Login Suite/Test Cases/Login_Module/Home_Page_Title	
Description: Home page title validation	
Tag: Smoke	
Start / End / Elapsed: 2023-07-10 07:59:11.900 / 2023-07-10 07:59:26.104 / 00:00:14.204	
Status: PASSED	
TEST STEP: openBrowser("")	
TEST STEP: navigateToUrl("https://calendly.com/")	
TEST STEP: maximizeWindow()	
TEST STEP: closeWindowTitle("Free Online Appointment Scheduling Software Calendly")	
TEST STEP: closeBrowser()	
TEST CASE: Test Cases/Login_Module/Login_Test_Case	Expand All
Full Name: Login Suite/Test Cases/Login_Module/Login_Test_Case	
Description: Login Test Case using valid credentials	
Tag: Smoke	
Start / End / Elapsed: 2023-07-10 07:59:26.121 / 2023-07-10 08:00:27.103 / 00:01:00.982	

Troubleshooting

List common issues that may occur during project setup or test execution and provide possible solutions.

Conclusion

The Calendly automation project provides a framework for automating various tasks within the Calendly web application using Katalon Studio. With this documentation, you should be able to set up the project, execute tests, and extend/customize it according to your needs.