

Automation Testing Calendly

Project based experience learning program

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 timeslots, 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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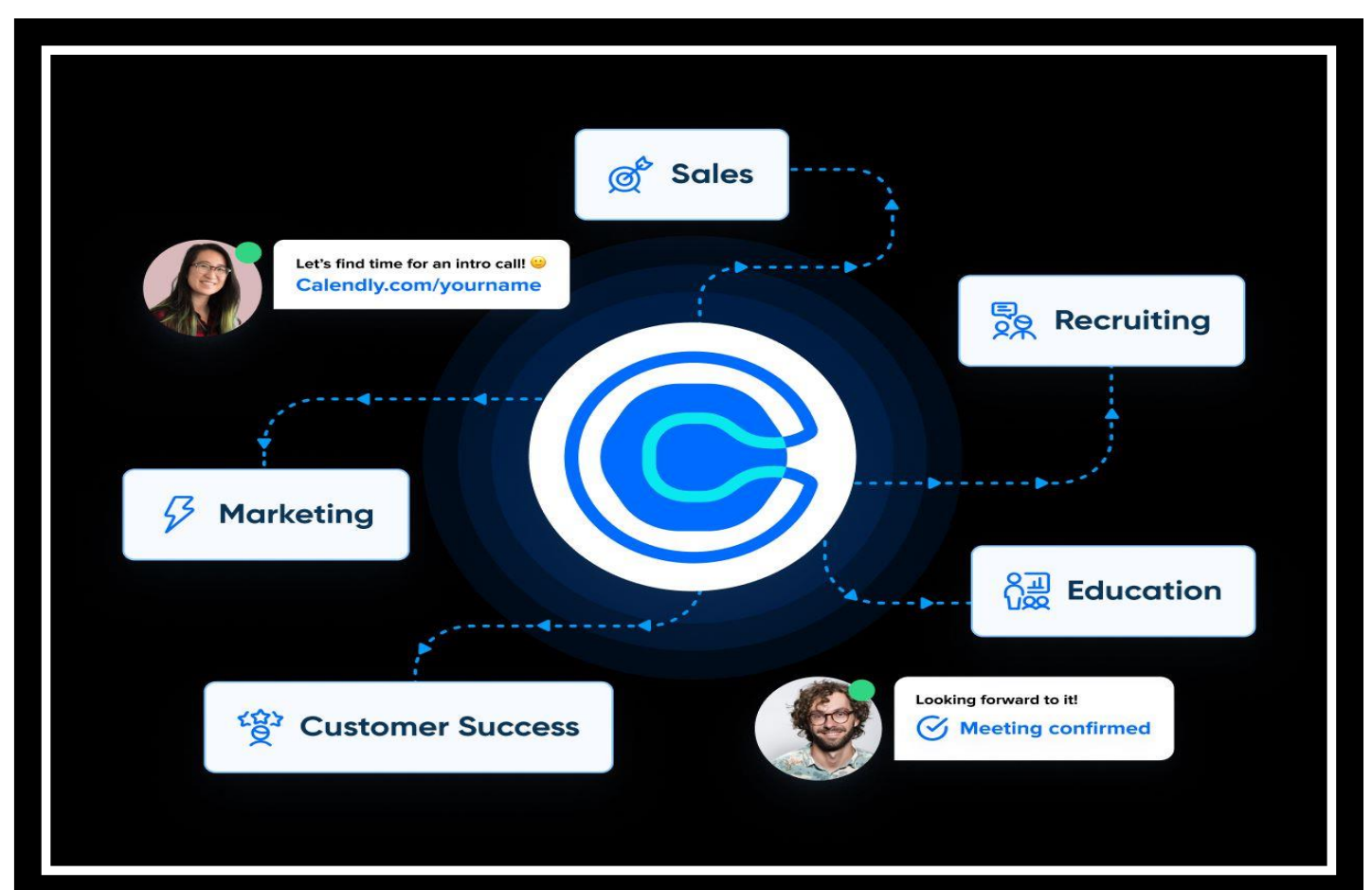
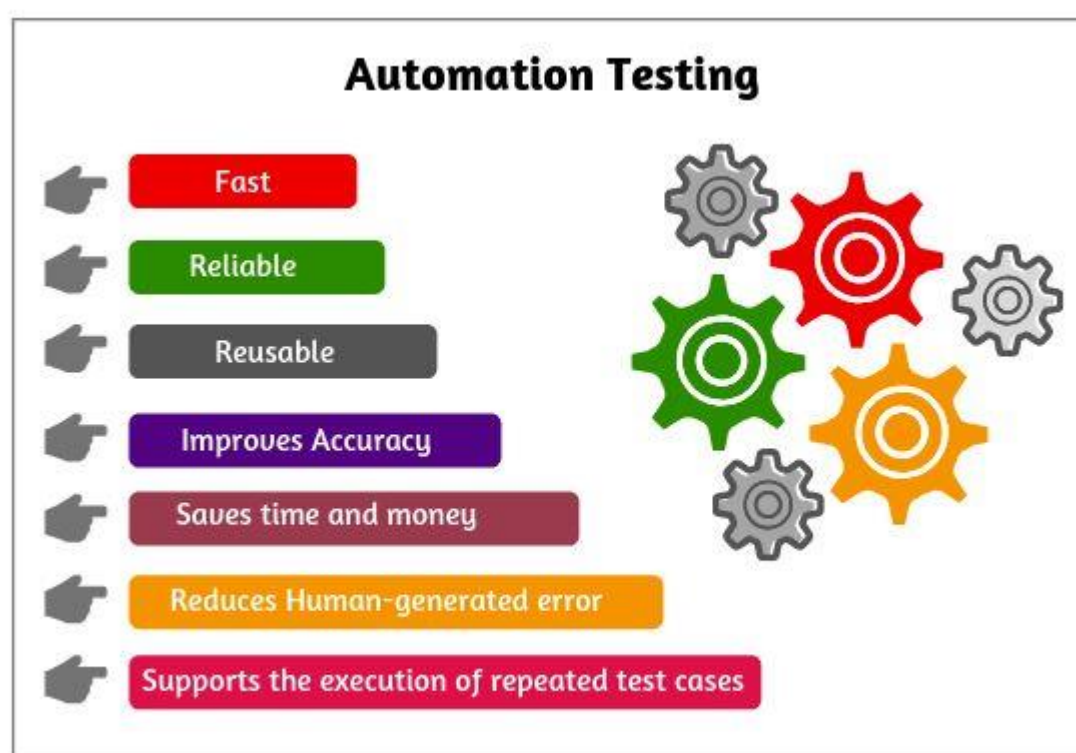
Introduction

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.

Technical Architecture



Milestone1: [Get ingStarted](#)

Explain the prerequisites and setup required to run the project.

Activity 1:-Prerequisites

Before getting startedwiththe Calendlyproject, ensure youhavethe following prerequisites:

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

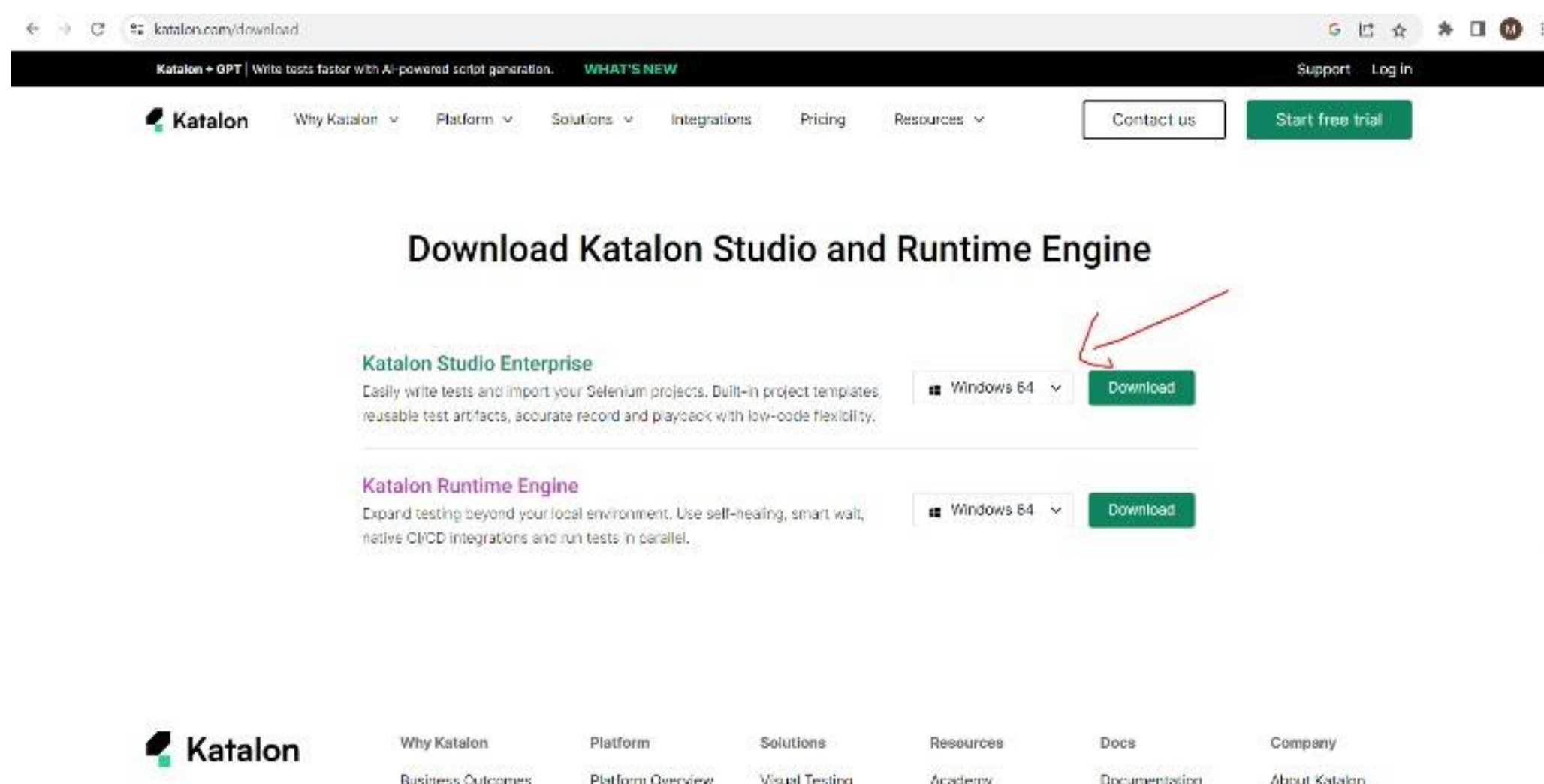
KatalonStudio(LatestVersion)

Anyotherdependencies

Activity 2:-Installation

To insta l the necessary dependencies for the Calendly automation project, fo lowthese steps:

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

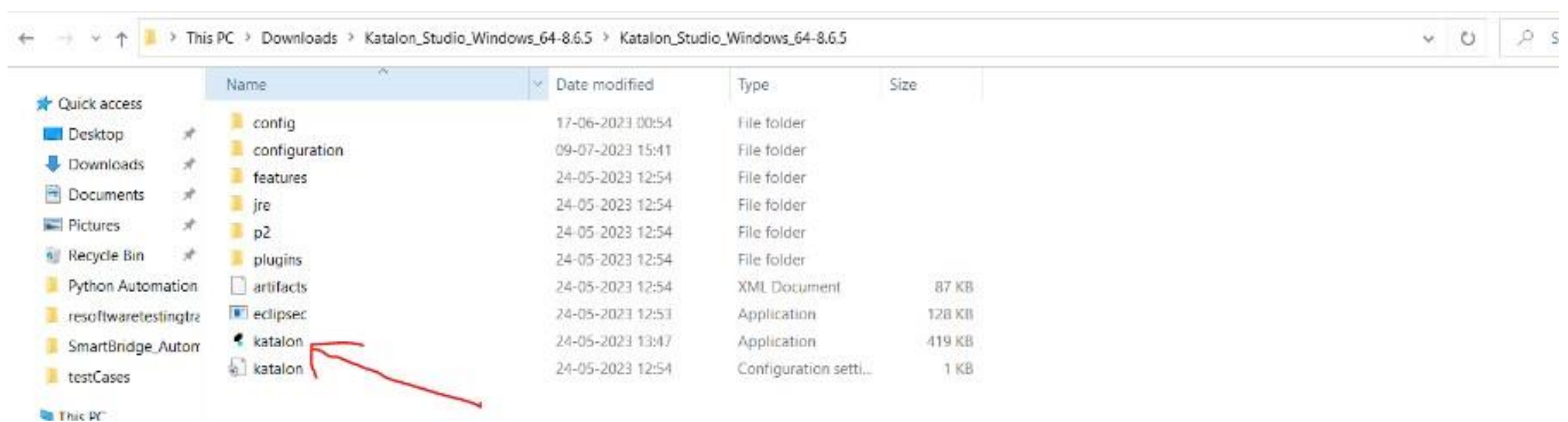


After downloading Katalon Studio and extracting the contents from the zipfile, locate the folder where you extracted it.

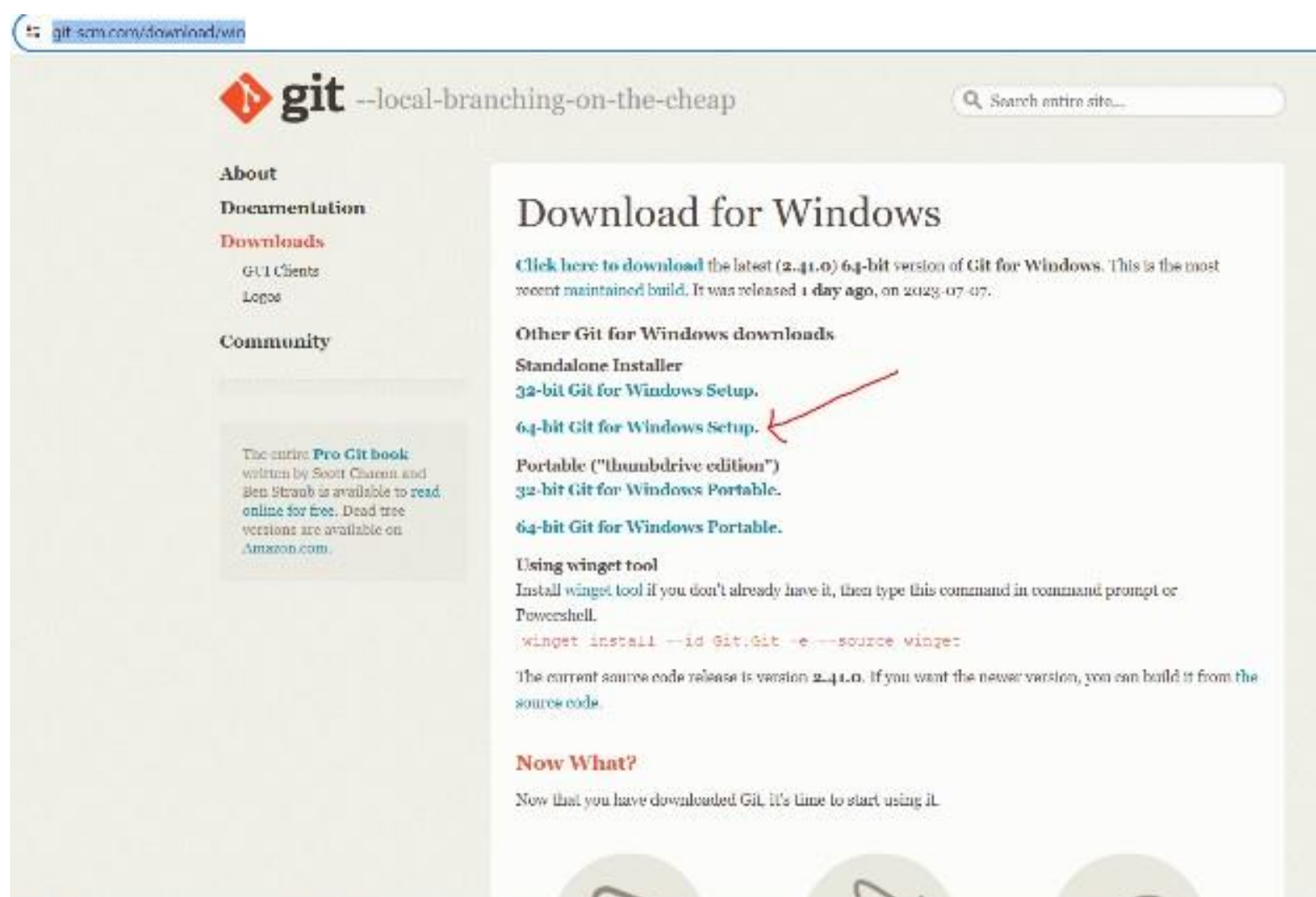
In that folder, look for the "katalon.exe" file. This file is the executable for Katalon Studio.

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

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>

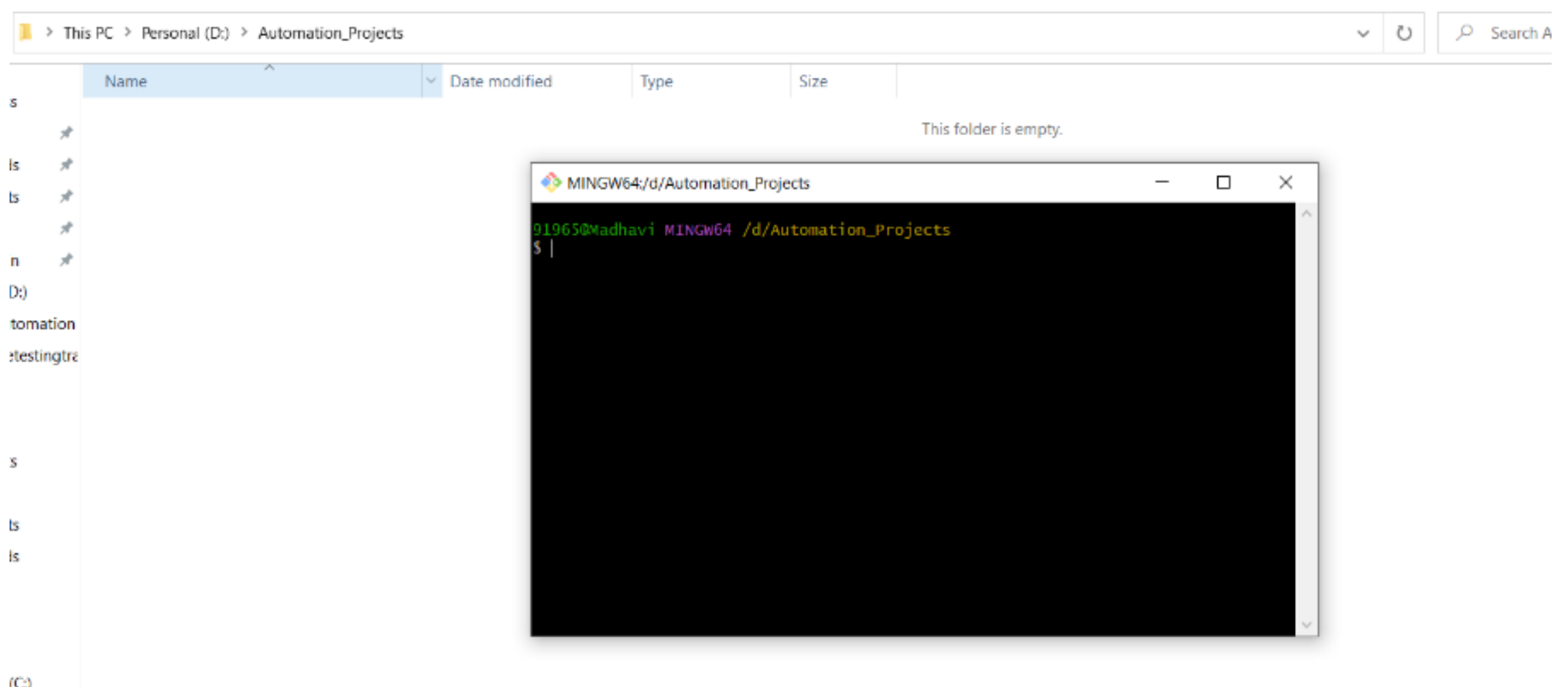




Activity 2.3: - Go to the desired location where you want to create the folder, such as Desktop.

Folder name like eg...(Automation_Testing_Project)

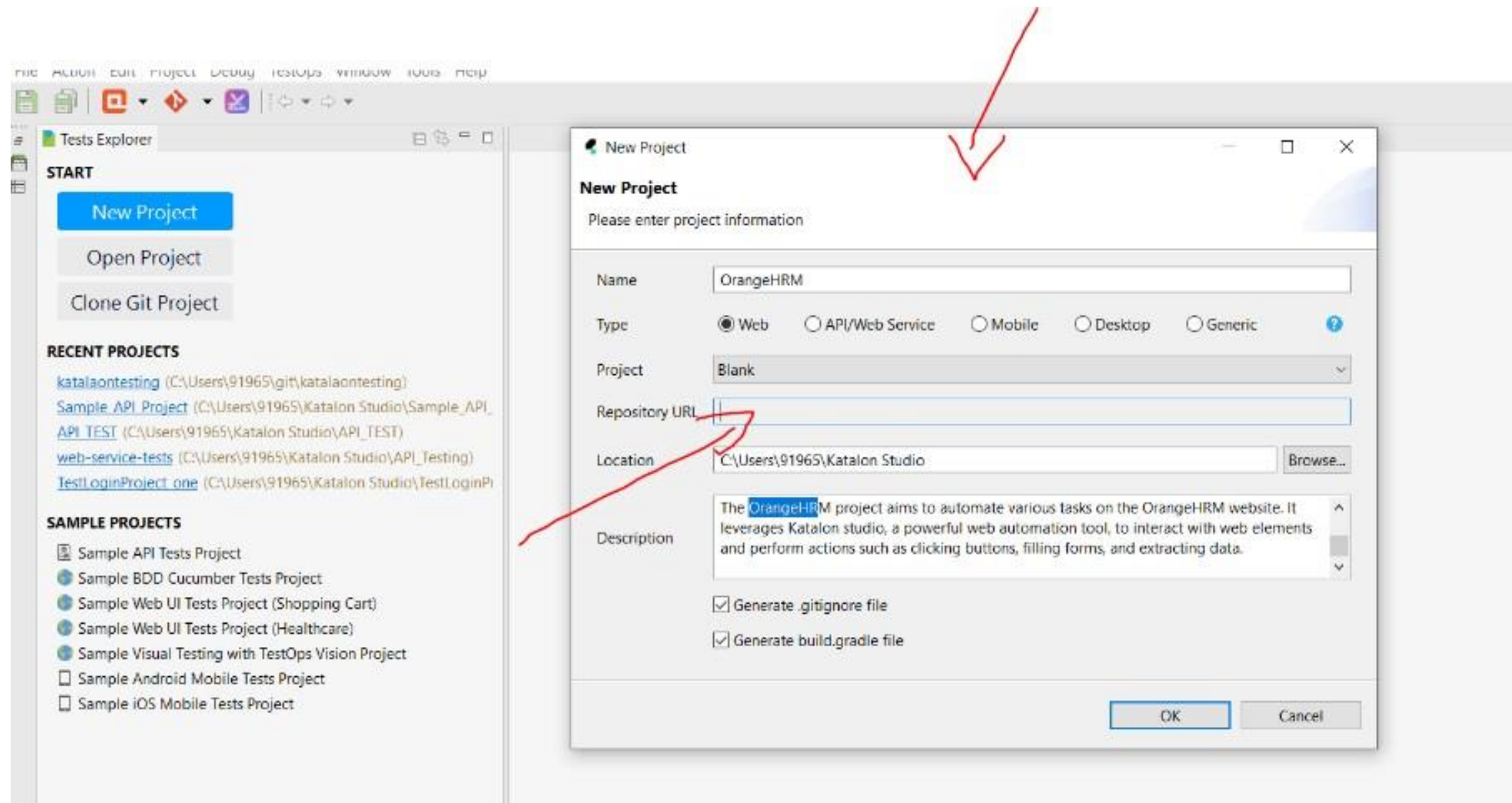
Open the folder- Right click with in the folder and select open gitbash here, you will get pop up like below and clone the repository based on the next steps provided below.



Activity 3:- Project Setup

Explained how to setup 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.

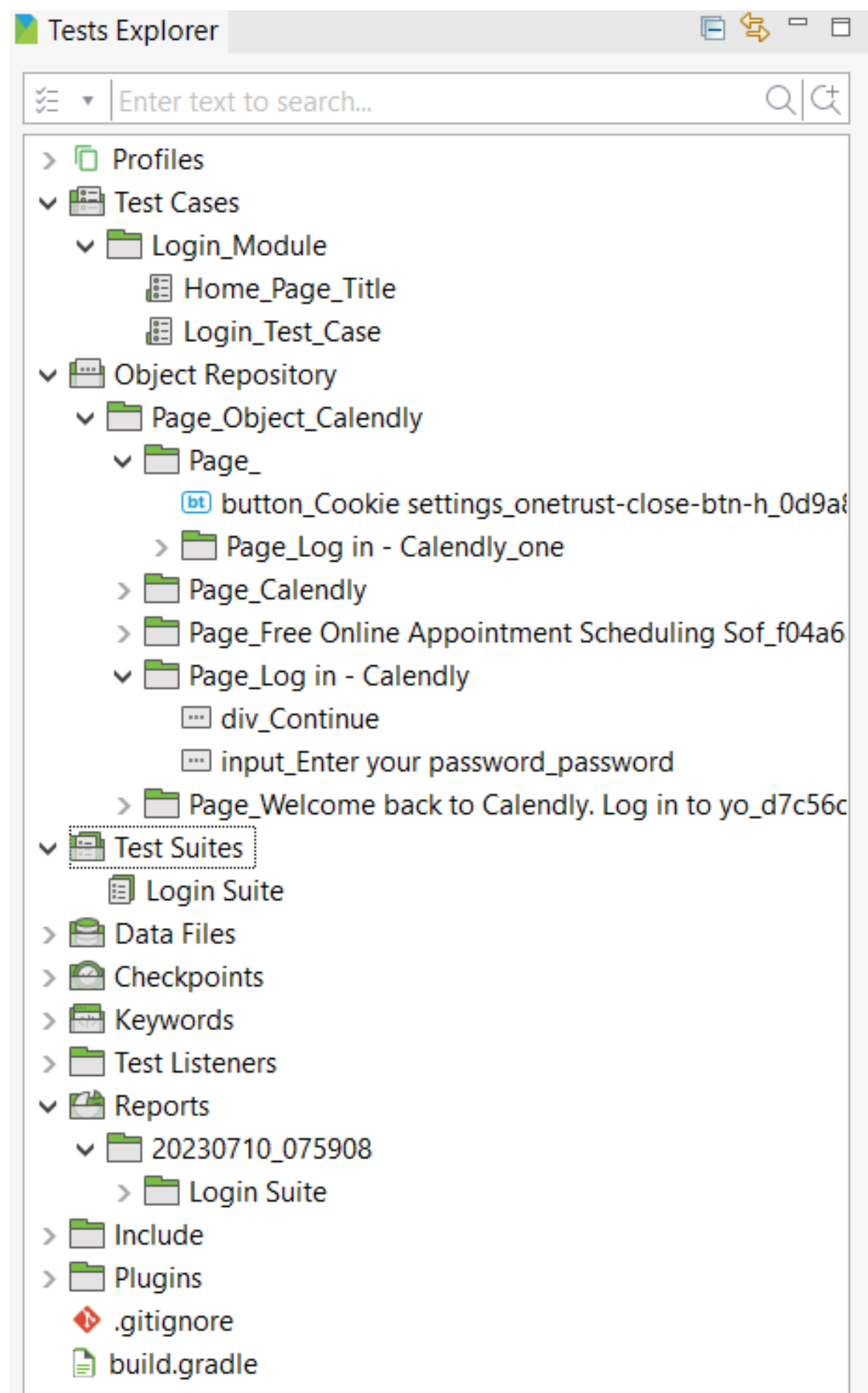
Activity 3.3:- Clone the Calendly project repository from [repository URL].

<https://github.com/>

Activity 3.4:- Configuration settings (if any)

Milestone2: ProjectStructure

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



Tests cases/: Directory containing test scripts

Object Repository/: Directory containing page object models

Test Suites/: 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

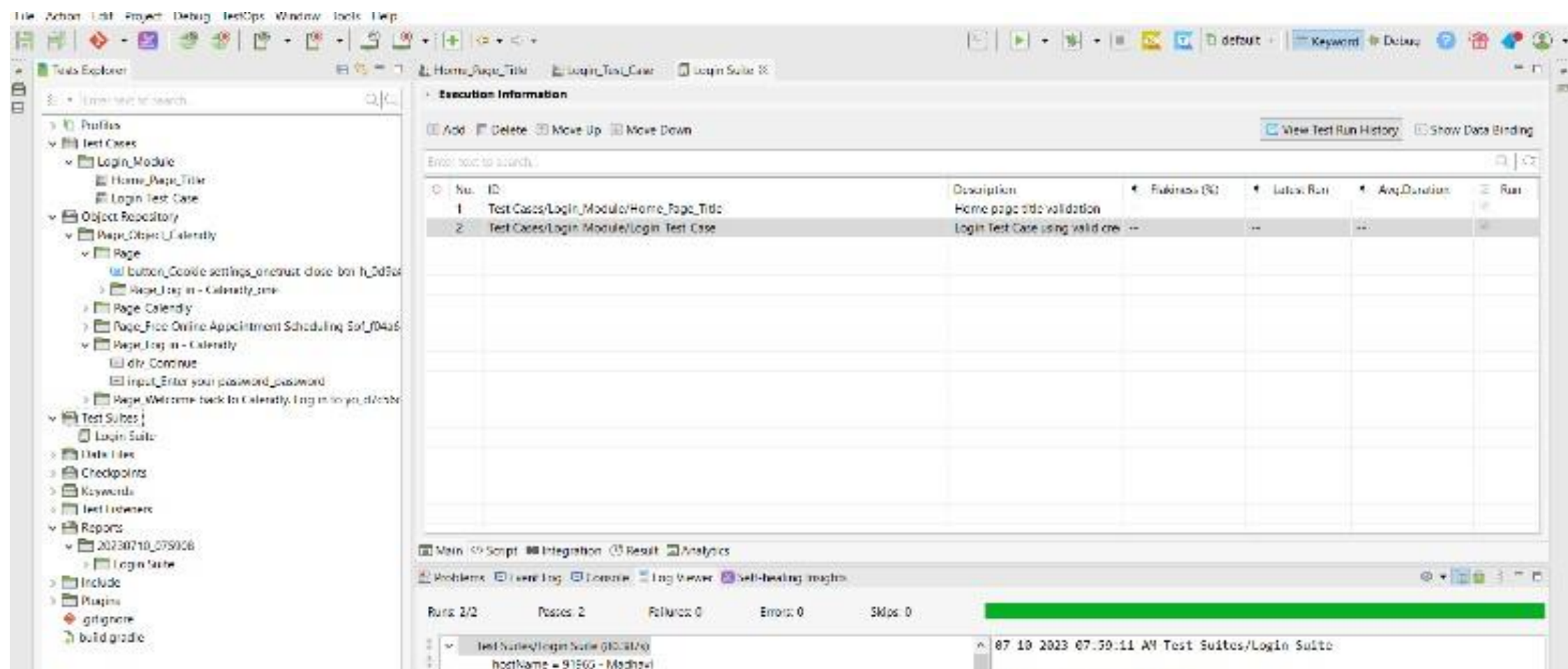
Run:- Option to run all the test cases from the top quick aces toolbar.

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 test cases as per Manual test cases prepared.

Include best practices for writing maintainable and readable test cases.

Milestone 3: [Running Tests](#)

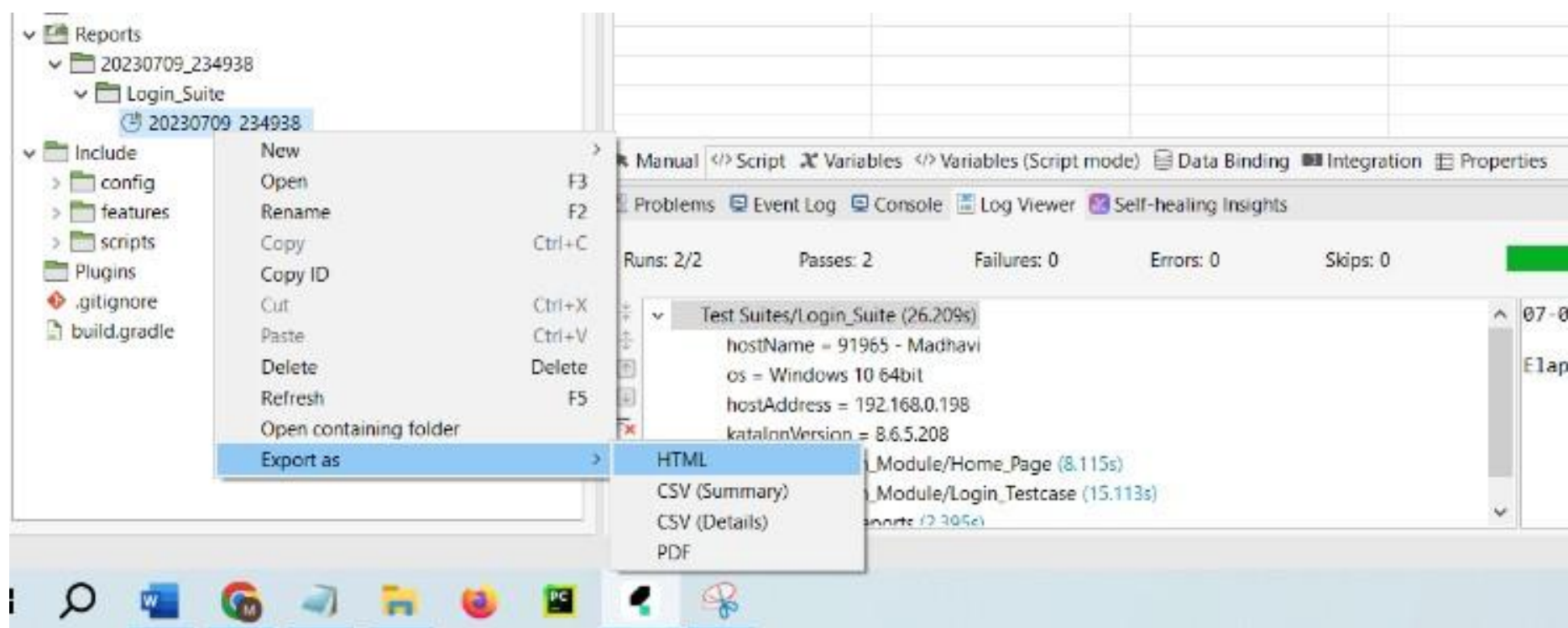
Explained how to run the test cases using Katalon studio. Include information about command-line and flags that can be used to customize test execution.

Activity 1:- Option to run all the test cases from the top quick access toolbar.

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	
<div> <div> TEST SUITE Login Suite Expand All </div> <div> 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 </div> </div>	
<div> <div> TEST CASE Test Cases/Login_Module/Home_Page_Title Expand All </div> <div> 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 07:59:28.104 / 00:00:14.204 Status: PASSED </div> <div> TEST STEP: openBrowser("") TEST STEP: navigateToUrl("https://calendly.com/") TEST STEP: maximizeWindow() TEST STEP: closeWindowTitle("Free Online Appointment Scheduling Software Calendly") TEST STEP: closeBrowser() </div> </div>	
<div> <div> TEST CASE Test Cases/Login_Module/Login_Test_Case Expand All </div> <div> 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 07:59:28.121 / 2023-07-10 08:00:27.103 / 00:01:00.982 </div> </div>	

Troubleshooting:

- **Check Your Internet Connection:** Ensure that you have a stable internet connection. Poor connectivity can lead to errors and delays while using Calendly.
- **Clear Browser Cache:** Sometimes, cached data can cause issues with Calendly. Clear your browser's cache and cookies to see if that resolves the problem.
- **Disable Browser Extensions:** Browser extensions or add-ons can interfere with Calendly's functionality. Try disabling any extensions temporarily to see if that resolves the issue.
- **Try a Different Browser:** If you are still experiencing issues, try using Calendly in a different web browser to see if the problem persists.

Advantages And Disadvantages:

Advantages of Calendly:

- **Time-saving:** Calendly eliminates the back-and-forth email exchanges to find a suitable meeting time. It allows participants to see your availability in real-time and book appointments accordingly.
- **Seamless integrations:** Calendly can be integrated with popular calendar platforms like Google Calendar, Outlook, and others.
- **Customizable availability:** Users can set specific time slots for appointments, including buffer times between meetings, and define rules for different event types.
- **Automatic reminders:** Calendly sends email notifications and reminders to all participants before the scheduled event, reducing the risk of missed appointments.
- **Team scheduling:** For businesses, Calendly's team scheduling feature allows multiple team members to share their availability and manage appointments collaboratively.

Disadvantages of Calendly:

- **Limited customization options:** While Calendly offers some level of customization, it may not fulfill all specific branding or design requirements of some businesses.
- **Sensitive information exposure:** Calendly displays the user's availability publicly, which might not be suitable for those who wish to keep their schedules private.
- **Time zone confusion:** While Calendly supports multiple time zones, participants might still make mistakes when booking appointments across different time zones.
- **Overbooking risks:** If not configured properly, there is a chance of double-booking or overlapping appointments, leading to scheduling conflicts.

Application:

- **Scheduling Meetings:** Calendly simplifies the process of setting up meetings between individuals or teams by automating the scheduling process. Instead of back-and-forth emails or calls, users can share their Calendly link, and invitees can choose a time slot that works best for them.
- **Interviews and Recruiting:** It's commonly used in HR and recruitment processes to schedule interviews with candidates. Recruiters or hiring managers can share their availability, and candidates can book interview slots accordingly.
- **Consultations and Coaching Sessions:** Professionals such as consultants, coaches, the rapists, or advisors can use Calendly to manage appointments with clients. They can define specific time slots for appointments and let clients book them directly.
- **Sales Calls and Demos:** Sales professionals often use Calendly to facilitate the process of setting up sales calls or product demos with potential clients. This enables a seamless and efficient way to connect with prospects.
- **Webinars and Events:** For hosting webinars, workshops, or other events, Calendly can help manage registrations and event scheduling. Participants can sign up for available time slots or RSVP for specific events.
- **Student and Academic Advising:** Educational institutions and advisors use Calendly to schedule advising sessions with students, helping them manage their availability and avoiding scheduling conflicts.

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.