Testenium
Meta Computing Platform

TESTENIUM TEST AUTOMATION PLATFORM

API TESTING

without installing any tools

Automate at scale on Cloud

Autoscaling in the cloud can ensure organizations always have resources

Speech to Code Generation

Transforms any information into a data code, which holds the entire content

Next Generation Encryption

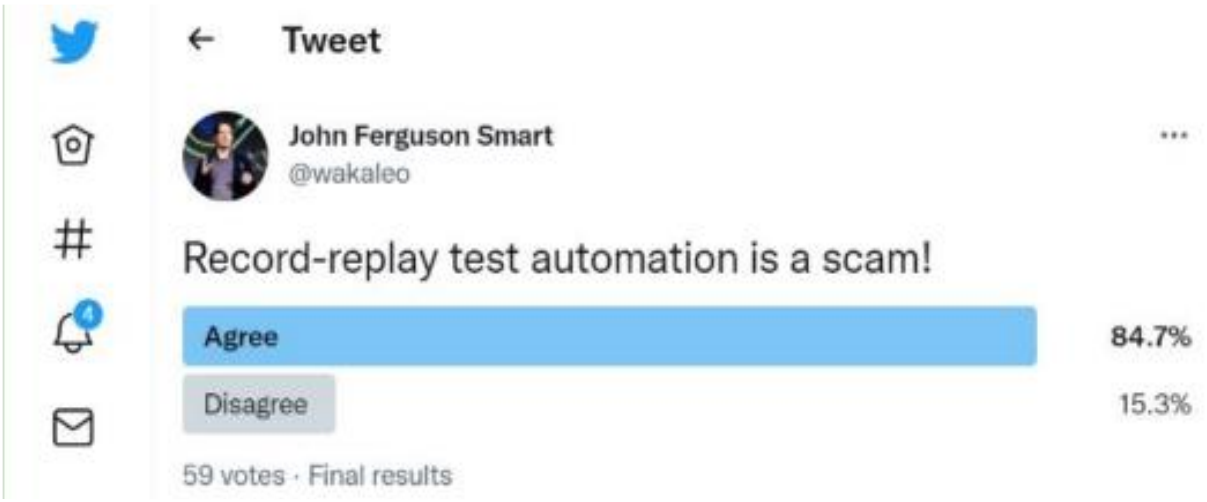
Provides users seamless experience to protect their documents easily

Problems with Test Automation

The industry is struggling to test applications without proper automation tools. Companies use improper testing tools such as record-replay, no-code/low-code and drag-and-drop. In software testing, the test engineer must prepare a test plan with expected results. For UI testing the elements' details must be provided by the developer to the test engineer to prepare a good test plan. Having got the test plan, the test engineer needs to prepare the test automation project and write the code.

Companies are spending a lot of time in writing the automation scripts, because the recording tools do not generate accurate automation scripts and will not find the wrong link text at all.

In fact, the record-replay test automation is rated as scam as per the following twitter post.



No-code/Low-code platforms also have many problems and are not good for test automation for the following reasons.

- **Lack of Customization:** Automation is processed in the background, leaving little to no opportunity for testers to modify the scripts.

- **Not REALLY Codeless:** Although scripts are created and structured automatically, instances can (and likely, will) arise that will require some manual coding. But it is impossible to modify the code as it is hidden. "**Codeless**" - This is misleading.
- **Maintainability is Challenging:** If tests weren't designed to be reusable or modular, issues could arise in maintainability as the number of tests is continuously growing, and the application is continually changing.
- **Interoperability Issues:** No codeless test automation solution is universal, with either platform dependency or interoperability issues between multiple browsers and software support, leading to unexpected outcomes.
- **Bugs & Glitches:** Although computer-generated, it is not infallible and improper coverage can lead to bugs and glitches in the script. If that script is reusable and modular, that could lead to the recorded script playing back incorrectly or invalid test results.

The Problems with Manual Coding

- Human programmers cannot write the code faster than computers.
- Human programmers make mistakes in coding, but TESTENIUM generates 100% accurate code faster
- User needs to install software and testing tools for manual coding, but no tools necessary with TESTENIUM and it generates code
- User needs powerful computers to execute test projects, TESTENIUM executes on scalable cloud server.
- Creating projects, adding dependencies and writing code is time consuming, hence expensive, but TESTENIUM does all these automatically.

SOLUTIONS BY TESTENIUM

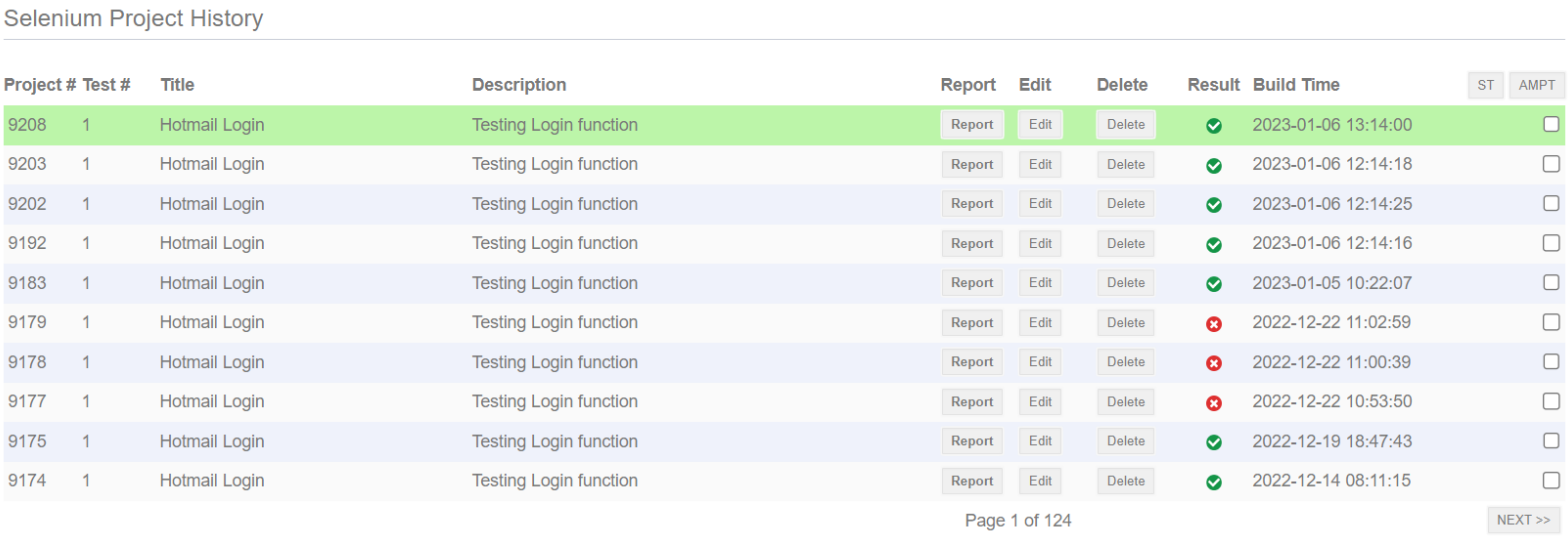
Considering the above problems, TESTENIUM has developed a meta-automation platform to automate the automation of software testing by generating code without installing tools or writing the automation scripts. TESTENIUM also generates code for encrypted (secure) database applications within a second.

When a user creates an account, TESTENIUM creates SQL Server database engines and Oracle database schema dynamically, so that the user can access them online to store, access and process data. Also, TESTENIUM will automatically configure the user as a database administrator. Normally, these procedures are done by human experts manually and repeatedly for every company and users. Hence, the industry spends a lot of money.

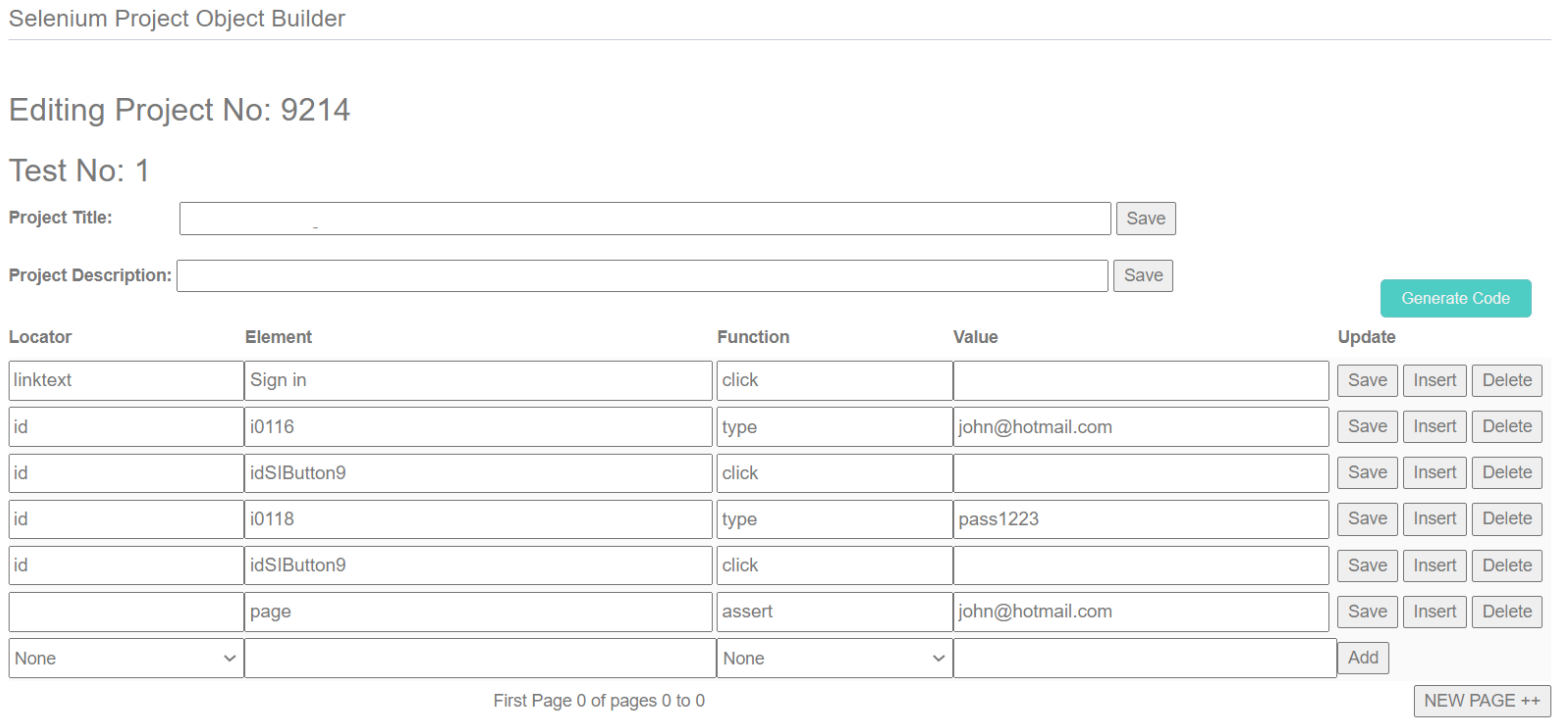
TESTENIUM platform has a meta-computing engine which generates code for various tasks such as test Automation, encryption, EXCEL comparison, and Blockchain testing. For UI and functional testing TESTENIUM generates code for Selenium, BDD, Microsoft Playwright, Cypress, TestCafe and Robot Framework.

PAGE OBJECT BUILDER

TESTENIUM has implemented a most innovative feature called **Page Object Builder (POB)** to generate the code for Selenium Page Object Model. Using POB, a user can easily provide the elements' details on the UI for any number of pages of the applications in a test automation project. The project also can be easily managed without integrating with third party test management tools like JIRA and version control system like GitHub. The table below shows all the projects in POB for user and allows the user to select a project previously executed, to view reports, edit the code or delete the project. Also, a user can select as many as projects to re-run them in parallel or in serial.



The following is a screenshot of editing the POB project.



Using the above module, a user can create any number of pages of a Selenium Page Object Model for a test automation project and generate test automation scripts. The module also allows the user to add, delete, insert, and save records of elements in a page.

The following screenshot shows the generated test automation scripts.

Home Page

```
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.How;
import org.openqa.selenium.interactions.*;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.OutputType;
import java.io.*;
import java.util.*;
import org.apache.commons.io.FileUtils;
public class HomePage {
    private WebDriver driver;
    private static String PAGE_URL="https://hotmail.com";
    private static int counter=0;
    private static int ecounter=0;
    private String fileName;
    private String fileNameHtml;
    private String errorMessage;
    private File scrFile;
    @FindBy(how = How.LINK_TEXT, using = "Sign in")
    private WebElement Page0;
```

Page 0

```
import org.openqa.selenium.By;
import org.openqa.selenium.Alert;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.interactions.*;
import org.openqa.selenium.support.How;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.OutputType;
import java.io.*;
import java.util.*;
import org.apache.commons.io.FileUtils;
import static org.junit.Assert.*;
public class Page0 {
    private WebDriver driver;
    private static int counter=1;
    private static int ecounter=0;
    private String fileName;
```

Test Code

```
import static org.junit.Assert.*;
import org.junit.*;
import java.util.regex.Pattern;
import java.util.concurrent.TimeUnit;
import java.util.*;
import org.openqa.selenium.TakesScreenshot;
import org.openqa.selenium.OutputType;
import videorecord.*;
import org.monte.screenrecorder.ScreenRecorder;
import java.io.*;
import org.apache.commons.io.FileUtils;
import static org.hamcrest.CoreMatchers.*;
import org.openqa.selenium.*;
import org.openqa.selenium.interactions.*;
import org.openqa.selenium.support.ui.Select;
import jxl.*;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.PageFactory;
public class test2 {
    private VideoRecord  videoRecord;
```

When the above project is executed on the cloud, the following reports will be generated.

Selenium Page Object Builder

Test Result

Project No: 9214 **Project Title:** WCC Form Filling
Project Description: Sign up for a Course
Test No: 13

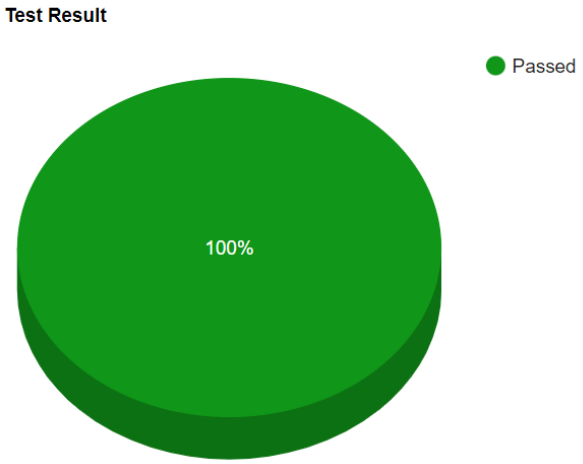
```
Testenium Power Engine Version 1.0.1
© Copyright 2014
.....
Test
.....

JUnit version 4.12
.
Time: 8.685
OK (1 test)
```

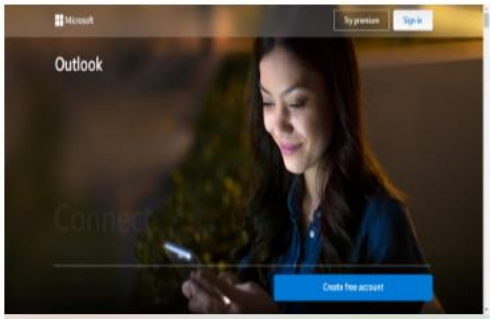
All Tasks [5]
Pass [5] : Fail [0]

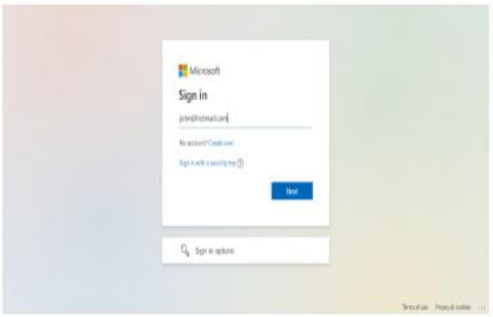
Download PDF Report

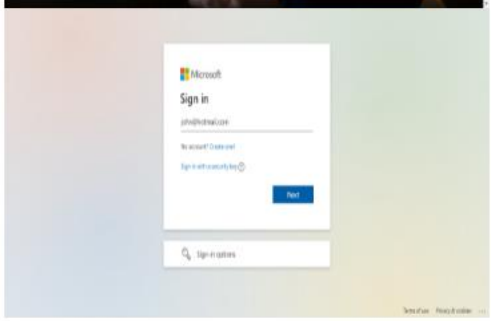
Overall Result

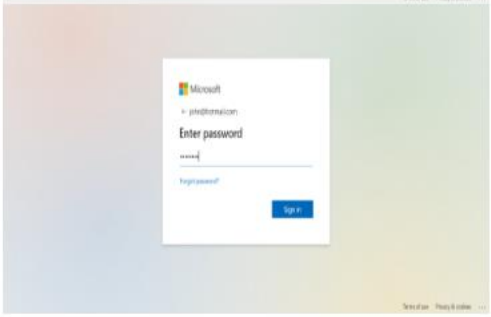


Screenshots









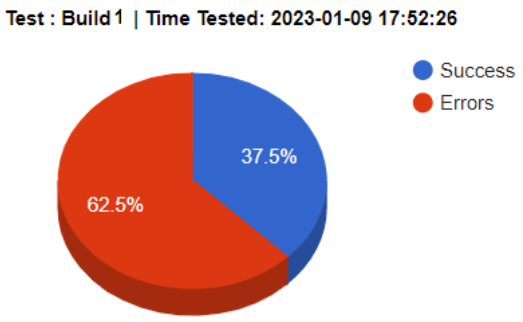
Exceptions

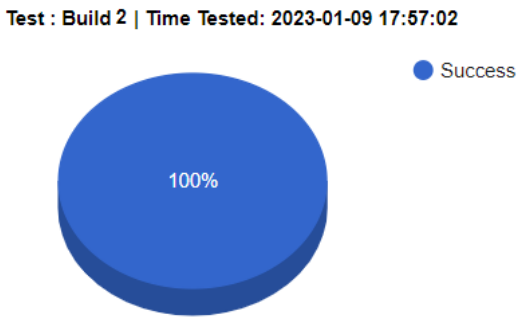
Pass / Fail Statistics

All Steps [5]
Pass [5]
Fail [0]

EDITING & RE-RUNNING THE PROJECT

Source code of the previously executed test automation project can be edited, and the test can be executed very easily in TESTENIUM. In this case, a next build version will be automatically created, and the results of both builds will be compared in a dashboard.





BLOCKCHAIN TEST AUTOMATION

Considering the problems in testing blockchain applications in the industry, TESTENIUM has developed a meta-automation platform to perform unit testing of Ethereum smart contract functions and code review of Blockchain applications.

A user can just upload a smart contract to perform unit testing and code coverage without installing any tool or writing test automation script.

Smart Contract Test Automation

New Project

Project No: 9232

Title:	Project 1	Description:	Hello World
Network ID	5777	Server:Port	HTTP://127.0.0.1:8585
Programming:	Solidity	TestNet:	Ganache

Contract Name:	HelloWorld
Input Value:	1
Expected Value:	Hello Universe

Note:(Modify the contract file. File will be saved automatically when you Click the 'Next Contract' Button and 'Test Contracts' Button)

Contract No:1

```
pragma solidity >=0.5.16;

contract HelloWorld {
    string private greeting;

    constructor() public {
        greeting = "Hello Universe";
    }

    function getGreeting() public view returns(string memory) {
        return greeting;
    }
}
```

Migration Report

```
Compiling your contracts...
===========================
> Compiling .\contracts\HelloWorld.sol
> Compiling .\contracts\Migrations.sol
> Artifacts written to C:\Users\arasaratnam\customers_010_9232\test_1\build\contracts
> Compiled successfully using:
- solc: 0.5.16+commit.9c3226ce.Emscripten.clang


Starting migrations...
======================
> Network name: 'development'
> Network id: 1673119295288
> Block gas limit: 30000000 (0x1c9c380)


1_initial_migration.js
======================

Deploying 'Migrations'
----------------------
> transaction hash: 0x1d132b5661eae67ec102e8367b223bf75d585ee88de547e3f10dc4f10ca25857
> Blocks: 0 Seconds: 0
> contract address: 0x26A2a2F62A4B0cCCf530d24F72285a2C68aE63E5
> block number: 25
> block timestamp: 1673331228
> account: 0xD6E479c72CB90ff88D4689BCDB4146202C97057F
> balance: 999.966104080498803411
> gas used: 193243 (0x2f2db)
> gas price: 2.539984761 gwei
> value sent: 0 ETH
> total cost: 0.000490834275169923 ETH

> Saving migration to chain.
> Saving artifacts
---------------------------------------
> Total cost: 0.000490834275169923 ETH


2_deploy_contract.js
====================

Deploying 'HelloWorld'
----------------------
> transaction hash: 0x577c3c1f4504ecbd75707fe482d436e217cec64a5e93e39bac4bdc9180325e1a
> Blocks: 0 Seconds: 0
> contract address: 0x8a28C25148A1b67165cb25B4faD4846A8c585650
> block number: 27
> block timestamp: 1673331228
> contract address: 0x8a28C25148A1b67165cb25B4faD4846A8c585650
> block number: 27
> block timestamp: 1673331228
> account: 0xD6E479c72CB90ff88D4689BCDB4146202C97057F
> balance: 999.965571918487051205
> gas used: 164467 (0x28273)
> gas price: 2.530683034 gwei
> value sent: 0 ETH
> total cost: 0.000416213846552878 ETH

> Saving migration to chain.
> Saving artifacts
---------------------------------------
> Total cost: 0.000416213846552878 ETH

Summary
=======
> Total deployments: 2
> Final cost: 0.000907048121722801 ETH
```

Test Result

92m 32m 1 passing90m (7s)

Smart Contract Coverage

0% Statements 0/2 **100%** Branches 0/0 **0%** Functions 0/2 **0%** Lines 0/2

File		Statements		Branches		Functions		Lines	
HelloWorld.sol		0%	0/2	100%	0/0	0%	0/2	0%	

Code coverage

Code Analysis

```
1  pragma solidity >=0.5.16;
2
3  contract HelloWorld {
4      string private greeting;
5
6      constructor() public {
7          greeting = "Hello Universe";
8      }
9
10     function getGreeting() public view returns(string memory) {
11         return greeting;
12     }
13 }
14
```

Code coverage
generated by TESTENIUM LIMITED at Tue Jan 10 2023 06:43:00 GMT+0000 (Greenwich Mean Time)

REGRESSION TESTING

Whenever developers change or modify their software, even a small tweak can have unexpected consequences. **Regression Testing** is defined as a type of software testing to confirm that a recent program or code change has not adversely affected existing features. Regression Testing is nothing but a full or partial selection of already executed test cases that are re-executed to ensure existing functionalities work without errors. There are various ways a test case can be modified according to the changes in the applications. Also, number of related test cases can easily be grouped from the list of all the projects of a particular type and managed a regression packs. The following screenshot shows a number of regression packs created without much effort in TESTENIUM.

Selenium Project Regression Packs

Pack ID	Project #	Test #	Title	Description	Report	Edit	Delete	Result	Build Time
2	9202	1			Report	Edit	Delete	✓	2023-01-07 23:57:27
2	9216	1			Report	Edit	Delete	✓	2023-01-07 23:57:29
2	9217	1	Hotmail Login	Testing Login function	Report	Edit	Delete	✓	2023-01-07 23:57:24
1	9178	1			Report	Edit	Delete	✗	2023-01-07 23:50:08
1	9183	1			Report	Edit	Delete	✓	2023-01-07 23:49:22
1	9203	1			Report	Edit	Delete	✓	2023-01-07 23:49:20
0	9203	1			Report	Edit	Delete	✓	2023-01-07 23:49:20
0	9217	1	Hotmail Login	Testing Login function	Report	Edit	Delete	✓	2023-01-07 23:57:24

API TESTING

There are some tools in the industry for testing APIs. In some tools, handling the authentication/access token or authorization bearer token is much time-consuming and difficult. When the token is received, the user must copy and paste the token to another screen within a time limit. The user may be late for copying or make mistake in copying and pasting or set it not to expire.

TESTENIUM dynamically handles the authentication token or access token **on the server without any configuration by the user, and the user does not need to configure OR copy and paste at all**. Whereas POSTMAN or SOAP UI handle the token on the client. Hence, it is very secure and not time-consuming in TESTENIUM. Also, TESTENIUM can be extended for any other features which are not available at present in terms of API testing, if there is a requirement from the customers.

Also, the user needs to install the other tools such as SOAP UI or POSTMAN. For example, the following screenshots show the SoapUI installation and POSTMAN installation.

SoapUI Installation Guides

SoapUI is cross-platform, and can be used on either Windows, Mac or Linux/Unix, according to your needs and preferences. See the appropriate article for your environment:

Linux

Windows

Mac OS

Note: Before installing the open source version, make sure it suits your needs. The Reasons to go Pro page gives you an overview of Pro features.

POSTMAN installation.

Windows installation

```
powershell.exe -NoProfile -InputFormat None -ExecutionPolicy All-
Signed -Command "[System.Net.ServicePointManager]::SecurityProto-
col = 3072; iex ((New-Object System.Net.WebClient).Down-
loadString('https://dl-cli.pstmn.io/install/win64.ps1'))"
```

Mac (Apple chip) installation

```
curl -o- "https://dl-cli.pstmn.io/install/osx_arm64.sh" | sh
```

Mac (Intel) installation

```
curl -o- "https://dl-cli.pstmn.io/install/osx_64.sh" | sh
```

Linux installation

```
curl -o- "https://dl-cli.pstmn.io/install/linux64.sh" | sh
```

Using the Postman web app

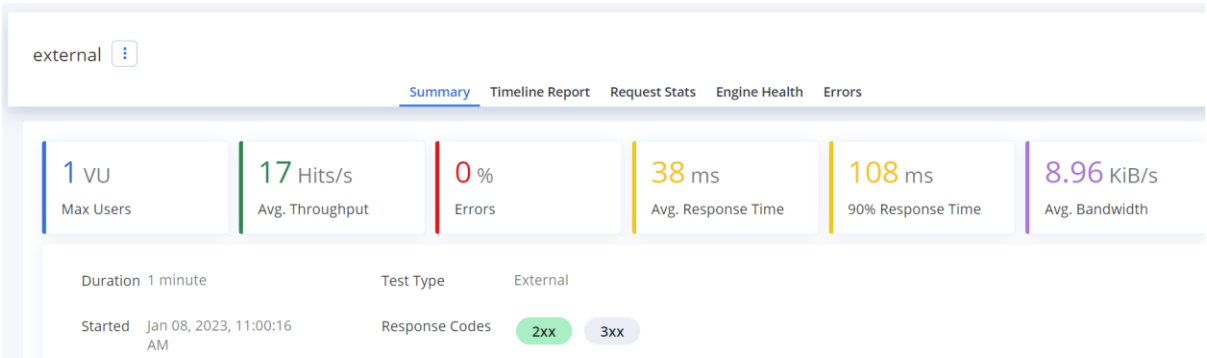
You can use Postman in your web browser to carry out your API development and testing tasks in conjunction with the Postman Agents. To access the Postman web app, visit go.postman.co/home.

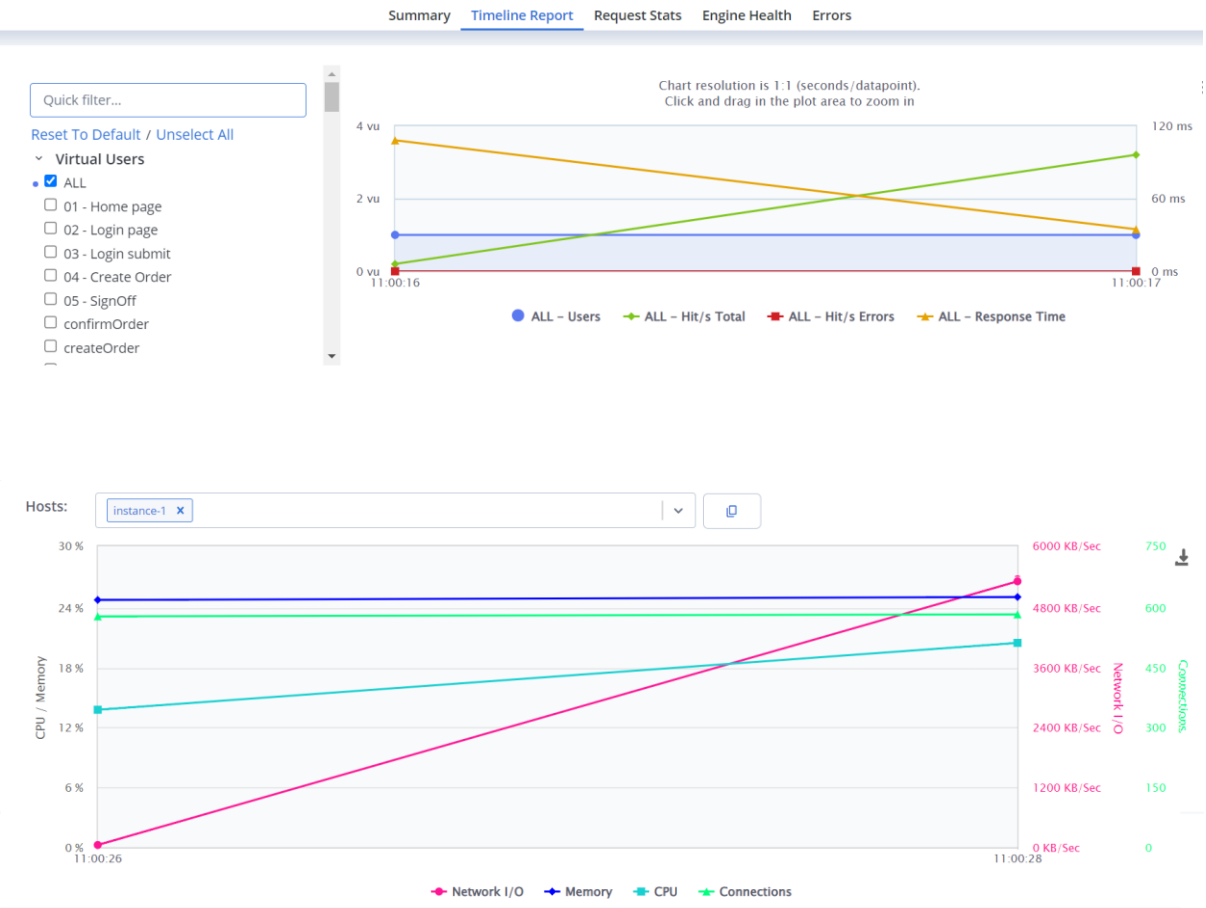
> If you are using the Postman web app, Postman recommends using the Postman Desktop Agent for the best experience. See About the Postman Agent for more information.

LOAD TESTING

Majority of the users run JMeter LOAD testing on laptops/client. Laptops/clients cannot perform better for LOAD testing due to lack of capacity and it can only support less than 10,000 virtual users. JMeter is recommended to create test project only, but not for executing the project on the Desktop/JMeter at all.

TESTENIUM assists users in executing the JMeter tests with JMX file on cloud/server with more virtual users and produces Blazemeter report, in addition to JMeter report.





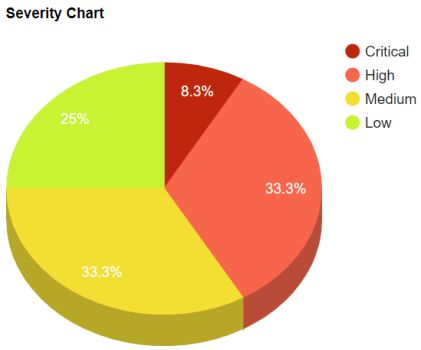
SECURITY TESTING

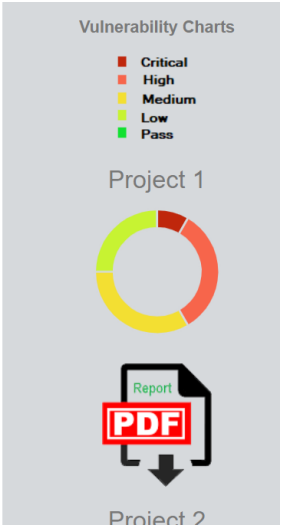
Application security testing (AST) is the process of making applications more resistant to security threats, by identifying security weaknesses and vulnerabilities in source code.

In TESTENIUM, a user can upload several projects together for scanning for vulnerabilities. TESTENIUM automatically performs all the steps, scans and produces reports with analytical graphs and with the remedy, without installing any tools.

Application Security Vulnerability Reports

Project 1





Issues to fix by upgrading:

Upgrade commons-io:commons-io@2.6 to commons-io:commons-io@2.7 to fix
✗ Directory Traversal [Medium Severity][https://security.snyk.io/vuln/SNYK-JAVA-COMMONSIO-1277109] in commons-io:commons-io@2.6
introduced by commons-io:commons-io@2.6

Upgrade org.json:json@20090211 to org.json:json@20180130 to fix
✗ Denial of Service (DoS) [High Severity][https://security.snyk.io/vuln/SNYK-JAVA-ORGJSON-2841369] in org.json:json@20090211
introduced by org.json:json@20090211

Upgrade org.seleniumhq.selenium:selenium-java@3.7.1 to org.seleniumhq.selenium:selenium-java@4.0.0 to fix
✗ Information Disclosure [Low Severity][https://security.snyk.io/vuln/SNYK-JAVA-COMGOOGLEGUAVA-1015415] in com.google.guava:guava@23.0
introduced by org.seleniumhq.selenium:selenium-java@3.7.1 > com.google.guava:guava@23.0
✗ Information Exposure [Low Severity][https://security.snyk.io/vuln/SNYK-JAVA-COMMONSCODEC-561518] in commons-codec:commons-codec@1.10
introduced by org.seleniumhq.selenium:selenium-java@3.7.1 > commons-codec:commons-codec@1.10
✗ Deserialization of Untrusted Data [Medium Severity][https://security.snyk.io/vuln/SNYK-JAVA-COMGOOGLECODEGSON-1730327] in com.google.code.gson:gson@2.8.2
introduced by org.seleniumhq.selenium:selenium-java@3.7.1 > com.google.code.gson:gson@2.8.2
✗ Deserialization of Untrusted Data [Medium Severity][https://security.snyk.io/vuln/SNYK-JAVA-COMGOOGLEGUAVA-32236] in com.google.guava:guava@23.0
introduced by org.seleniumhq.selenium:selenium-java@3.7.1 > com.google.guava:guava@23.0

CODE COVERAGE

Code coverage is a software testing metric that determines the number of lines of code that is successfully validated under a test procedure, which in turn, helps in analysing how comprehensively a software is verified.

With TESTENIUM, a user can simply upload the source code with unit tests to get the coverage report without installing any tools.

Coverage Report - com.example.simple_one.Simple

Classes in this File	Line Coverage	Branch Coverage	Complexity
Simple	61% 13/21	54% 12/22	5.33

```
1
2
3   package com.example.simple_one;
4
5   import java.util.Collection;
6   import java.util.Iterator;
7
8   import org.slf4j.Logger;
9   import org.slf4j.LoggerFactory;
10
11 3 public class Simple
12  {
13
14          private static final Logger logger = LoggerFactory.getLogger(Simple.class);
15
16          public int square(int x)
17          {
18 0                if (logger.isDebugEnabled())
19                  {
20                          logger.debug("x: " + x);
21                  }
22
23 3                int result = x * x;
24
25 0                if (logger.isDebugEnabled())
26                  {
27                          logger.debug("result: " + result);
28                  }
29
```

BEHAVIOUR DRIVEN DEVELOPMENT (BDD)

Behaviour Driven Development is a software development approach that allows the business analyst to create test cases using a feature file with Gherkin statements. The BDD frameworks such a cucumber, specflow and lettuce generate code partially for given Gherkin statements, but the test engineer must implement the methods.

In TESTENIUM a user can provide the BDD feature file by typing or dictating. Upon receiving the feature file, TESTENIUM platform will generate code 100% including the implementation of the methods automatically, saving time of trillions of test engineers. In fact, there is no need of programmers or test engineers at all when using TESTENIUM.

TESTENIUM supports the following features.

- *Creates test automation project, adds dependencies, generates 100% complete and accurate test automation scripts, and creates comprehensive reports*
- *Allows the user to manage the test automation project (Test Management)*

- *Allows the user to edit the code and re-run the project as a new version*
- *UI & Functional testing using SELENIUM (JAVA, C#, Python), Microsoft Playwright (JAVA, C#, Python, JavaScript, TypeScript) and Robot Framework.*
- *API testing with automatic authentication token management*
- *Accelerated Massive Parallel Testing (AMPT)*
- *Creates **regression pack** when projects are grouped for AMPT*
- *Implements methods for BDD in JAVA automatic*
- *Collaborative working environment*
- *Jenkins and CI/CD Pipeline integration*
- *Unlimited Virtual Users for LOAD testing and gets Blazemeter report*
- *Automatic Blockchain unit testing on Ganache (TestNet) and code coverage*
- *Application Security and penetration testing without manually configuring any tools. Scans multiple projects in one go.*
- *Compares two Excel files within a second without manually configuring any tools*
- *Automatically creates SQL Server database engine and Oracle schema online for every user and configures the user as a database administrator when creating a user account.*
- *Maintains encrypted source code for security, so that NO hacker will enjoy the code generated by the user*
- *Provides a built-in Page Object Builder to provide test automation requirement and generates code for SELENIUM*
- *Converts Voice to Gherkin for BDD Feature file and automatically implements automation scripts*
- *Encrypts and decrypts series of files automatically without key-management*
- *Generates code for Searchable Encrypted Database Applications within a SECOND using TAMIL Meta-programming language.*

Comparison with competitors

Unbeatable one-stop Test Automation Cloud platform for code generation, execution and test management

Features	Testenium	Lamdatest	Browserstack
Code Generation	✓	✗	✗
Speech to Code (Voice)	✓	✗	✗
Accelerated Massive Parallel Testing	✓	✗	✗
PDF Reports	✓	✓	✗
Automatic Project Creation	✓	✗	✗
Unlimited Projects on Cloud	✓	✗	✗
Execute Projects remotely	✓	✓	✓

Cross Browser Test Automation

TESTENIUM is the first and only Meta-computing based QAOps/testing platform in the world that provides online infrastructure to create test project, generate code and implements steps in BDD (Behavior Driven Development) and Page Object Model for Microsoft Playwright, Cypress and Selenium test automation in C#, Java, Python, JavaScript and TypeScript. TESTENIUM supports 100% online test databases (Oracle and SQL Server). With TESTENIUM you can test your code without any testing tools or programming language compilers installed in your computer. You can even use iPad, Tablet or Smartphones to generate code for BDD.

For Playwright, Cypress, BDD and Selenium test automation, you do not have to install and configure any testing tools in your computer. All the tasks such as creating the projects, editing projects, adding dependencies, access to database, executing the test and creating reports are done in the TESTENIUM server.

How much can be saved using TESTENIUM?

To automate testing projects companies need to have compilers, testing tools and libraries installed on the computer and then write automation scripts. In this case a computer must have powerful memory (at least 16 GB) to launch the IDE for writing code and executing the projects. This is same for even if a company connects to third party execution platforms such as BrowserStack, SauceLabs or LambdaTest. Writing test automation scripts takes a long time. Before writing the code, the test engineer needs to have all the elements' details in hand. These platforms only execute the projects created by the clients and charge fee for execution and reports. Whereas, TESTENIUM does not charge fee for execution at all. TESTENIUM charges fee for code generation only, because user does not need to write the code or use wrong recorders or no-code solutions.

To automate testing project using TESTENIUM, companies only need to have the elements' details in hand. The user can simply connect to TESTENIUM and enter the elements' details on a Page Object Builder of TESTENIUM or upload in Excel file. To do this the user does not have to have any compiler, testing tools or library installed on the computer. Therefore, time taken for installing the software and for writing the code is saved hugely. In our assessment from the previous customers, one user is enough to perform four test engineers' work.

Therefore, for an example, if a company spends $400,000 per year for 4 test engineers without using TESTENIUM platform, more than $300,000 can be saved by using TESTENIUM. Salary for a user of TESTENIUM can be less than the salary of a Test Engineer. Therefore, a company may save over 75% of the testing expenses.

As TESTENIUM grows and gains popularity and other improper tools lose reputation in the future, TESTENIUM will save around $25 billion per year of the testing expenses of the world.

Testenium Reviews from hSenid, Sri Lanka

From **Saraji Dhanushka**

To **Dr Aras Arasilango BSc (Hons), PhD, MISoBL <ceo@testenium.com>**

Date **Today 06:10**

We have written reviews for the Testenium tool based on our experience so far. Please refer to them below.

Testenium is one of the best test automation tool that we can use for various automation activities within one platform. Either functional or non-functional testing you are expecting to perform, it will be covered if you have Testenium. It is a far better, efficient tool for Automation testing I have ever seen. Our team started using Testenium a few months back, and the results are amazing..
(Saraji Dhanushka - Associate QA Lead, hSenid Business Solutions)

Testenium is an effective online automation platform for testing that can be used to login from a web browser without using other tools. I think using testenium we can reduce the time for writing the automation scripts manually and can do the execution faster than before. So I think it's a very effective and useful online automation platform for testing ever. Also I have worked with Dr Aras Arasilango quite some time and he is very helpful and an amazing person to work with.
(Uwini Nimaya - Quality Assurance Engineer, hSenid Business Solutions)

-- An innovative automation platform --
I would like to say that testenium is the most innovative automation platform in the market so far. It lets testers do all kinds of testing at one place. Before using Testenium we had to spend more time on setting up the environment, coding, executing. Testenium makes our lives easier. It saves most of our time on unnecessary work. I must mention the dedication of Dr. Aras. When we have an issue regarding the tool or any other testing issues, he connects with us without any delay and solves the problem. So I want to thank him in advance for his support and making our testing life easier.
(Hirushi Sedara - Quality Assurance Engineer, hSenid Business Solutions)

The Testenium is a good tool to test web Applications via Online Platform. Doesn't need any additional installations to add up to the computer system like any other Testing software tools. The Most advantageous part in the Testenium tool is API testing. It is the easiest API testing tool compared to the any other API tools I used to be worked with. And Selenium testing is also very quick and easy, compared to any other softwares. It is reducing lots of time for scripting and executions rather than before.
Can recommend this online platform Automation tool for anyone. I think this is the best tool for online Automation testing. And also Big Thank you for the Supportive and Helpful person Dr. Aras Arasilango who supported us all the time regarding issues along with the Testenium tool and any other testing issues.
(Hansani Gunasekara - Associate Quality Assurance Engineer, hSenid Business Solutions)

Thank You,
Best regards,

Saraji Hewagamage
Associate QA Lead

hSenidBiz
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www.hSenidBiz.com

Technology Partners

Travancore Analytics

MEDIATRONIX PRIVATE LIMITED

Having experienced the benefit of saving money using TESTENIUM platform for test automation, companies have decided to setup out-sourcing business in partnership with TESTENIUM to deliver fastest re-turns to companies for less costs.

Business Development Partners

Global Frontiers

eXplarent

SRS Software Solutions

BGS Infotech -Make IT Innovative

Academic & Training Partners

Eastern University, Sri Lanka
கிழக்குப் பல்கலைக்கழகம், இலங்கை
නැගෙනහිර විශ්වවිද්යාලය, ශ්‍රී ලංකාව

CENTER FOR ADVANCED LEARNING AND DEVELOPMENT

One day workshop conducted for Eastern University, Sri Lanka by Dr Aras on 2nd Nov 2022

TESTENIUM has signed an MOU with Eastern University, Sri Lanka to offer MSc in Meta-computing and related topics. TESTENIUM is setting up the world's first meta-computing research lab at Eastern University, Sri Lanka.

Workshop on Platform for next-generation cybersecurity conducted at BMS Engineering College, Bangalore, India by Siva, Hari and Dr Aras

TESTENIUM has partnered with Centre for Advanced Learning & Development (CALD), India to offer training in next generation Cybersecurity and Full-stack Software Testing which includes the following levels.

- Manual Testing
- Test Automation with SELENIUM, BDD & Microsoft Playwright
- Meta-Automation with TESTENIUM

Next-generation Cybersecurity includes Encryption without Key-management. Multiple documents and files can be easily encrypted and decrypted by simply uploading to TESTENIUM platform.

Directors

Alun Jones QC

Chairman

alun.jones@testenium.com

Areas: Public Law, International Business Crime, Extradition, Data Protection Law

Dr Aras Arasilango BSc (Hons), PgD, PhD

Chief Executive Officer (CEO) / Founder

ceo@testenium.com

Areas: Artificial Intelligence, Cyber Security, Data Science, Machine Learning, Deep Learning, QA, BI, C#, JAVA, Python, PHP

Harikumar Santhibhavan

Chief Technology Officer

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Areas: 5G Cloud Native Development, Microservices, DevOps, Test Automation, AI-ML, Action centered leadership, Program management, Innovation & Change Management.

US Business news

Technology Elite Awards 2019

Testenium Limited

Most Innovative Online Test Automation Platform 2019 &

Best E-Commerce Software Testing Experts 2019

ceo@testenium.com

Thank you