

Test Case Execution via eZAutomate



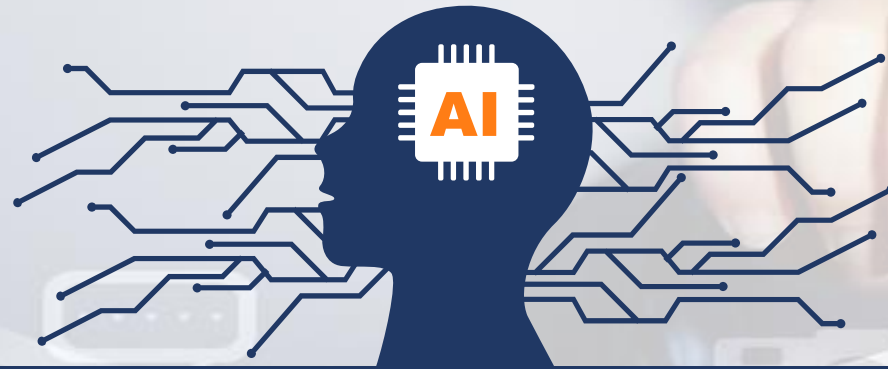
PRODUCT QUALITY



OPERATIONAL EFFICIENCY



TEST INFRASTRUCTURE UTILIZATION



Universal Technology Solutions



Pre-requisites

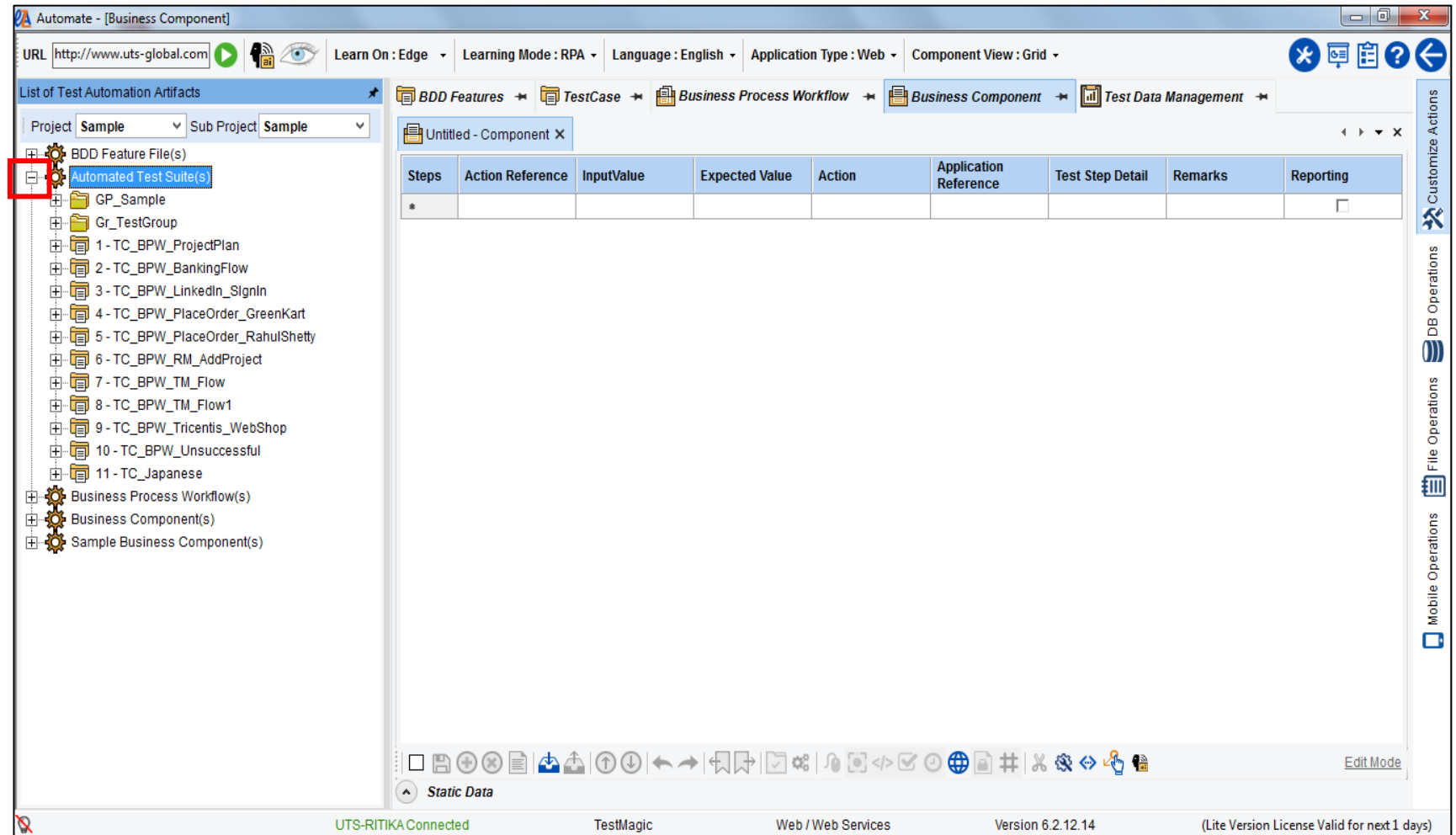
For understanding the Execution of Test Case, user must be clear with the following concepts:

1. Execution modes in eZAutomate.
2. Understanding of different Web Application controls and their attributes.
3. Basic knowledge on how to create Business Component, Business Process Workflow and Test Case



TestCase execution in eZAutomate

- Expand the **Automated Test Suite(s)** tree to display all the saved TestCases.

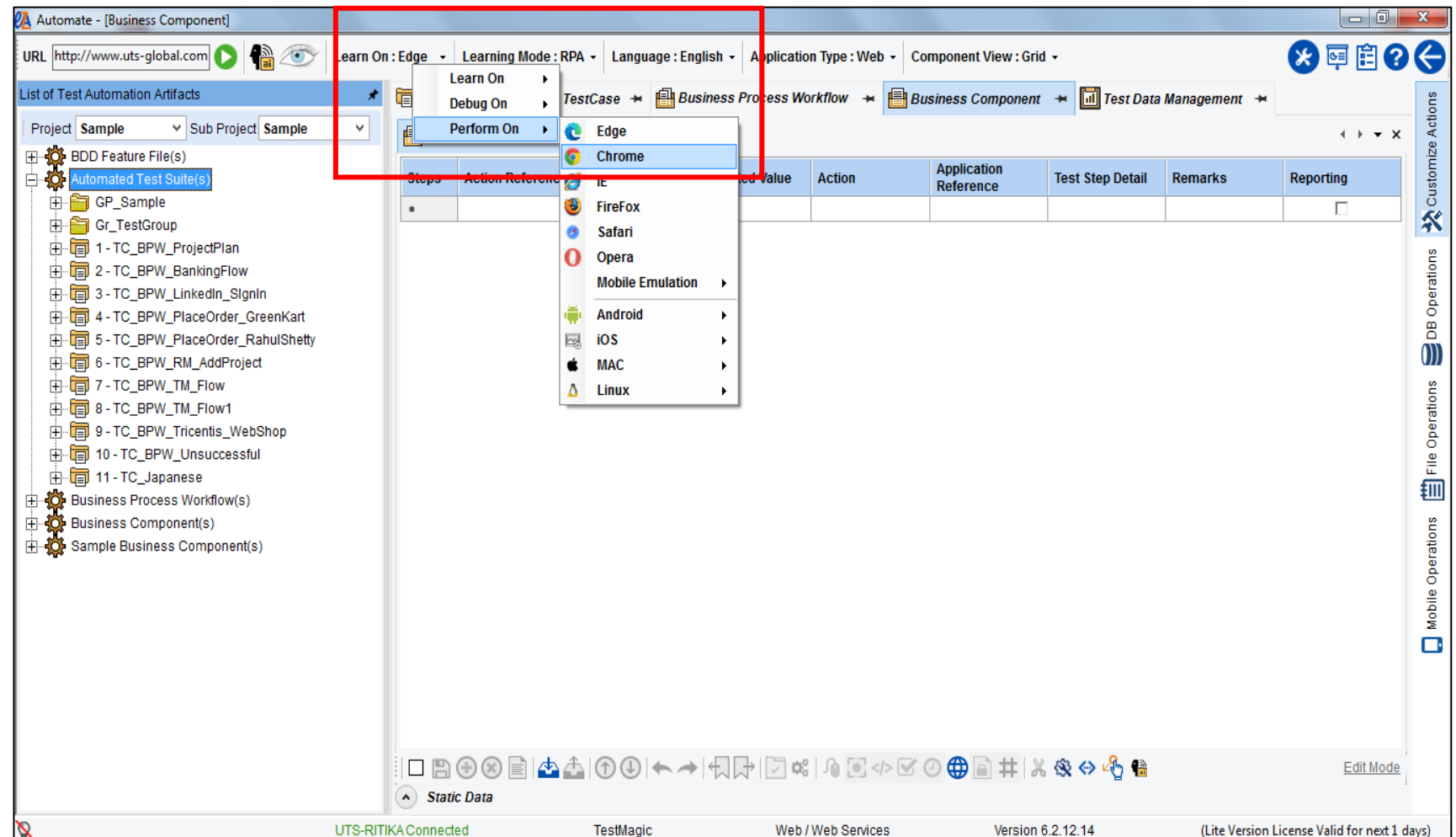


The screenshot shows the eZAutomate interface with the 'Automated Test Suite(s)' tree expanded in the left sidebar. The main window displays a table with the following columns: Steps, Action Reference, InputValue, Expected Value, Action, Application Reference, Test Step Detail, Remarks, and Reporting. The table is currently empty.

Steps	Action Reference	InputValue	Expected Value	Action	Application Reference	Test Step Detail	Remarks	Reporting
*								

TestCase execution in eZAutomate (contd.)

- Click on the **Learn On** button.
- Select **Perform On**.
- Select any browser to execute the TestCase.



TestCase execution in eZAutomate (contd.)

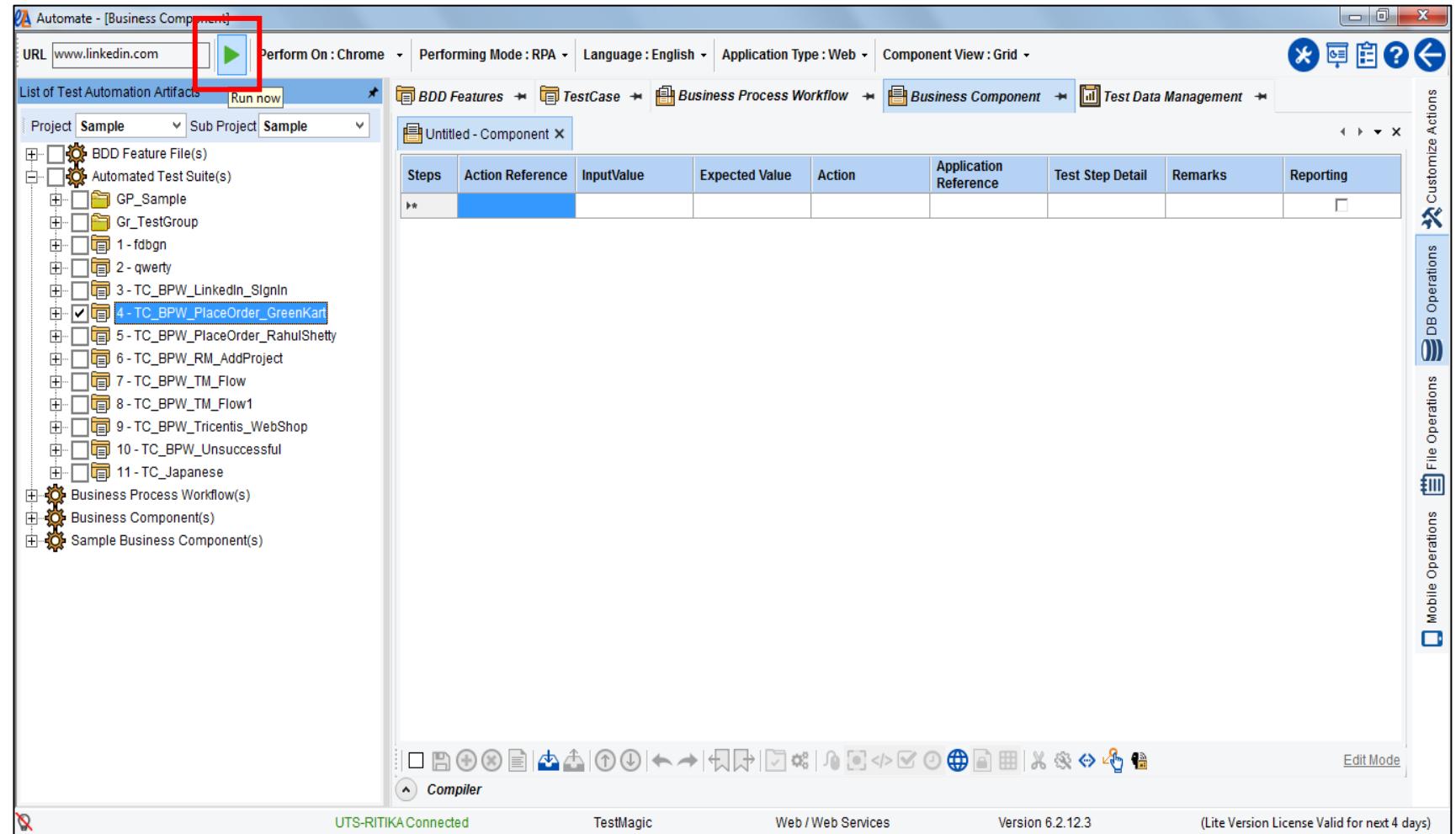
- Select the TestCase to execute.
- Multiple selection is allowed.

The screenshot displays the eZAutomate application window. The top bar shows the URL 'http://www.uts-global.com', 'Perform On: Chrome', 'Performing Mode: RPA', 'Language: English', 'Application Type: Web', and 'Component View: Grid'. The left sidebar, titled 'List of Test Automation Artifacts', shows a tree structure with 'Project: Sample' and 'Sub Project: Sample'. Under 'Automated Test Suite(s)', the item '3 - TC_BPW_LinkedIn_SignIn' is selected and highlighted with a red rectangle. The main area on the right shows a table with columns: Steps, Action Reference, InputValue, Expected Value, Action, Application Reference, Test Step Detail, Remarks, and Reporting. The table is currently empty. The bottom status bar indicates 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.14', and '(Lite Version License Valid for next 1 days)'.

Steps	Action Reference	InputValue	Expected Value	Action	Application Reference	Test Step Detail	Remarks	Reporting
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TestCase execution in eZAutomate (contd.)

- Click on **Run now** to start the execution of selected TestCase.



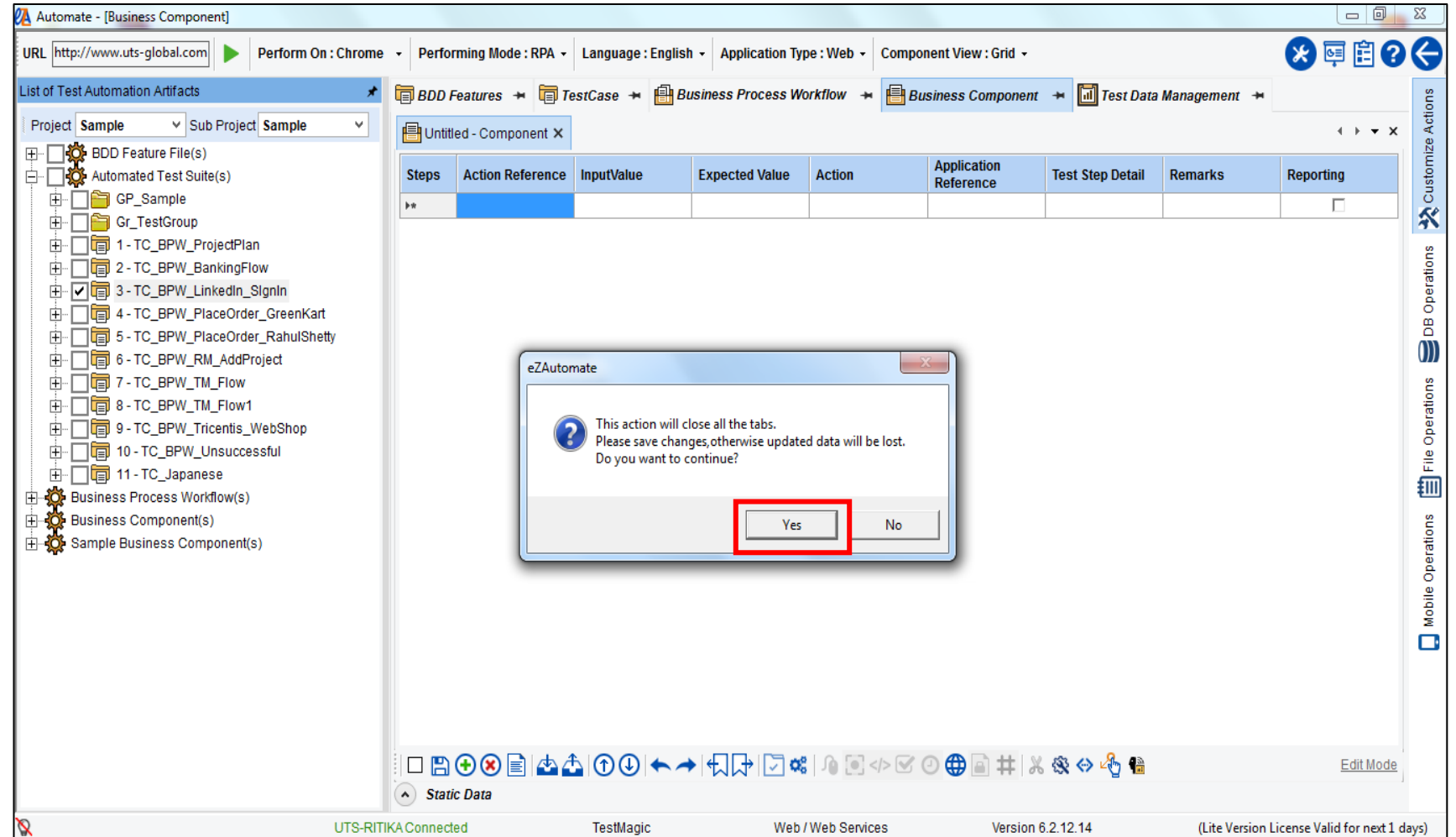
The screenshot displays the eZAutomate application window. The top bar shows the URL 'www.linkedin.com' and a 'Run now' button, which is highlighted with a red rectangle. Below the top bar, the 'List of Test Automation Artifacts' is visible, showing a tree structure of test cases. The selected test case is '4 - TC_BPW_PlaceOrder_GreenKart'. The right pane shows the 'Business Component' view with a table of test steps.

Steps	Action Reference	InputValue	Expected Value	Action	Application Reference	Test Step Detail	Remarks	Reporting
1								

The bottom status bar indicates 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and '(Lite Version License Valid for next 4 days)'.

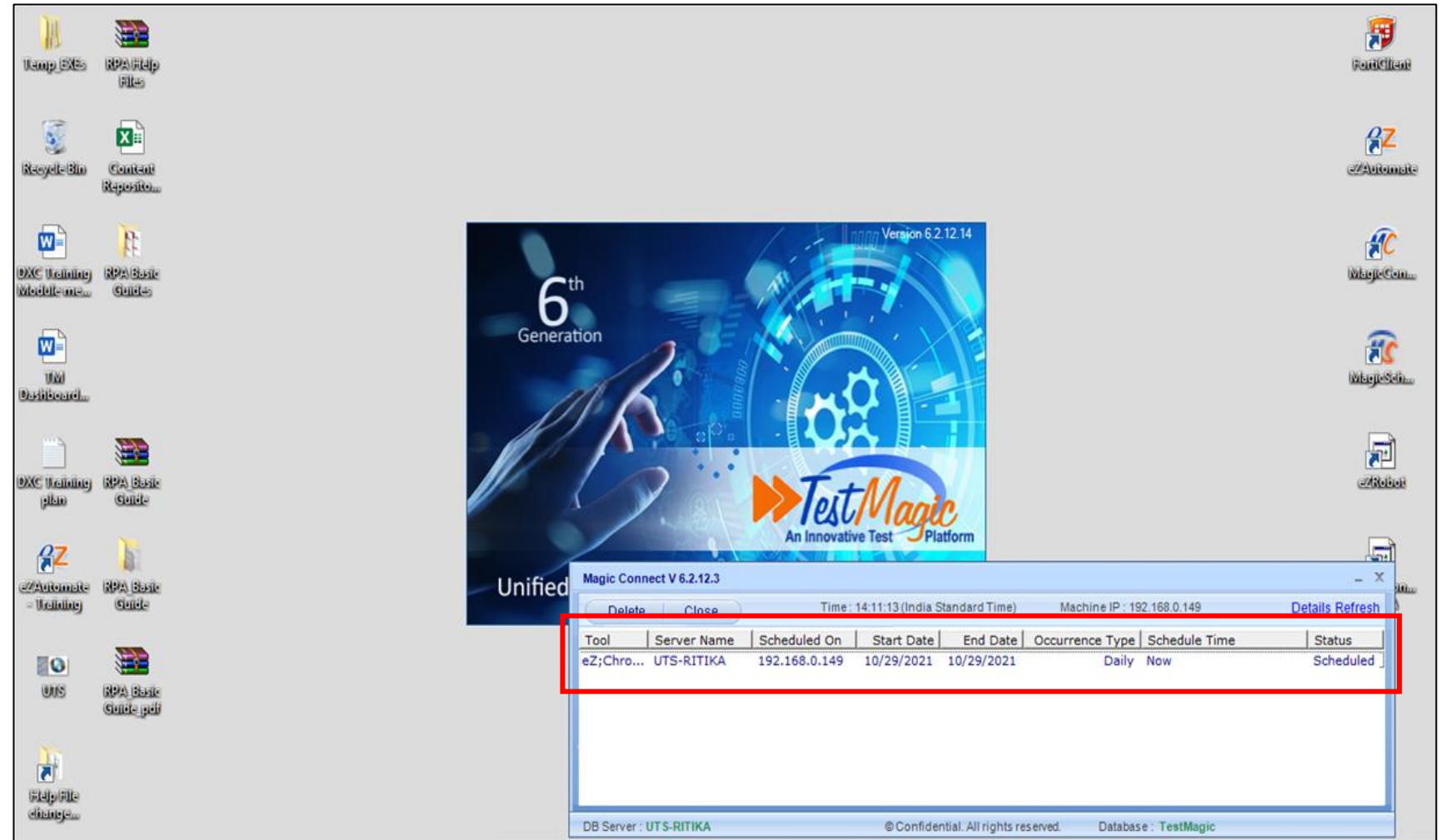
TestCase execution in eZAutomate (contd.)

- Click on **Yes** to continue the TestCase execution, eZAutomate will automatically closed.



TestCase execution in eZAutomate (contd.)

- **Magic Connect** will automatically open. Displaying the first entry as TestCase(s) under execution.
- eZAutomate will automatically open to execute the TestCase(s).



The screenshot shows a Windows desktop with various icons. The Magic Connect V 6.2.12.3 application window is open, displaying a table with the following data:

Tool	Server Name	Scheduled On	Start Date	End Date	Occurrence Type	Schedule Time	Status
eZ;Chro...	UTS-RITIKA	192.168.0.149	10/29/2021	10/29/2021	Daily	Now	Scheduled

The window also shows the following information:

- Version: 6.2.12.14
- 6th Generation
- Test Magic: An Innovative Test Platform
- Unified
- Time: 14:11:13 (India Standard Time)
- Machine IP: 192.168.0.149
- DB Server: UTS-RITIKA
- © Confidential. All rights reserved.
- Database: TestMagic

TestCase execution in eZAutomate (contd.)

- Execution will get started.
- All details will be displayed in the **Execution details section**.
- Execution Log will also get generated along with the execution.

The screenshot displays the eZAutomate TestMagic interface during a test execution. The main window is titled 'Automate - [TestMagic]' and shows the 'TestMagic Test Execution Summary' for the test case 'TC_BPW_LinkedIn_SignIn'. The summary includes details such as Magic Server (UTS-RITIKA), Business Process Workflow Name (BPW_LinkedIn), Business Component Name (BC_LinkedIn_SignUp (1 out of 1)), Iteration No (1), BPWRemarks (No remarks mentioned), and Browser (Chrome (RPA)).

Below the summary, a table lists the steps of the test execution:

Steps	Status	Action Reference	Input Value
1	✓	Current	https://in.linkedin.com/
2	✓	Join now	
3	✓	Email or phone number	9682607404
4	✓	Password (6 or more characters)	ritika@22
5	✓	Agree & Join	
6		First name	Ritika
7		Last name	Bharat
8		Continue	
9			https://in.linkedin.com/

A 'Run Log' window is open, showing the execution log for the test case. The log entries are as follows:

- 1: 10/28/2021 23:56:09>Performing action InvokeURL
- 2: 10/28/2021 23:56:21>Object Join now found
- 3: 10/28/2021 23:56:32>Object Email or phone number found
- 3: 10/28/2021 23:56:32>Performing action SetText on object Email or phone number
- 4: 10/28/2021 23:56:35>Finding ObjectPassword (6 or more characters)
- 4: 10/28/2021 23:56:35>Finding ObjectPassword (6 or more characters)
- 4: 10/28/2021 23:56:35>Object Password (6 or more characters) found
- 4: 10/28/2021 23:56:35>Performing action SetText on object Password (6 or more characters)
- 5: 10/28/2021 23:56:38>Object Agree & Join found
- 5: 10/28/2021 23:56:38>Performing action PerformClick on object Agree & Join

A browser window titled 'Sign Up | LinkedIn' is open, showing the LinkedIn sign-up page. The page includes fields for 'First name' and 'Last name', and a 'Continue' button. The browser address bar shows the URL 'linkedin.com/signup/cold-join?trk=guest_homepage-basic_nav...'. The browser window also displays the message 'Chrome is being controlled by automated test software.'

TestCase execution in eZAutomate (contd.)

- Right click on the TestCase and select **View Latest Report**.
- Latest TestCase execution report will be displayed.
- Select **View TestCase Report History** to view all the previous reports

The screenshot displays the eZAutomate application window titled 'Automate - [Business Component]'. The top navigation bar includes a URL field with 'http://www.uts-global.com', a 'Learn On : Edge' button, and various mode and language settings. The main interface is divided into a left sidebar, a central workspace, and a right sidebar. The left sidebar, 'List of Test Automation Artifacts', shows a tree structure with 'Project Sample' and 'Sub Project Sample'. Under 'Automated Test Suite(s)', several test cases are listed, including '3 - TC_BPW_LinkedIn_Signin', which is selected. A right-click context menu is open over this test case, with 'View Latest Report' highlighted. The central workspace shows a table with columns: Steps, Action Reference, InputValue, Expected Value, Action, Application Reference, Test Step Detail, Remarks, and Reporting. The right sidebar contains a 'Customize Actions' panel with icons for DB Operations, File Operations, and Mobile Operations. The bottom status bar shows 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.14', and a license notice.

Steps	Action Reference	InputValue	Expected Value	Action	Application Reference	Test Step Detail	Remarks	Reporting
**								<input type="checkbox"/>

TestCase execution in eZAutomate (contd.)

- Click on the respective **Status** link to view the report.
- If user selects **View TestCase Report History**, user can see all previous TestCase execution reports in **TestCase History Viewer**

The screenshot displays the eZAutomate application interface. The main window shows a list of test automation artifacts on the left and a central workspace. A 'TestCase History Viewer' window is open, displaying a table of test case execution history for the test case 'TC_BPW_LinkedIn_SignIn'.

Sr	Status	Start Date	End Date
1	Incomplete	10/29/2021 14:45:29	10/29/2021 14:46:04
2	Pass	10/29/2021 14:11:42	10/29/2021 14:12:23
3	Fail	10/29/2021 13:45:50	10/29/2021 13:46:28
4	Pass	10/28/2021 23:56:01	10/28/2021 23:57:21
5	Fail	08/18/2021 15:20:08	08/18/2021 15:21:07

The interface also shows a sidebar with a tree view of test artifacts, including BDD Feature File(s), Automated Test Suite(s), and Business Process Workflow(s). The bottom status bar indicates 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.14', and '(Lite Version License Valid for next 1 days)'.

TestCase execution in eZAutomate (contd.)

- **Test Case Execution Details** will be displayed as this.
- Expand the report from here.

The screenshot displays the eZAutomate interface with a modal window titled "Test Case Execution Details - Project: Sample, Sub Project: Sample". The modal shows the following information:

- User: ritika.bharat | Machine: UTS-RITIKA | Browser: Chrome
- Start Time: 10/29/2021 14:11:42 | Application Build: 1.1 | Test Cycle: TestCycle1 | Language: English
- End Time: 10/29/2021 14:12:23 | Platform Build: Test | Module: Sample | Execution Mode: rpa
- Total Time: 00:00:41 | Remarks:
- Test Case Name: TC_BPW_LinkedIn_SignIn | Status: **PASS**
- +PASS BPW_LinkedIn (Pass BC: 1, Fail BC: 0)

The modal also includes checkboxes for "Business Flow Steps", "Verification Steps (CheckPoint)", "Pass Steps", "Fail Steps", and "Expand All". The background interface shows a list of test automation artifacts and a table with columns: Steps, Action Reference, Input Value, Expected Value, Action, Application, Test Step Detail, Remarks, and Reporting.

TestCase execution in eZAutomate (contd.)

- Report of passed execution.

Note: Status is **PASS** when every step in the flow is performed.


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TestCase execution in eZAutomate (contd.)

- Report of failed execution.

Note: Status is **Fail**, when any step in the flow is not successful.

- Check the screenshot of the AUT where the execution failed.



Test Case Execution Details

Project: Sample, Sub Project: Sample

User: ritika.bharat | Machine: UTS-RITIKA | Browser: Chrome

☒ Business Flow Steps
 ☒ Verification Steps (CheckPoint)
 ☒ Pass Steps
 ☒ Fail Steps
 ☐ Expand All

Start Time: 10/29/2021 13:45:50

End Time: 10/29/2021 13:46:28

Total Time: 00:00:38

Application Build: 1.1

Platform Build: Test

Remarks:

Test Cycle: TestCycle1

Module: Sample

Language: English

Execution Mode: rpa

Test Case Name:TC_BPW_LinkedIn_SignIn

Status: FAIL

- FAIL BPW_LinkedIn

- FAIL [1.1] [BC_LinkedIn_SignUp] Remarks: (Pass Step:8,Fail Step:1)

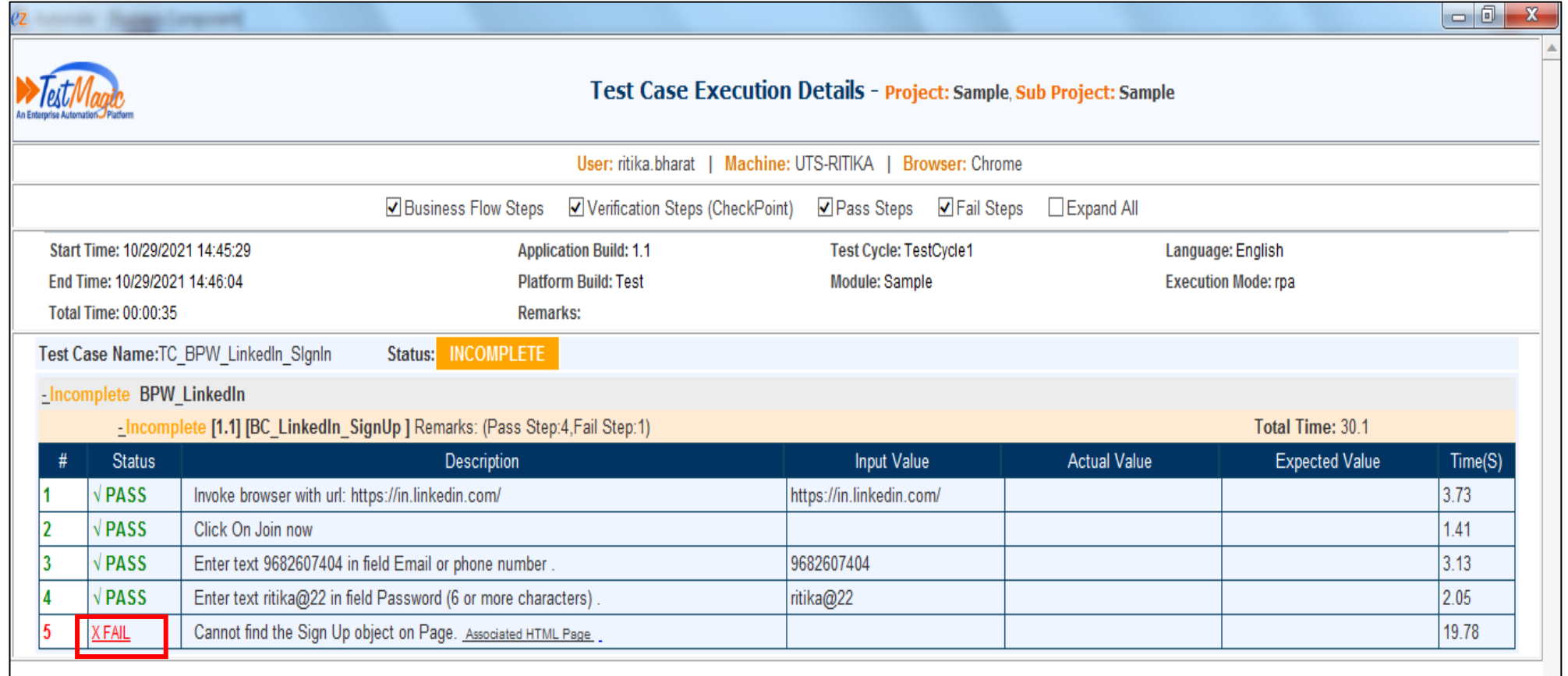
Total Time: 28.74

#	Status	Description	Input Value	Actual Value	Expected Value	Time(S)
1	✓ PASS	Invoke browser with url: https://in.linkedin.com/	https://in.linkedin.com/			3.01
2	✓ PASS	Click On Join now				2.02
3	✓ PASS	Enter text 9682607404 in field Email or phone number .	9682607404			3.11
4	✓ PASS	Enter text ritika@22 in field Password (6 or more characters) .	ritika@22			3.18
5	✓ PASS	Click On Agree & Join				1.13
6	✓ PASS	Enter text Ritika in field First name .	Ritika			0.94
7	✓ PASS	Enter text Bharat in field Last name .	Bharat			1.16
8	✓ PASS	Click On Continue				1.27
9	XFAIL	CloseBrowser -https://in.linkedin.com/ Associated HTML Page .				12.92

TestCase execution in eZAutomate (contd.)

- Report of incomplete execution.

Note: Execution is **Incomplete** when an object cannot be found on the AUT.



The screenshot displays the 'Test Case Execution Details' window for a project named 'Sample'. It shows execution parameters such as User (ritika.bharat), Machine (UTS-RITIKA), and Browser (Chrome). The test case 'TC_BPW_LinkedIn_SignIn' is marked as 'INCOMPLETE'. A summary row indicates the execution was incomplete at step 1.1 of the 'BC_LinkedIn_SignUp' test case, with a total time of 30.1 seconds. A detailed table follows, listing five steps: the first four passed, and the fifth failed because the system could not find the 'Sign Up' object on the page.

#	Status	Description	Input Value	Actual Value	Expected Value	Time(S)
1	✓ PASS	Invoke browser with url: https://in.linkedin.com/	https://in.linkedin.com/			3.73
2	✓ PASS	Click On Join now				1.41
3	✓ PASS	Enter text 9682607404 in field Email or phone number .	9682607404			3.13
4	✓ PASS	Enter text ritika@22 in field Password (6 or more characters) .	ritika@22			2.05
5	✗ FAIL	Cannot find the Sign Up object on Page. Associated HTML Page .				19.78

TestCase execution in eZAutomate (contd.)

- In Test Magic, observe the change in status for the executed TestCase.

The screenshot shows a Windows desktop environment. On the left side, there are several icons including 'Temp_EXEs', 'RPA Help Files', 'Recycle Bin', 'Content Repository...', 'DXC Training Module-mc...', 'RPA Basic Guides', 'TMI Dashboard...', 'DXC Training plan', 'eZAutomate - Training', 'RPA Basic Guide', 'UTS', 'RPA Basic Guide.pdf', and 'Help File change...'. On the right side, there are icons for 'FortClient', 'eZAutomate', 'MagicCon...', 'MagicSch...', and 'eZRobot'. In the bottom right corner, a window titled 'Magic Connect V 6.2.12.3' is open. This window displays a table with columns: Tool, Server Name, Scheduled On, Start Date, End Date, Occurrence Type, Schedule Time, and Status. The table contains one row of data. The 'Status' column for this row is highlighted with a red box and contains the text 'Executed'. Below the table, the status bar shows 'DB Server : UTS-RITIKA', '© Confidential. All rights reserved.', and 'Database : TestMagic'.

Tool	Server Name	Scheduled On	Start Date	End Date	Occurrence Type	Schedule Time	Status
eZ;Chro...	UTS-RITIKA	192.168.0.149	10/29/2021	10/29/2021	Daily	10/29/2021 13 Hr :46 Mn	Executed

Thank you for your time and patience



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by Innovating Possibilities**

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beyond the obvious...

For more information contact, testmagic@uts-global.com

