

Test Case Creation



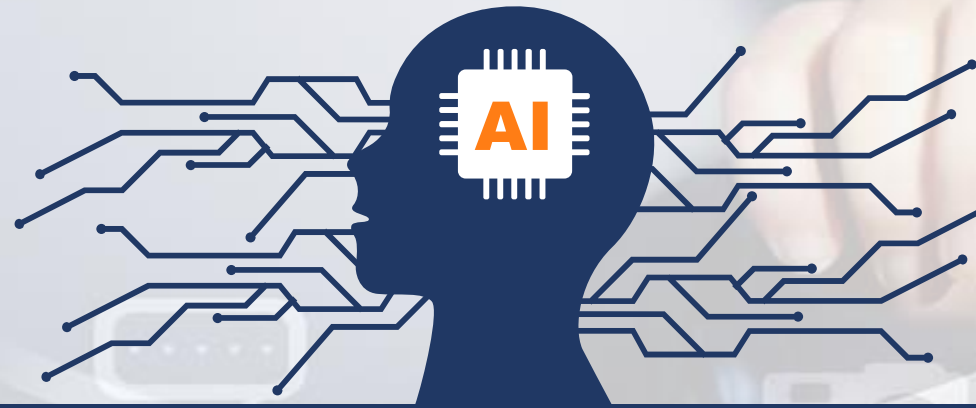
PRODUCT QUALITY



OPERATIONAL EFFICIENCY



TEST INFRASTRUCTURE UTILIZATION



Universal Technology Solutions



Pre-requisites

For understanding the creation of Test Cases, user must have knowledge of the following concepts:

- ❑ Conceptual Knowledge of,
 - BC (Business Component),
 - BPW (Business Process Workflow) and
 - TC (Test Case)
- ❑ Knowledge of, how to create BC and BPW



About TestCase

TestCase is the logical organization of BPW(s) to test a business flow.

TestCases(TC) can be created in two ways in eZAutomate,

1. [Create New Suite from a BPW:](#) Creating TestCase in relation with a particular BPW, where the TC will automatically carry the BPW name and the BPW.
2. [Create a blank TestCase from TestCase tab:](#) Creating a fresh new TestCase with no connections to BPW until user adds any BPW(s).

Note: The [process of filling TestCase attributes](#) is same in both ways.

Tasks to perform before creating BCs

TestCase is created with a good understanding the following task. Regular practice of the following task is recommended for the effective creation of test case.

- User must be well-versed with eZAutomate screen terminology.
- Browser cache must be cleaned.
- Temporary files must be deleted from the machine.

Note: Upcoming slides will showcase how to create TestCase for a Web Application, the same approach can be followed while creating TestCases for other type of applications.

TestCase creation in eZAutomate

- Select **Functional** testing type.



TestCase creation in eZAutomate (contd.)

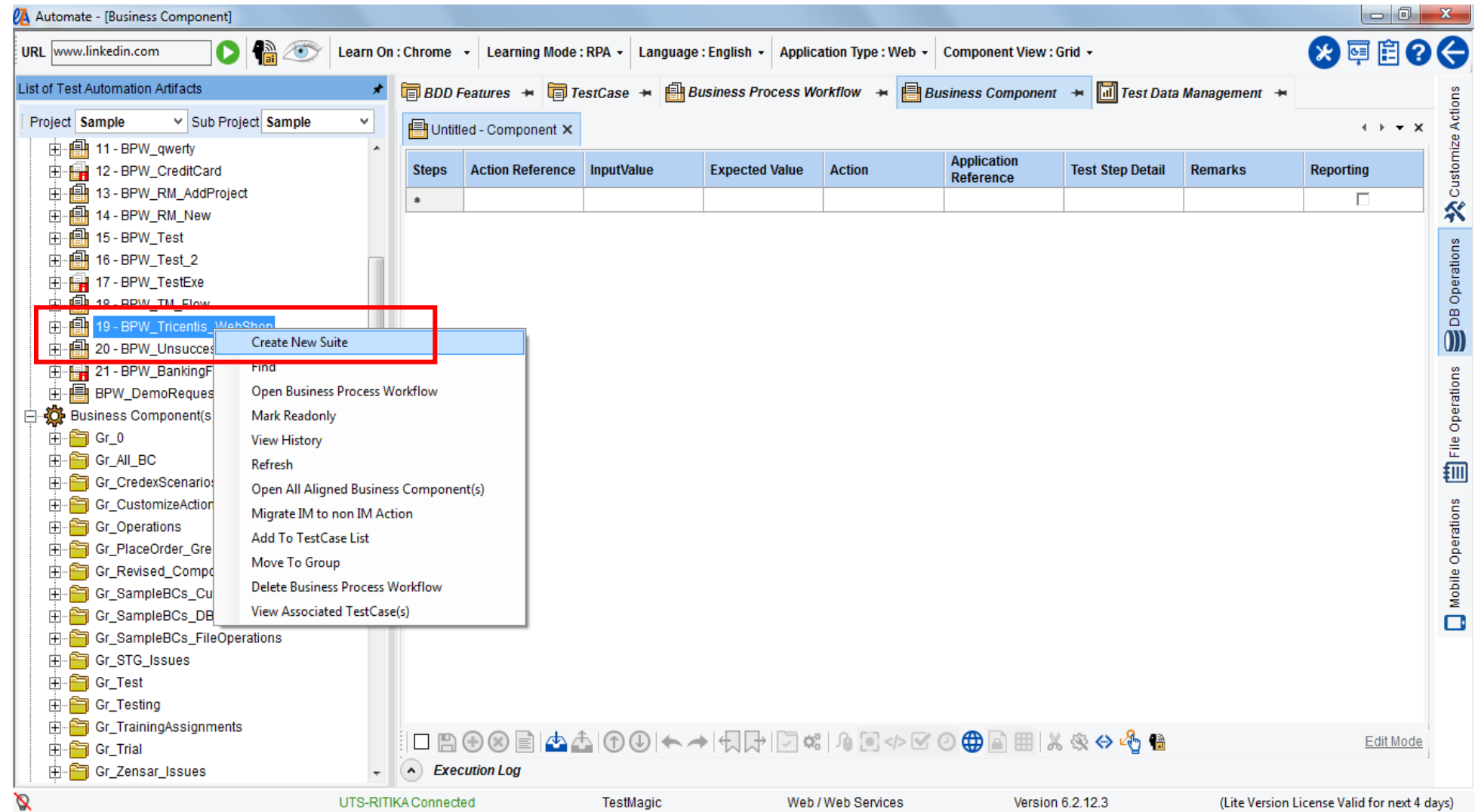
- Select **Web** module.



Create New Suite from a BPW

Create New Suite from a BPW:

- Right click on the BPW whose TestCase needs to be created.
- Click on **Create New Suite**.



Create New Suite from a BPW:

- Name of the TestCase in relation to the source BPW is automatically entered.

The screenshot shows the 'Automate - [TestCase]' application window. The left pane displays a tree view of test automation artifacts, including various BPW (Business Process Workflow) and Business Component(s) folders. The right pane is the configuration area for a new test case. The 'TestCase' tab is selected, and the 'TestCase' field is highlighted with a red box, showing the value 'TC_BPW_Tricentis_WebShop'. Other fields include 'User ID' (ritika.bharat), 'Language' (English), 'Test Environment or Platform Build' (Test), 'Execution Time (Max Minutes)' (Auto Update), 'Default Browser Name' (Default), 'Device Name' (Default), 'Requirement Number' (001), 'Test Cycle' (TestCycle1), and 'Capture Screenshot' (checked). A table at the bottom lists the Business Process Workflow (BPW) used: 'BPW_Tricentis_WebShop'. The status bar at the bottom indicates 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and '(Lite Version License Valid for next 4 days)'.

BPW Name	Version	Skip	Delete
BPW_Tricentis_WebShop		<input type="checkbox"/>	<input type="checkbox"/>



Create Blank TestCase

Create Blank TestCase

- Select **TestCase** tab.

The screenshot shows the Automate - [Business Component] interface. The top bar includes a URL field (www.linkedin.com), a play button, a microphone icon, and several dropdown menus: Learn On: Chrome, Learning Mode: RPA, Language: English, Application Type: Web, and Component View: Grid. Below the top bar is a breadcrumb navigation path: BDD Features > TestCase > Business Process Workflow > Business Component > Test Data Management. The 'TestCase' tab is highlighted with a red box. On the left, the 'List of Test Automation Artifacts' panel shows a tree structure with 'Sample' selected for both Project and Sub Project. The main area displays a table with the following columns: Steps, Action Reference, InputValue, Expected Value, Action, Application Reference, Test Step Detail, Remarks, and Reporting. The table has one row with an asterisk in the 'Steps' column. The bottom status bar shows 'Execution Log', 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and '(Lite Version License Valid for next 4 days)'.

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

Process of filling TestCase/Suite attributes

Process of filling TestCase/Suite attributes

- Enter the required details for the creation of Test Suite, like below.
- Enter the TestCase name.
- Select **Module** if already exists or else click on the **Module** link to create new module.

The screenshot shows the 'Automate - [TestCase]' window. The top bar includes a URL field (www.linkedin.com), a play button, and various settings like 'Learn On: Chrome', 'Learning Mode: RPA', 'Language: English', 'Application Type: Web', and 'Component View: Grid'. Below this is a 'List of Test Automation Artifacts' section with a tree view showing 'Project: Sample' and 'Sub Project: Sample'. The main form area is divided into two columns. The left column contains fields for 'TestCase:' (with a red box around it), 'Module:' (with a red box around it), 'Application Build:', 'Priority:', 'Default Browser Name:', 'Requirement Number:', 'Test Case Group Name:', and 'Business Process Workflow:'. The right column contains fields for 'User ID:', 'Language:', 'Test Environment or Platform Build:', 'Execution Time (Max Minutes):' (with an 'Auto Update' checkbox), 'Device Name:', 'Test Cycle:', and a 'Capture Screenshot:' checkbox. At the bottom, there is a 'Remarks' field and a table for 'BPW Name' with columns for 'Version', 'Skip', and 'Delete'. The status bar at the bottom shows 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and '(Lite Version License Valid for next 4 days)'.

Process of filling TestCase/Suite attributes (contd.)

- Enter the new module name and click **Save**.

The screenshot displays the 'Automate - [TestCase]' application window. The interface includes a top navigation bar with various settings like URL, Learning Mode, and Application Type. A left sidebar shows a 'List of Test Automation Artifacts' with expandable sections for BDD Feature File(s), Automated Test Suite(s), Business Process Workflow(s), Business Component(s), and Sample Business Component(s). The main area is divided into two panes: 'BDD Features' and 'TestCase'. The 'TestCase' pane contains several input fields for attributes such as 'TestCase' (TC_ProjectPlan), 'Module' (Sample), 'Application Build', 'Priority', 'Default Browser Name' (Default), 'Requirement Number' (001), 'Test Case Group Name', 'Business Process Workflow', 'BPW Name', 'User ID' (ritika.bharat), 'Language' (English), 'Test Environment or Platform Build' (Test), 'Execution Time (Max Minutes)', 'Auto Update' checkbox, and 'Device Name'. A modal dialog titled 'Add Module' is open in the center, featuring a 'Module' input field and 'Save' and 'Cancel' buttons. The 'Save' button is highlighted with a red rectangle. At the bottom of the window, a status bar shows 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and a license notice: '(Lite Version License Valid for next 4 days)'.

Process of filling TestCase/Suite attributes (contd.)

- Enter **Application Build** number.
- Enter **Priority** for the TestCase.
- Select **Default Browser Name** from the list to specify the target browser.
- Select **Requirement Number** from the list if already exists or else click on **Requirement Number** link to create new requirement.

The screenshot shows the 'Automate - [TestCase]' window. The top bar includes a URL field (www.linkedin.com), a play button, a monitor icon, and tabs for 'Learn On : Chrome', 'Learning Mode : RPA', 'Language : English', 'Application Type : Web', and 'Component View : Grid'. Below this is a breadcrumb navigation: 'List of Test Automation Artifacts' > 'BDD Features' > 'TestCase' > 'Business Process Workflow' > 'Business Component' > 'Test Data Management'. The left sidebar shows a tree view with 'Project Sample' and 'Sub Project Sample'. The main form contains the following fields:

- TestCase :** TC_ProjectPlan
- Module :** Sample
- Application Build :** 1.1 (highlighted with a red box)
- Priority :** (empty)
- Default Browser Name :** Default
- Requirement Number :** 001
- Test Case Group Name :** (empty)
- User ID :** ritika.bharat
- Language :** English
- Test Environment or Platform Build :** Test
- Execution Time (Max Minutes) :** (empty) with an 'Auto Update' checkbox.
- Device Name :** Default
- Test Cycle :** TestCycle1
- Business Process Workflow :** A table with columns 'BPW Name', 'Version', 'Skip', and 'Delete'. It is currently empty.
- Capture Screenshot :** Checked.
- Remarks :** (For adding BPW, please drag BPW from tree and drop above.)

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



Process of filling TestCase/Suite attributes (contd.)

- Enter the number of the requirement.
- Enter the name of the requirement.
- Enter the summary of the requirement.
- Enter description of the requirement.
- Enter the name of the author of the requirement.
- Enter the priority of the requirement.
- Select the testing type for the requirement.
- Attach requirement document if any.
- Enter remarks if any.
- Click on **Save**.

The screenshot displays the 'Automate - [TestCase]' application interface. The main window shows a 'List of Test Automation Artifacts' on the left with a tree view containing 'BDD Feature File(s)', 'Automated Test Suite(s)', 'Business Process Workflow(s)', 'Business Component(s)', and 'Sample Business Component(s)'. The main area is divided into two sections: 'TestCase' and 'User ID'. The 'TestCase' section includes fields for 'TC_ProjectPlan', 'Module' (set to 'Sample'), 'Application Build' (set to '1.1'), and 'Priority'. The 'User ID' section includes fields for 'User ID' (set to 'ritika.bharat'), 'Language' (set to 'English'), 'Test Environment or Platform Build' (set to 'Test'), and 'Execution Time (Max Minutes)' with an 'Auto Update' checkbox. An 'Add Requirement' dialog box is open in the foreground, containing the following fields: 'Requirement No' (112), 'Requirement Name' (Login flow), 'Requirement Summary' (Check successful login flow), 'Requirement Description' (Login with valid credentials), 'Author' (Ritika Bharat), 'Priority' (Medium), 'Type' (Functional), 'Version' (1.0), 'Attachment' (C:\Users\Ritika.Bharat\Docum...), and 'Remarks' (Try with atleast 10 enteries). The dialog box has 'Save' and 'Cancel' buttons. The bottom status bar shows 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and '(Lite Version License Valid for next 4 days)'.

Process of filling TestCase/Suite attributes (contd.)

- Select the **TestCase Group Name** from the list if already exists or else click on **TestCase Group Name** link to create new.
- Select **Language** from the list or add a new language for the TestCase.
- Select **Test Environment** from list if already exists or else click on **Test Environment / Platform Build** link to create new.
- Select **Device** if execution is to happen on any particular device or **Default** to use your machine on which eZAutomate is installed.
- Select **Test Cycle** or add new by clicking on **Test Cycle** link.

Note: The **User ID** gets automatically filled with the machine login name.

The screenshot displays the eZAutomate [TestCase] form. The top navigation bar includes fields for URL (www.linkedin.com), Learn On (Chrome), Learning Mode (RPA), Language (English), Application Type (Web), and Component View (Grid). The left sidebar shows a tree of Test Automation Artifacts with 'Sample' selected for both Project and Sub Project. The main form area contains several sections: 'TestCase' with fields for TC_ProjectPlan, Module (Sample), Application Build (1.1), Priority (High), Default Browser Name (IE), Requirement Number (112), and Test Case Group Name (Gr_TestGroup); 'User ID' (ritika.bhorat); 'Language' (English); 'Test Environment or Platform Build' (Test); 'Execution Time (Max Minutes)' with an 'Auto Update' checkbox; 'Device Name' (Default); 'Test Cycle' (TestCycle1); and a 'Capture Screenshot' checkbox. A table below the 'Test Cycle' field has columns for Version, Skip, and Delete. The bottom status bar shows 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and a license notice.



Process of filling TestCase/Suite attributes (contd.)

- Drag and drop BPW into the **Business Process Workflow** section in the main pane.
- Specify a particular version of a BPW that needs to be used in this TestCase, in the **Version** column. By default, it takes the latest version of the BPW.
- You can skip any BPW from the TestCase by selecting the **Skip** checkbox.
- User can delete any particular BPW from this TestCase by clicking on **Delete** button.
- You can change the order of the BPW by clicking on the up-down arrows.

The screenshot shows the Automate - [TestCase] interface. The left pane displays a tree view of Business Process Workflow (BPW) items. The right pane shows the configuration for a TestCase. The Business Process Workflow section is highlighted with a red box, containing a table with the following data:

BPW Name	Version	Skip	Delete
BPW_Tricentis_WebShop	Latest	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BPW_BankingFlow	Latest	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BPW_RM_AddProject	5	<input type="checkbox"/>	<input checked="" type="checkbox"/>

A red arrow points from the 'BPW_DemoRequesting' item in the left pane to the table. 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)'.



Process of filling TestCase/Suite attributes (contd.)

- Select the **Capture Screenshot** checkbox to capture screenshot during the execution.
- Enter the remarks, if any, in the **Remarks** section.
- After all the required fields are filled, click on **Save** button.

The screenshot shows the 'Automate - [TestCase]' window with the following configuration:

- URL:** www.linkedin.com
- Learn On:** Chrome
- Learning Mode:** RPA
- Language:** English
- Application Type:** Web
- Component View:** Grid
- List of Test Automation Artifacts:** Project: Sample, Sub Project: Sample. The list includes various BPW items like BPW_qwerty, BPW_CreditCard, BPW_RM_AddProject, etc.
- TestCase:** TC_ProjectPlan
- Module:** Sample
- Application Build:** 1.1
- Priority:** High
- Default Browser Name:** IE
- Requirement Number:** 112
- Test Case Group Name:** Gr_TestGroup
- Business Process Workflow:** A table with columns BPW Name, Version, Skip, and Delete. It lists BPW_Tridentis_WebShop, BPW_BankingFlow, and BPW_RM_AddProject.
- User ID:** ritika.bharat
- Language:** English
- Test Environment or Platform Build:** Test
- Execution Time (Max Minutes):** (Empty field with an 'Auto Update' checkbox)
- Device Name:** Default
- Test Cycle:** TestCycle1
- Capture Screenshot:** ☒
- Remarks:** (For adding BPW, please drag BPW from tree and drop above.)
Run this Test Case for multiple and varied data inputs.
- Save Button:** A blue icon with a floppy disk, highlighted with a red box.

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



Process of filling TestCase/Suite attributes (contd.)

- Successful save message appears. Click on **OK** button.

The screenshot shows the eZAutomate software interface. A modal dialog box titled 'eZAutomate' is displayed in the center, showing a message icon and the text 'Test Case saved successfully.' Below the message is an 'OK' button, which is highlighted with a red rectangle. The background window is the 'Test Case' configuration screen. It features a left sidebar with a tree view of test automation artifacts, including projects like '11 - BPW_qwerty' and '12 - BPW_CreditCard', and a 'Business Component(s)' section with various groups like 'Gr_0' and 'Gr_All_BC'. The main area contains fields for configuring a test case: 'TestCase' (TC_ProjectPlan), 'Module' (Sample), 'Application Build' (1.1), 'Priority' (High), 'Default Browser Name' (IE), 'Requirement Number' (112), 'Test Case Group Name' (Gr_TestGroup), 'Business Process Workflow' (BPW_RM_AddProject), 'User ID' (ritika.bharat), 'Language' (English), 'Test Environment or Platform Build' (Test), 'Execution Time (Max Minutes)' (Auto Update), 'Device Name' (Default), and 'Test Cycle'. A table at the bottom lists BPW Name, BPW_Tricentis_WebShop, BPW_BankingFlow, and BPW_RM_AddProject, with columns for 'Skip' and 'Delete'. The status bar at the bottom indicates 'UTS-RITIKA Connected', 'TestMagic', 'Web / Web Services', 'Version 6.2.12.3', and '(Lite Version License Valid for next 4 days)'.

Thank you for your time and patience



**Testing tomorrow's business
by Innovating Possibilities**

TestMagic
An Innovative Test Solution

eZAutomate
beyond the obvious...

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

