

Test Automation Engineering Fundamentals: Cucumber

Background and
Scenario Outline

**GROW
CONFI
DENTLY**

Scenarios

Feature: Test login

As a test engineer I want to verify that Login is working correctly

Scenario: Admin user enter correct data

Given user is on sign in page

When user enters "admin" in username field

And user enters "admin" in password field

Then "Welcome, admin" is seen

Scenario: Test user enter correct data

Given user is on sign in page

When user enters "user_A" in username field

And user enters "passw0rd" in password field

Then "Welcome, user_A" is seen

Background

Background in Cucumber is a concept that allows you to specify steps that are pre-requisite to all the scenarios in a given feature file.

Background:

Given user is on sign in page

Scenario: Admin user enter correct data

When user enters “admin” in username field

And user enters “admin” in password field

Then “Welcome, admin” is seen

Scenario: Test user enter correct data

When user enters “user_A” in username field

And user enters “passw0rd” in password field

Then “Welcome, user_A” is seen

Scenario Outline

Scenario outlines allow us to more concisely express these examples through the use of a template with placeholders, using Scenario Outline, Examples with tables and < > delimited parameters:

Background:

Given user is on sign in page

Scenario Outline: Admin user enter correct data

When user enters "<username>" in username field

And user enters "<password>" in password field

Then "Welcome, <username>" is seen

Examples:

| | |
|----------|----------|
| username | password |
| admin | admin |
| user_A | passw0rd |

Scenario Outline with tags

Background:

Given user is on sign in page

Scenario Outline: Admin user enter correct data

When user enters "<username>" in username field

And user enters "<password>" in password field

Then "Welcome, <username>" is seen

@regressionTest

Examples:

| | | | | |
|--|----------|--|----------|--|
| | username | | password | |
| | admin | | admin | |

@smokeTest

Examples:

| | | | | |
|--|----------|--|----------|--|
| | username | | password | |
| | user_A | | passw0rd | |

Scenario Outline with data tables

Scenario Outline: Filters on amazon search

Given I search on amazon for <item>

When I selects filters:

| | | | | |
|--|-----------|--|------------|--|
| | name | | value | |
| | <f1_name> | | <f1_value> | |
| | <f2_name> | | <f2_value> | |

Then I should see:

| | | |
|--|----------|--|
| | items | |
| | <result> | |

Examples:

| | | | | | | | | | | | | |
|--|------|--|-----------|--|----------|--|-------------|--|-----------|--|--------------------|--|
| | item | | f1_name | | f1_value | | f2_name | | f2_value | | result | |
| | book | | Condition | | New | | Book Format | | Hardcover | | The Magnolia Story | |
| | toys | | Game Type | | Action | | Brand | | Ideal | | Potato Electronic | |

QUESTIONS



Activity

- 1) Combine/create new scenarios outline based on the scenarios created during previous activity**