A computer screen with white text

Description automatically generated with low confidence

We can use whatever keyword (GIVEN, WHEN, THEN, AND, BUT) we want in feature file.

We can write all scenarios with one keyword only like we can write entire feature file using GIVEN, but not a good practice and not readable.

GIVEN mainly contains the pre-conditions for a test.

Then is to compare the actual output with expected output. Validation step. Testing step.

And/but can be used with given or when or then. When we want to write multiple conditions for (given or when or then) then use and/but. And is for positive statement, like, for example after “login” it should display “welcome naven”.

But is for negative case, for example, after login, it should show “welcome Naveen” but it should not show “sign in link”.

And/but does not have annotations.

# See this code below-

This is correct but so many given/when/THEN and sometimes difficult to read.

A screenshot of a computer

Description automatically generated with medium confidence

We can have any number of given, when, and, then, but in a single scenario.

Example, ONE GIVEN and TWO AND etc.

Better formatted code-

A close-up of a login screen

Description automatically generated with low confidence

# How to comment in feature file –

Select everything and press “Control + forward slash”.

In step def we won’t get annotations for AND/BUT, but we will be getting the annotation for GIVEN/WHEN/THEN with which the AND/BUT is associated-

Here AND is associated with GIVEN, hence GIVEN is the annotation.



A picture containing text, font, screenshot

Description automatically generated

One feature file should contain features related to that.

Example, “login.feature” will contain scenarios only related to login.

Every scenario within a feature file should be independent.

Every scenario will have a GIVEN, WHEN, THEN. [18.21]

# Sample feature file-

A screenshot of a computer

Description automatically generated with medium confidence

Sample step def created for the above feature-

A screenshot of a computer screen

Description automatically generated with low confidence

Run the feature and see output-

A screenshot of a computer

Description automatically generated with medium confidence

Selenium is just a library.

We can use cucumber for api, mobile, web, any product.

Cucumber is just bdd approach for testing.

# Advantage of all scenario being independent inside single feature file-

We can easily run in parallel.

Maintainenance is easy.

Readability is more.

If dependency is there, then parallel runs becomes difficult. This is because one thread may run tc1 , another thread may run tc2 which is dependent on tc1 and hence it will fail.