

# Create a Feature File



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## Create a Feature File

Feature files are human-readable documents that provide directions on conducting automated tests.

To create a feature file using Gherkin, follow the steps at right:

### Steps:

1. WRITE A FEATURE STATEMENT
2. ADD A PRECONDITION
3. ADD TEST RAIL/USER STORY IDS
4. INCLUDE THE SCENARIO
5. ADD TEST STATEMENTS/ACTION STEPS

## WRITE A FEATURE STATEMENT

Write a feature statement: a short description of the functionality to be included in the application.

Example:

```
1 Feature: User reopens an engagement from completed status to its previous status.
```

## ADD A PRECONDITION

If the test requires certain data to be created before it can be run, add a precondition: a clear statement that defines the requirements for the engagement to be tested.

Example:

```
1 Feature: User reopens an engagement from completed status to its previous status.
2
3 Precondition: Four Completed Engagements with four different statuses, one each to [published
```

## ADD TEST RAIL/USER STORY IDS

Add the test rail and user story IDs. The test rail ID identifies the feature file in TestRail, while the user story ID identifies it in Cucumber.

The test rail ID begins with a **C**, and the user story ID begins with **AS**. Each is preceded by an @ sign.

Example:

```
1 Feature: User reopens an engagement from completed status to its previous status.
2
3 Precondition: Four Completed Engagements with four different statuses, one each to [published
4
5 @C109104 @AS-10622 examples(1)(2)(3)
```

## INCLUDE THE SCENARIO

Include the scenario: a short description of the user's behavior in using the feature to be tested.

Example:

```
Scenario: '<userType>' '<fullname>' user in A-SCEND Demo Client selects Compliance Engagements tile
in homepage and is re-directed to the selected tiles dashboard. C109104 AS-10622 example(4)
```

```
1 Feature: User reopens an engagement from completed status to its previous status.
2
3 Precondition: Four Completed Engagements with four different statuses, one each to [published
4
5 @C109104 @AS-10622 examples(1)(2)(3)
6
7 Scenario: '<userType>' '<fullname>' user in A-SCEND Demo Client selects Compliance Engagements
```

### IDs and the scenario

At the end of the scenario, the test rail ID and user story ID are listed, without a preceding @ sign. That way, they can be read by the TestRail Reporter.

## Include a scenario outline

If the feature to be tested has multiple users with multiple roles, include a scenario outline instead of a scenario.

Example:

```
Scenario Outline: '<userType>' '<fullname>' user in A-SCEND Demo Client can see changes are saved
with navigation buttons in the Requests substep of a pending engagement. C1594 C1595 AS-1112
```

```
1 Feature: User reopens an engagement from completed status to its previous status.
```