Functional Test Cases

A functional test case assigns the testing of a function or feature in order to see if it produces the expected result.
Every new feature and function must be tested before release, and most need to be continuously tested.

For example, you might test a photo upload feature. When you add a photo, does it get added to the digital asset library? When you add a tag to that photo, does it get saved in the photo's metadata? When you later search that tag, does the photo you added to the tag appear in the digital asset library's search results?

Inexperienced testers might assume that testing features is the only kind of testing that exists, but QA pros know that there are many other types of testing such as performance, usability, and scalability. As a refresher, here's how functional testing differs from nonfunctional testing.

Examples of functional test cases

Here are some examples of functional test cases to help solidify what we've learned.

1. Assign a new task

Description: Add a new task and assign it to a user.
Preconditions: The user getting assigned should have email notifications turned on.
Steps:
1. Create two user profiles with email addresses.
2. Using one of the accounts, create a new task.
3. Assign that task to your other user account.
Expected result: The user should receive an email notification that they have been assigned to a task.

2. Download as JPG

Description: Download your design as a JPG file.
Preconditions: You should have added one item to the blank canvas and be logged in as a paying user.
Steps:

1. Login as a paying user.
2. Open a new canvas and add one headline or icon.
3. Download the image as JPG.
Expected result: You should be given 3 options for file size and resolution and then the file should download according to what you select.

3. Email reminder

Description: Notification to follow up via email with someone who doesn't respond.
Preconditions: You are signed in as a user with a Pro plan.
Steps:
1. Login as a user with a Pro plan.
2. Send an email to a test lead and select to send notification if no reply within 1 day.
3. Wait 1 day to receive the bell notification in your inbox.
Expected result: You will receive a bell notification in your email inbox.

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