The test plans should include specific test cases (user acceptance test cases) that describe the data and the user activity that will be executed in order to verify proper functionality of the feature.
The test plans should include a description of the test data that will be used to test the feature.
The test plans should include a description of the test environment that will be used to test the feature.
The test plans should include a description of the test results that will be used to test the feature.
The test plan should include information about the user acceptance testers.

Following other users feature and its acceptance criteria
1. Users can follow other users by looking up their username. The user being followed does not have to follow the original user back. This data will be stored in the followers database
    a. On the nav bar, there will be a "following" option which will display the usernames the user is following and just the photos uploaded by those usernames
2. Test data is valid and invalid usernames
3. The user activity that will be executed in order to verify proper functionality of the feature is the user typing in a username
    a. if user enters a valid username to follow, a message will appear that they have successfully followed them and that username will be added to the followers table associated with the original user
    b. If user enters username of someone they already follow, a message will appear that they are already following them
    c. If user enters invalid username then message will appear saying something like "user does not exist"
4. The test environment is the web application.
5. User acceptance testers should know this acceptance criteria and test accordingly, verifying that upon entering a valid username, this username should show up in the followers table

Photo Posting Feature and its acceptance criteria
1. Users will be able to post a photo to their account which will be stored in the database
    a. The photo is public (visible to everyone user)
    b. On the nav bar, there will be a "public" option which will display all the photos uploaded by every user
2. The user activity that will be executed in order to verify proper functionality of the feature is that the user will be able to click a button to upload an image (.jpg) from their computer, and if successful this image will display on the page and stored in the database
3. The test environment is the web application
4. The test results that will be used to test the feature are if a user uploads an unsupported file such as a pdf, they will be prompted with an error message saying to only upload images. The test result will be successful when the image displays on the page

5. User acceptance testers should know this acceptance criteria and test accordingly, verifying that the image actually uploads onto the page if successful, for example

Login/Registration Feature and its acceptance criteria
1. Users will be able to register a specific username and password that is linked to their account. This username and password will be added to a database, stored in users table in users_db database. They will then be able to log back into their account using that information.
2. Test data that'll be used to test the feature include invalid usernames and passwords on the login page and registering for an account with a username that already exists; in those cases users will be prompted with specific information about why their request was unsuccessful
3. The environment being used to test the feature is using the web application
4. The test results are: if user logins in successfully they are redirected to the home page. Else, they enter the registration page if the username they tried logging in w does not exist. Or they are prompted with something like "Incorrect username or password". If the user registers successfully they are redirected to the login page, else they stay on the registration page
5. User acceptance testers should know this acceptance criteria and test accordingly, verifying the results of each possibility