Homework Lesson 5

Angelika Kryvoruchenko

Level 1

1. Make a comparative table of the three types of test documentation:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |

Checklist

Main characteristics: a checklist is a catalog of items/tasks that are recorded for tracking. It's a set of ideas for testing, developing, planning, managing.It is used for tracking and assessing completion (or non-completion). To make a note of tasks, so that nothing is overlooked. It conforms three principles to work:

1. logic
2. coherence and structure
3. fullness and non redundancy

Advantages: It is versatile – can be used for anything, easy to create, it helps to analyze results( task progression, completion status), it is very flexible( you can add or remove items as needed)

Disadvantages: The significant feature of [checklists](https://qatestlab.com/pressroom/qa-testing-materials/what-is-checklist-based-testing/) is that they are normally not very specific, especially those high-level ones. For instance, a high-level functional checklist normally includes the main functions to be conducted by software, but the list points are barely detailed enough for software testers to begin a specific test run.

Test case: It's a case for bug checking a software solution. It always includes testing steps and expected results. Ideally a test case document contains a set of test data like preconditions,postconditions, actual results and expected results.

Advantages: It helps to structure and systemize testing approach, increase test coverage metrix by measuring, you follow your plan by tracking your current situation, you are able to perform regression and repeated testing, it fosters the communication between developers, clients and QA.

Disadvantages: Test cases can potentially limit the tester to a particular pathway through the test space, they dont always cover variations of testing, you have to change them with time according to pesticide paradox.

Use case: A use case is a list of actions taken by the actor while interacting with the system to achieve a goal. Here, an actor can be anyone who is using the system either human or any external system. Use cases are used to describe the functional requirements of the system.Functional requirements are written by the Business Analyst after the requirements gathering and analysis phase, and before the designing and coding phases. That is before the development team starts working on the system.

Advantages: use case testing type focuses on the user; testing is done from the user’s perspective, this testing type helps in covering all the possible flows that the actors are likely to take, it reduces the time involved in the test case design, the complexity of the test cases can be reduced as the testing team will follow paths or flows given in the use case document.

Disadvantages: if any flow or use case is missing in the use case document, it will also have an impact on the testing process, use cases cover only the functional requirements, use cases are written from the user’s perspective. There may be some scenarios in the system that are not from the user’s perspective, and they might not have been included in the use case document.

2. Make a checklist for testing the main page of your favorite online store

<https://www.asos.com/women/>

1. Successful login
2. Registration pass
3. Password reset
4. Add address ( positive test)
5. Add address ( negative test)
6. Add credit card ( positive test)
7. Add credit card ( negative test)
8. Check the search field only accepts

Level 2

Create 5 positive and 5 negative test cases to check the basic functionality of your favorite online store

1. Test case : Successful login

Steps: Expected Result:

1. Open page <https://www.asos.com/women/> 1. Asos homepage opens
2. Click on my account button 2. Account window opens
3. Click on sign in button 3. Email and password window opens
4. Enter email [angelika@gmail.com](mailto:angelika@gmail.com)
5. Enter password 12345
6. Click Sign in button 6. Asos mainpage opens

2. Test case: Registration pass

Steps: Expected results:

1. Open page <https://www.asos.com/women/> 1. Asos homepage opens
2. Click on my account button 2. Account window opens
3. Click on join button 3. Sign up window opens
4. Enter email angelika @gmail.com
5. Enter First name Angelika
6. Enter last name Kryvoruchenko
7. Enter password 12345
8. Enter date of birth 26 August 1995
9. Click Womenswear
10. Click button Join asos 10. Registration email should be sent
11. Go to email angelika@gmail.com
12. Open email from asos
13. Follow the email confirmation link 11. Registration confirmed page opens
14. Go to Asos homepage
15. Click on my account button 2. Account window opens
16. Click on sign in button 3. Email and password window opens
17. Enter email [angelika@gmail.com](mailto:angelika@gmail.com)
18. Enter password 12345
19. Click Sign in button 6. Asos mainpage opens

3. Test case Password reset:

Steps:

1. Open page <https://www.asos.com/women/> 1. Asos homepage opens
2. Click on my account button 2. Account window opens
3. Click on sign in button 3. Email and password window opens
4. Click on forgot password button 4. Reset your password window opens
5. Enter email [angelika@gmail.com](mailto:angelika@gmail.com)
6. Click on Reset password button 5. The link was sent to your email window opens
7. Go to email [angelika@gmail.com](mailto:angelika@gmail.com)
8. Open email from asos
9. Follow the link to reset password 9. Reset password page opens
10. Enter password 12345
11. Confirm password 12345 10.Password was updated sign appears

4. Test Case Add address ( positive test)

Pre Requirement :

The user must be logged into the site

Steps: Expected Results:

1. Click on my account button 1. My account window appears
2. Click on My address book button 2. Address book appears
3. Click on Add new address button
4. Enter First name Angelika
5. Enter Last name Kryvoruchenko
6. Enter mobile number 0896751324
7. Choose country Republic of Ireland
8. Enter Adrress 45 Woodview Blackrock Dublin
9. Click save the adress 9. Address is saved

5. Test case : Add credit card ( positive test)

Pre Requirement :

The user must be logged into the site

Steps: Expected Results:

1. Click on my account button 1. My account window appears
2. Click on Payment methods button 2. Payment methods window appears
3. Click Add a New Payment Method
4. Click Credit\ Debit Card
5. Enter Card Number 123456
6. Enter Month 07 Year 2026
7. Enter Name Angelika Kryvoruchenko
8. Click Save Card 8. Payment Method was added sign appears

6. Negative Test Case: Invalid Address Field:

Pre Requirements

The user is logged into the site

Steps: Expected Results:

1. Click on my account button 1. My account window appears
2. Click on My address book button 2. Address book appears
3. Click on Add new address button
4. Enter First name Angelika
5. Enter Last name Kryvoruchenko
6. Enter mobile number 0896751324
7. Choose country Republic of Ireland
8. Remove the required field for address
9. Click Save the address 9. An error should be displayed that the address field is a required field. The borderline of the address field should appear red.

7. Negative test case: Invalid credit card:

The user is logged into the site

Steps: Expected Results:

1. Click on my account button 1. My account window appears
2. Click on Payment methods button 2. Payment methods window appears
3. Click Add a New Payment Method
4. Click Credit\ Debit Card
5. Enter Invalid Card Number 1234567
6. Enter Month 07 Year 2026
7. Enter Name Angelika Kryvoruchenko
8. Click Save Card 8. An error should immediately appear that an invalid credit card number was detected.

8. Negative Test Case :Search Field Upper Boundary

Pre Requirement

The user is logged into the site

Steps: Expected Results:

1.Enter a search with a very long string, Error message appears, character limit was exceed

over 100 characters

1. Negative Test Case : Empty Search Field

Pre Requirement

The user is logged into the site

Steps: Expected Results:

1. Enter a blank search
2. Press search 2. The search button should be disabled

10. Negative Test Case : Password Rules

Pre Requirement

The user is logged into the site

Steps: Expected Results:

1. Open page <https://www.asos.com/women/> 1. Asos homepage opens
2. Click on my account button 2. Account window opens
3. Click on join button 3. Sign up window opens
4. Enter email angelika @gmail.com
5. Enter First name Angelika
6. Enter last name Kryvoruchenko
7. Enter Invalid password 123456\_\_
8. Enter date of birth 26 August 1995
9. Click Womenswear
10. Click button Join asos 10. The password Rules dialog should be displayed which will show the user exactly which strings conform to the password guideline.

Level 3

* You are the founder of a startup planning to launch a mobile application for sharing cat photos on iOS and Android devices.

The startup has a team of 3 developers (Back-End, iOS, and Android). Requirements and use cases are provided by you as the main stakeholder.

Create a test plan that will allow you to release a product of proper quality.

Requirements :

1. Access to all the device-specific features, including GPS, camera, gestures, and notifications.
2. Provides a full experience to the user on their iOS or Android smartphone
3. Users can upload and delete photos.
4. Users can browse all previously submitted uploaded photos in a list or catalog form.
5. Users can follow each other.
6. Users can add photos to favorites.
7. Users can comment on each other's photos.

Test Plan : <https://docs.google.com/spreadsheets/d/1dVvc6wMOF0KAFl30-5BLqwP-L9IiaPTHdj-bUGQbAfI/edit#gid=0>