**MANUAL QA**

***Homework - Lesson 12***

**Student Name:** Mario Lima

***Level 1***

1. ***Create a high-level test case to test the functionality of the mobile application of choice.***
2. ***Create 3 low-level test cases based on the high-level one.***

**High-level test case:**

Functionality: Testing the Zoom iOS mobile application

Preconditions:

1. Have an iOS mobile device.
2. Have already installed the Zoom application.
3. Have a registered user with proper credentials.

Steps:

1. Open the Zoom application on the iOS mobile device.
2. Log in with a valid Zoom account or sign up for a new account.
3. Start a new meeting and verify that the camera and microphone are functioning correctly.
4. Invite another user to join the meeting
5. Test screen sharing functionality and verify that it works as expected.
6. Test the chat functionality
7. End the meeting.
8. Log out of the application and verify that the user is successfully logged out.

Expected Results:

1. The application opens correctly.
2. Successful Login
3. Meeting started successfully and camera and microphone work properly.
4. User join successfully.
5. Screen sharing works as expected.
6. Messages can be sent and received successfully.
7. Application returns to the home screen.
8. Log out is Successful

**Low-Level Test Cases:**

A.Functionality: Testing camera and microphone

Preconditions:

1. Have an iOS mobile device.
2. Have already installed the application.
3. Have a registered user with proper credentials.
4. Have another person in the meeting for feedback.

Steps:

1. Open the Zoom application and start a new meeting.
2. Start a new meeting and verify that the camera and microphone are functioning correctly.
3. Try different camera and microphone settings and verify that they work as expected.
4. Log out of the application

Expected Results:

1. The application opens correctly.
2. Meeting starts successfully and the camera and microphone work properly.
3. Camera and microphone features work as expected.
4. Log out is Successful

B. Functionality: Testing screen sharing

Preconditions:

1. Have an iOS mobile device.
2. Have already installed the application.
3. Have a registered user with proper credentials.
4. Have another person in the meeting for feedback.

Steps:

1. Open the Zoom application and start a new meeting.
2. Start a new meeting
3. Use the screen sharing functionality by taping in the green button.
4. Try different screen sharing options and verify that they work as expected
5. Log out of the application

Expected Results:

1. The application opens correctly.
2. Meeting starts successfully
3. Screen sharing features work as expected.
4. Log out is Successful

C. Functionality: Testing chat

Preconditions:

1. Have an iOS mobile device.
2. Have already installed the application.
3. Have a registered user with proper credentials.
4. Have another person in the meeting for feedback.

Steps:

1. Open the Zoom application and start a new meeting.
2. Start a new meeting
3. Write “Hello” in the chat functionality
4. Click Enter.
5. Log out of the application

Expected Results:

1. The application opens correctly.
2. Meeting starts successfully
3. Chat functionality works as expected.
4. Log out is Successful

***Level 2***

1. ***Complete the task of the previous level.***
2. ***Estimate how long it will take to complete the test cases from the previous task***

***Use at least 2 techniques for evaluation (e.g. WBC and three-point estimate).***

Work Breakdown Structure:

* High-Level Test Case: 1 day
* Low-Level Test Case 1: 0.5 days
* Low-Level Test Case 2: 0.5 days
* Low-Level Test Case 3: 0.5 days

Total Estimated Time: 2.5 days

T-Shirt Sizes technique:

* High-Level Test Case: Large
* Low-Level Test Case 1: Medium
* Low-Level Test Case 2: Medium
* Low-Level Test Case 3: Medium

Based on this estimate, completing the test cases will require approximately 1.5 times the effort required for a large task.

***Level 3***

1. ***Complete the tasks of the previous two levels.***
2. ***We keep on working on a startup for a cat photo sharing app. The testing team is growing along with the product. You are thinking about creating a test strategy. Try to create a document that would meet the needs of your team (***[***template attached***](https://lms.beetrootacademy.com:3005/bafile/28211c33-17ad-418d-943f-268dc9c5f4c2.docx?bearer=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..kbavG_61ZYAIUWunEbLOcfx53GTbSbyxHH56IeJM56w)***).***

**Link:** [Test Strategy - Homework - Level 3 - Lesson 12.docx](https://docs.google.com/document/d/1XcMqOuTEkluMVDMVWQtO5Ey5azVHiYrD/edit?usp=sharing&ouid=107467248708659778220&rtpof=true&sd=true)

1. ***For HW -create 2 User Stories in Your Jira  
   HW Lesson 12 Level 1 and 2  
   HW Lesson 12 Level 3  
   And estimate it in Story points  
   After completing - Write a comment - how many time took to complete the Story***

[***https://mariolimaacebey.atlassian.net/jira/software/projects/HL8/boards/4/backlog?selectedIssue=HL8-13***](https://mariolimaacebey.atlassian.net/jira/software/projects/HL8/boards/4/backlog?selectedIssue=HL8-13)