|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case | Description | Expected Result | Actual Result | Pass/Fail | Date | Competed By |
| TEST CASE 1 | User can turn on camera by pressing Power button | User can turn on camera by pressing Power button |  |  |  |  |
| TEST CASE 2 | Shutter can be opened by pressing shutter button | Shutter can be opened by pressing shutter button |  |  |  |  |
| TEST CASE 3 | Mode switch button can be switched between video mode and still image capture mode | Mode switch button can be switched between video mode and still image capture mode |  |  |  |  |
| TEST CASE 4 | Battery life of 10 hours in standby mode with shutter button off in video mode | Battery life of 10 hours in standby mode with shutter button off in video mode |  |  |  |  |
| TEST CASE 5 | Battery life of 10 hours in standby mode with shutter button on in video mode | Battery life of 10 hours in standby mode with shutter button on in video mode |  |  |  |  |
| TEST CASE 6 | Battery life of 10 hours in standby mode with shutter off in still image capture mode | Battery life of 10 hours in standby mode with shutter off in still image capture mode |  |  |  |  |
| TEST CASE 7 | Battery life of 10 hours in standby mode with shutter button on in still image capture mode | Battery life of 10 hours in standby mode with shutter button on in still image capture mode |  |  |  |  |
| TEST CASE 8 | Battery life of 4 hours in filming with shutter off in video mode | Battery life of 4 hours in filming with shutter off in video mode |  |  |  |  |
| TEST CASE 9 | Battery life of 4 hours in filming with shutter on in video mode | Battery life of 4 hours in filming with shutter on in video mode |  |  |  |  |
| TEST CASE 10 | Battery life of 4 hours in filming with shutter off in still image capture mode | Battery life of 4 hours in filming with shutter off in still image capture mode |  |  |  |  |
| TEST CASE 11 | Battery life of 4 hours in filming with shutter on in still image capture mode | Battery life of 4 hours in filming with shutter on in still image capture mode |  |  |  |  |
| TEST CASE 12 | Camera remains operational after a drop from 15 vertical metres | Camera remains operational after a drop from 15 vertical metres |  |  |  |  |
| TEST CASE 13 | (Repeat of Test case 4) Battery life of 10 hours in standby mode with shutter button off in video mode | Battery life of 10 hours in standby mode with shutter button off in video mode |  |  |  |  |
| TEST CASE 14 | (Repeat of Test case 5) Battery life of 10 hours in standby mode with shutter button on in video mode | Battery life of 10 hours in standby mode with shutter button on in video mode |  |  |  |  |
| TEST CASE 15 | (Repeat of Test case 6) Battery life of 10 hours in standby mode with shutter button off in still image capture mode | Battery life of 10 hours in standby mode with shutter button off in still image capture mode |  |  |  |  |
| TEST CASE 16 | (Repeat of Test case 7) Battery life of 10 hours in standby mode with shutter button on in still image capture mode | Battery life of 10 hours in standby mode with shutter button on in still image capture mode |  |  |  |  |
| TEST CASE 17 | (Repeat of Test case 8) Battery life of 4 hours in filming with shutter button off in video mode | Battery life of 4 hours in filming with shutter button off in video mode |  |  |  |  |
| TEST CASE 18 | (Repeat of Test case 9) Battery life of 4 hours in filming with shutter button on in video mode | Battery life of 4 hours in filming with shutter button on in video mode |  |  |  |  |
| TEST CASE 19 | (Repeat of Test case 10) Battery life of 4 hours in filming with shutter button off in still image capture mode | Battery life of 4 hours in filming with shutter button off in still image capture mode |  |  |  |  |
| TEST CASE 20 | (Repeat of Test case 11) Battery life of 4 hours in filming with shutter button on in still image capture mode | Battery life of 4 hours in filming with shutter button on in still image capture mode |  |  |  |  |
| TEST CASE 21 | Camera remains operational up to a depth of 100m | Camera remains operational up to a depth of 100m |  |  |  |  |
| TEST CASE 22 | Camera powers of when power button is press while camera is powered on | Camera powers of when power button is press while camera is powered on |  |  |  |  |

Test Plan

New Action Camera

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1. Introduction

1.1 Purpose The purpose of this document is describe the testing to be carried out on the mobile app redesign

1.2 Scope This document just describes the test plan.

2. Test Tools & Coverage Plan

2.1 Tools Any bug tracking tool such a Product Studio

2.2 Test Coverage Testing will cover the major functionality:

* Battery life
* Water resistance rating
* Operational after fall from 15m
* Shutter control
* Toggle between filming and still image capture

3. Test Plan General: Testing of operations need to be done before and after water resistance and fall damage testing

TEST CASE 1: User can turn on camera by pressing Power button

TEST CASE 2: Shutter can be opened by pressing shutter button

TEST CASE 3: Mode switch button can be switched between video mode and still image capture mode

TEST CASE 4: Battery life of 10 hours in standby mode with shutter button off in video mode

TEST CASE 5: Battery life of 10 hours in standby mode with shutter button on in video mode

TEST CASE 6: Battery life of 10 hours in standby mode with shutter off in still image capture mode

TEST CASE 7: Battery life of 10 hours in standby mode with shutter button on in still image capture mode

TEST CASE 8: Battery life of 4 hours in filming with shutter off in video mode

TEST CASE 9: Battery life of 4 hours in filming with shutter on in video mode

TEST CASE 10: Battery life of 4 hours in filming with shutter off in still image capture mode

TEST CASE 11: Battery life of 4 hours in filming with shutter on in still image capture mode

TEST CASE 12: Camera remains operational after a drop from 15 vertical metres

TEST CASE 13: (Repeat of Test case 4) Battery life of 10 hours in standby mode with shutter button off in video mode

TEST CASE 14: (Repeat of Test case 5) Battery life of 10 hours in standby mode with shutter button on in video mode

TEST CASE 15: (Repeat of Test case 6) Battery life of 10 hours in standby mode with shutter button off in still image capture mode

TEST CASE 16: (Repeat of Test case 7) Battery life of 10 hours in standby mode with shutter button on in still image capture mode

TEST CASE 17: (Repeat of Test case 8) Battery life of 4 hours in filming with shutter button off in video mode

TEST CASE 18: (Repeat of Test case 9) Battery life of 4 hours in filming with shutter button on in video mode

TEST CASE 19: (Repeat of Test case 10) Battery life of 4 hours in filming with shutter button off in still image capture mode

TEST CASE 20: (Repeat of Test case 11) Battery life of 4 hours in filming with shutter button on in still image capture mode

TEST CASE 21: Camera remains operational up to a depth of 100m

TEST CASE 22: Camera powers of when power button is press while camera is powered on

Test case 1

Description: User can turn on camera by pressing Power button

Procedure

Step 1: Press the Power button

Expected Result: Camera turns on

Test case 2

Description: Shutter can be opened by pressing shutter button

Procedure

Step 1: Press the shutter button

Expected Result: Camera shutter opens

Test case 3

Description: Camera can be switched between video and still image capture

Procedure

Step 1: With camera powered on, press or move the switch mode button

Expected Result: Camera can be switched between video and still image capture

Test case 4

Description: Battery life of 10 hours in standby mode with shutter button off in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter closed and in video mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Test case 5

Description: Battery life of 10 hours in standby mode with shutter on in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in video mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Test case 6

Description: Battery life of 10 hours in standby mode with shutter button off in still image capture mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Test case 7

Description: Battery life of 10 hours in standby mode with shutter on in still image capture mode

Procedure:

Step 1: With the camera powered on and fully charged with new batteries, the shutter on and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Pass/Fail Criteria:

Test case 8

Description: Battery life of 4 hours in filming with shutter off in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter closed and in video mode, leave the camera in standby mode for a period of 4 hours

Expected Result: Camera remains operational during this 4-hour period

Test case 9

Description: Battery life of 4 hours in filming with shutter on in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in video mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 4-hour period

Test case 10

Description: Battery life of 4 hours in filming with shutter button off in still image capture mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 4-hour period

Test case 11

Description: Battery life of 4 hours in filming with shutter on in still image capture mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter on and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 4-hour period

Test case 12

Description: Camera remains operation operational after fall from 15 vertical metres

Procedure:

Step 1: With camera powered on, drop the camera from a vertical height of 15 metres

Expected result: Despite any damage, the camera remains operational

Test case 13 (repeat of Test case 4)

Description: Battery life of 10 hours in standby mode with shutter button off in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter closed and in video mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Test case 14 (repeat of Test case 5)

Description: Battery life of 10 hours in standby mode with shutter on in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in video mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Test case 15 (repeat of Test case 6)

Description: Battery life of 10 hours in standby mode with shutter button off in still image capture mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Test case 16 (repeat of Test case 7)

Description: Battery life of 10 hours in standby mode with shutter on in still image capture mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter on and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 10-hour period

Test case 17 (repeat of Test case 8)

Description: Battery life of 4 hours in filming with shutter off in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter closed and in video mode, leave the camera in standby mode for a period of 4 hours

Expected Result: Camera remains operational during this 4-hour period

Test Case 18 (repeat of Test case 9)

Description: Battery life of 4 hours in filming with shutter on in video mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in video mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 4-hour period

Test case 19 (repeat of Test case 10)

Description: Battery life of 4 hours in filming with shutter button off in still image capture mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter off and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 4-hour period

Test case 20 (repeat of Test case 11)

Description: Battery life of 4 hours in filming with shutter on in still image capture mode

Procedure

Step 1: With the camera powered on and fully charged with new batteries, the shutter on and in still image capture mode, leave the camera in standby mode for a period of 10 hours

Expected Result: Camera remains operational during this 4-hour period

Test case 21

Description: Camera remains operational up to a depth of 100m

Procedure

Step 1: With the camera powered on, drop or take camera to depth of 100m of water

Expected Result: Camera remains operational at a depth of 100m

Test case 22

Description: User can turn off camera by pressing Power button

Procedure

Step 1: With the camera powered on, press the Power button

Expected Result: Camera turns off