|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case | Description | Expected Result | Actual Result | Pass/Fail | Date | Competed By |
| TEST CASE 1 | User can choose authentication method, phone, or email | User can choose authentication method, phone, or email |  |  |  |  |
| TEST CASE 2 | User can enter phone number if phone is chosen, email address if email is chosen | User can enter phone number if phone is chosen, email address if email is chosen |  |  |  |  |
| TEST CASE 3 | On submission, authentication code is sent to use per method chosen, app screen changes allowing user to enter authentication code | On submission, authentication code is sent to use per method chosen, app screen changes allowing user to enter authentication code |  |  |  |  |
| TEST CASE 4 | On submission of authentication code, user is successfully authenticated | On submission of authentication code, user is successfully authenticated |  |  |  |  |
| TEST CASE 5 | User is able to enable Geolocation feature in phone settings | User is able to enable Geolocation feature in phone settings |  |  |  |  |
| TEST CASE 6 | App’s ability to track user location by recognising unchanged location for a specific period of time | App’s ability to track user location by recognising unchanged location for a specific period of time |  |  |  |  |
| TEST CASE 7 | After a specific period of non-movement, phone is stationary, user is away, the camera arms automatically | After a specific period of non-movement, phone is stationary, user is away, the camera arms automatically |  |  |  |  |
| TEST CASE 8 | User is able to enable Two-Way Talk feature in phone settings | User is able to enable Two-Way Talk feature in phone settings |  |  |  |  |
| TEST CASE 9 | Open app, app allows user to select audio source, such as a file. | Open app, app allows user to select audio source, such as a file. |  |  |  |  |
| TEST CASE 10 | App transmits the audio through the IP camera on one phone an receives through IP camera on the other phone | App transmits the audio through the IP camera on one phone an receives through IP camera on the other phone |  |  |  |  |
| TEST CASE 11 | User is able to enable orientation in phone settings. | User is able to enable orientation in phone settings |  |  |  |  |
| TEST CASE 12 | Turn the phone so it causes the orientation to change | Turn the phone so it causes the orientation to change |  |  |  |  |

Test Plan

Mobile App Redesign

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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 including new features:

• Multi Factor Authentication - A security enhancement that allows users to validate their credentials via phone or email.

• Geolocation - Ability to track user location allowing cameras to arm automatically when the user is away

• Two-Way Talk - Enables user to receive and transmit audio through the IP camera

• Camera Orientation - Ability to change video orientation on their camera

3. Test Plan General:

TEST CASE 1: User choose authentication method, phone or email

TEST CASE 2: User can enter phone number if phone is chosen, email address if email is chosen

TEST CASE 3 On submission, authentication code is sent to use per method chosen, app screen changes allowing user to enter authentication code

TEST CASE 4: On submission of authentication code, user is successfully authenticated

TEST CASE 5: User is able to enable Geolocation feature in phone settings

TEST CASE 6: App’s ability to track user location by recognising unchanged location for a specific period of time

TEST CASE 7: After a specific period of non-movement, phone is stationary, user is away, the camera arms automatically

TEST CASE 8: User receiving and transmitting audio through the IP camera cannot be done with a single phone, test case requires two phones, one as transmitter, one a receiver. User can enable the Two-Way Talk feature in the phone’s settings.

TEST CASE 9: Open app, app allows user to select audio source, such as a file.

TEST CASE 10: App transmits the audio through the IP camera on one phone an receives through IP camera on the other phone.

TEST CASE 11: User is able to enable orientation in phone settings.

TEST CASE 12: Turn the phone so it causes the orientation to change

**Multi Factor Authentication**

Test case 1

Description: **Authentication Method Choice**

Procedure

Step 1: User selects authentication method/type, phone or email

Expected Result: User can select authentication method

**Multi Factor Authentication**

Test case 2

Description: **User can enter phone number or email address**

Procedure

Step 1: Enter phone in textbox marked Phone or email marked Email

Expected Result: User can enter phone number or email address

**Multi Factor Authentication**

Test case 3

Description: **User can submit information**

Procedure

Step 1: Press the Submit button

Expected Result: User can submit information using button, app sends authentication code to user via chosen method and changes screen allowing user to enter authentication code

**Multi Factor Authentication**

Test case 4

Description: **User can enter authentication code**

Procedure

Step 1: Enter authentication code in textbox marked Authentication Code and press Submit button

Expected Result: User can enter authentication code and app authenticates user

**Geolocation**

Test case 5

Description: **Geolocation selection**

Procedure

Step 1: In phone settings, turn on, enable Geolocation, and set stationary time limit

Expected Result: Geolocation is enabled stationary time limit is set

**Geolocation**

Test case 6

Description: **Geolocation time lapse**

Procedure:

Step 1: Place phone on a table

Step 2: Camera remains unarmed for the stationary time period

Expected result: Camera remain off during this stationary time period

**Geolocation**

Test case 7

Description: **Geolocation turns camera on after stationary time period has lapsed**

Procedure:

Step 1: Step 1: Place phone on a table

Step 2: After the stationary time period has lapsed, the camera turns on.

Expected result: After the stationary time period has lapsed, the camera turns on.

**Two-Way Talk**

Test case 8

Description: Enable Two-Way Talk

Procedure:

Step 1: Enable Bluetooth in both phones or other technology for transmitting audio

Step 2: Enable Two-Way Talk on both phones in setting

Step 3: Connect phones using Bluetooth or other transmitting technology

Expected Result: Two-Way Talk is enabled on both phones

**Two-Way Talk**

Test case 9

Description: **User selects audio source**

Procedure:

Step 1: Open Two-Way Talk app on two phones

Step 2: Select audio source such as a file

Expected Result: App allows user to select audio source

**Two-Way Talk**

Test case 10

Description: **App transmits audio through IP camera**

Procedure:

Step 1: Open Two-Way Talk app on two phones

Step 2: Select audio source such as a file

Expected Result: App transmits audio through IP camera

**Change video orientation**

Test case 11

Description: **User can enable orientation in phone settings**

Procedure:

Step 1: Open phone settings

Step 2: Enable option for orientation during video playback

Expected Result: User can enable orientation in phone settings

**Change video orientation**

Test case 12

Description: **Change orientation during video playback**

Procedure:

Step 1: Open a video file on the phone

Step 2: While video is playing, change the orientation of the phone

Expected Result: Orientation of video changes during playback