DAT 255

**TensionCameraApp: Acceptance Tests**

**Document description:** Describing the acceptance test for TensionCamApp. They are all design from a customer perspective to insure maximum user friendliness and experience. The tests relate to which tasks the application should support and the expected output from these. As a consequence the tests don’t necessarily represent a specific user stories that were used in the development but rather stories in the same sequence that they appear in the application.

## View Key

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### Starting the application

**Test ID:** TC01

**Test Case description:** Starting up the application

**Precondition:** Installed the application on a device

*Version 1*

1. Press the icon of the application

*Expected result*

The user should be presented a view with the TensionCamera-logo and a loading bar which and after a few seconds redirects the client to the camera mode.

### Taking a picture

**Test ID:** TC02

**Test Case description:** Take a picture using the ‘camera button’

**Precondition:** Installed the application on a device

*Version 1*

1. Start the application
2. Wait until redirected to camera mode
3. Press the icon with a camera on it

*Expected result*

The user should be redirected to a preview of the recently taken picture

### Turning on the flash

**Test ID:** TC03

**Test Case description:** Turning on the flash by pressing the ‘flash button’

**Precondition:** Installed the application on a device

*Version 1*

1. Start the application
2. Wait until redirected to camera mode
3. Press the icon with a flash on it

*Expected result*

The user should see the light on the backside of the device turns on

### Turning off the flash

**Test ID:** TC03

**Test Case description:** Turning off the flash by pressing the ‘flash button’ twice

**Precondition:** Installed the application on a device

*Version 1*

1. Start the application
2. Wait until redirected to camera mode
3. Press the icon with a flash on it
4. Press the same icon once again

*Expected result*

The user should see that the light on the backside of the device now turns off.

### Take a new picture

**Test ID:** TC04

**Test Case description:** Take a new picture when a picture is recently taken

**Precondition:** Installed the application on

*Version 1*

1. Take a picture
2. Wait until redirected to camera mode
3. Take a picture
4. Wait until redirected to a preview of the recently taken picture
5. Press the green button with the text “Take a new picture” on it

*Expected result*

The user should be redirected back to camera mode.

### Analyzing a picture

**Test ID:** TC05

**Test Case description:** Analyze a recently taken picture

**Precondition:** Installed the application on a device.

*Version 1*

1. Take a picture
2. Wait until redirected to camera mode
3. Take a picture
4. Wait until redirected to a preview of the recently taken picture
5. Press the green button with the text “Analyze” on it

*Expected result*

The user should be redirected to a view where the result is displayed.

### Take a new picture when a result has been received

**Test ID:** TC06

**Test Case description:** Take a new picture by pressing the ‘camera button’ once the result is being displayed

**Precondition:** Installed the application on a device.

*Version 1*

1. Take a picture
2. Wait until redirected to camera mode
3. Take a picture
4. Wait until redirected to a preview of the recently taken picture
5. Press the green button with the text “Analyze” on it
6. Wait until redirected to a view where the result is displayed
7. Press the button with the text “Take a new picture” on it

*Expected result*

The user should be redirected back to camera mode.