Capture 5 photographs of a friend using iPhone 6s or later

We have developed an iOS app that can take pictures and uploads them to a designated server. This task requires you to **find a friend (or multiple people in the same picture for bonuses) and take 5 pictures of them (or yourself)** under specific conditions detailed below, and upload them via the app. Please take the pictures in **landscape**, in other words, please **hold your phone sideways** when taking the pictures. The pictures will be used for research and will be made publicly available for research use.

We plan to use this app for further collection through different HITs as well. It would be very valuable for us if you could summarize your experience with the app and report problems and bugs in the comment box below.

Quick Overview

- **Please do not upload pictures of children.**
- **The app requires iOS 10. Please download the app and make sure it works on your device before accepting the hit.**
- **The upload button only shows up when you enter the code shown below as the promotion code in the app.**
- **The photos without people will be discarded.**
- **Please photograph different objects/people when accepting the hits a second time.**
- **The photos with multiple people will receive bonuses.**
- **Make sure the people are not moving when taking photos, and hold your phone steady for 2 seconds.**
- Get the FlashShot application on your iPhone **6s, 6s plus, SE, 7, 7 plus** or iPad Pro that has a flash, **with iOS 10** or higher.
    - App link: https://link/to/app
- Enter the code `The code will appear when HIT is accepted` as the promotion code in the app.

  - This step is critical as it is the only way for us to match your uploads with this hit.
  - If it is not the first time you're using the app, change the ID from settings (see below).
- Find a person to photograph and get his/her permission.
  - You can take selfies as well if you haven't done so for this task.
- Find an indoor environment with sufficient lighting.
  - This is critical, please check the description below for the right conditions.
- Take (at least) 5 photographs of the person from different angles.
  - Make sure you and your subject **stay still** for a full second after clicking the take photo button.
- Upload the images by clicking the upload button in the app.
  - The uploads could take some time, check below for recommendations.
- When uploads are completed, click the submit button at the bottom of this page.

Example Picture Set

A set of good photographs

Examples of bad photographs

Lightsource in the field of view, some regions of the image is too bright

The person is very far away, the flash light is not visible.

The person is moving.

Window is visible during the day.

A very bright environment, the flash light is not visible.

Requirements

Our app has several requirements:

- iPhone 6s, 6s plus, 7, 7 plus or iPad Pro
- iOS version 10 or higher

Setup

Please download the app "FlashShot" from the app store, which is available here:
https://link/to/app
When you open the app for the first time, you should give it the permission to access the camera.
On the first use, the app will ask you to enter a "Promotion Code". Please enter the unique hit code shown below as the promotion code. This step is critical as this is the only way we match your uploads with the hit you submit.
Your code for this hit is:

`The code will appear when HIT is accepted`

If you have used this app before, you **should change the previous promotion code** with the new code. Note that you need to change this code **every time you use this app for a HIT**, also if you do this hit for more than once. There are two ways to do this:

- Open the Settings app on your device, go to FlashShot settings, and change the corresponding number.
- Uninstall the app and reinstall it using the link above.

The Pictures

In this hit we want 5 different photographs of the same person. If you accept this HIT for a second time, please photograph a second, different person.
The pictures should be taken under specific lighting conditions.

- The environment should be sufficiently lit such that if you were taking a regular picture, you wouldn't need the flash.
- The environment should not be too bright (such as under direct sunlight or a very bright room) such that the light from the flash is clearly visible.
- A direct light source (such as a lamp or a window during the day) should not be visible to the camera.

With a single click, the app will take several pictures with different camera parameters. Please **make sure that your friend is not moving and you are holding the phone stable for a second or so after clicking the shoot button**.
You should inform the person you photograph of the purpose of the task, a public dataset for research use, and get their permission before taking the picture. The app will ask you if you have taken the permission, clicking no to the popup window will discard the picture. If you do not want to upload a certain set of pictures to be uploaded, you can delete them using the Gallery app.
This HIT is part of a scientific research project. Your decision to complete this HIT is voluntary. There is no way for us to identify you. The only information we will have, in addition to your responses, is the time at which you completed the survey. The results of the research may be presented at scientific meetings or published in scientific journals. Clicking on the 'SUBMIT' button on the bottom of this page indicates that you are at least 18 years of age and agree to complete this HIT voluntarily.

Upload

After taking the 5 pictures, you will need to upload them using the upload button in the app. There are several points for consideration:

- The upload button shows the number of pictures ready for upload.
- You can cancel the upload and resume later anytime you'd like.
- The upload continues only when the app is *open*. We are currently working on the background upload, which should be available for the next task we release.
- The size of the pictures are quite large, and it could take a while for the upload to finish.
- The app will warn you if you are using mobile connection instead of wifi.
- We recommend that you make sure you have an active wifi connection, and your phone is plugged in during upload, which can take up to 15 minutes depending on the speed of your connection.

Submit

The submit button will be visible here once you accept the hit.