

NEXT GENERATION BOTHIE CAM

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ABSTRACT

The camera app does not activate both cameras at once as it not possible with the regular Android camera APIs. The selfie will be the main photo and the picture clicked by the rear camera will be appearing in a small portion. Also, it allows users to add their own reactions to their pics. Besides that, this photo collaging tool facilitates users to zoom and pan the images for a perfect composition. So to avoid it we are developing android based application which uses to accept the work of camera from front and back side with some additional functionality [2]. The Bothie allows you to put your selfie into the main photo and add reactions to pictures which make happy memories.

Keywords: API, Bothie, Selfie

INTRODUCTION

Ever felt like missing the loved ones in the photo frame who stood behind the camera for clicking the picture? No more such worries then guys, Bothie brings you together in the same frame by capturing with both the cameras i.e. using front and back both. There are other apps which offer a collage of photos with grid cutting the photo into a certain ratio, but it makes pictures proportion as per their adjustments and settings [1]. This new Bothie concept essentially makes the two cameras work at the same time on both sides. As a result, the outcome will be the two photos in a single Bothie.

A "Bothie" is a photo or a video that uses a split screen format to capture imagery or record footage through a mobile device's front-facing and rear-facing camera simultaneously. The term "Bothie" refers to the ability to use both cameras at the same time [5].

LITERATURE SURVEY

You might be really pleased with the camera technology in your latest Smartphone, which can recognize your face and take slow-mo video in ultra-high definition. But these technological feats are just the start of a larger revolution that is underway [2].

The latest camera research is shifting away from increasing the number of mega-pixels towards fusing camera data with computational processing. By that, we don't mean the Photoshop style of processing where effects and filters are added to a picture, but rather a radical new approach where the incoming data may not actually look like at an image at all [3].

You necessarily need a certain device with a built-in dual camera mode.

When you take pictures for your love ones, do you want to be part of it? Dual Camera app will help you to do that. It will take picture using the back camera on your phone for your love ones first, and then it will use the front camera on your phone to take a picture of you [5]. In the option menu, you can select the front camera image size, auto or manual to take the front camera picture. The time delay is for the auto front camera picture taking. If you find the front camera picture is too dark in auto mode, try to select a large time delay

PROPOSED METHODOLOGY

Bothie New camera app concept that is almost great to use as because it takes your precious moments together with your near one though the person is not sitting next to you [6].

Without disturbing other you can take click of your near & dear one at the same time without rotating your mobile / camera and both of your photos get caught in a single frame that is awesome feature. This new concept may help to collect precious movements and time with all necessary things to enjoy [5]. We can add feature to align Bothie vertically & also horizontally.

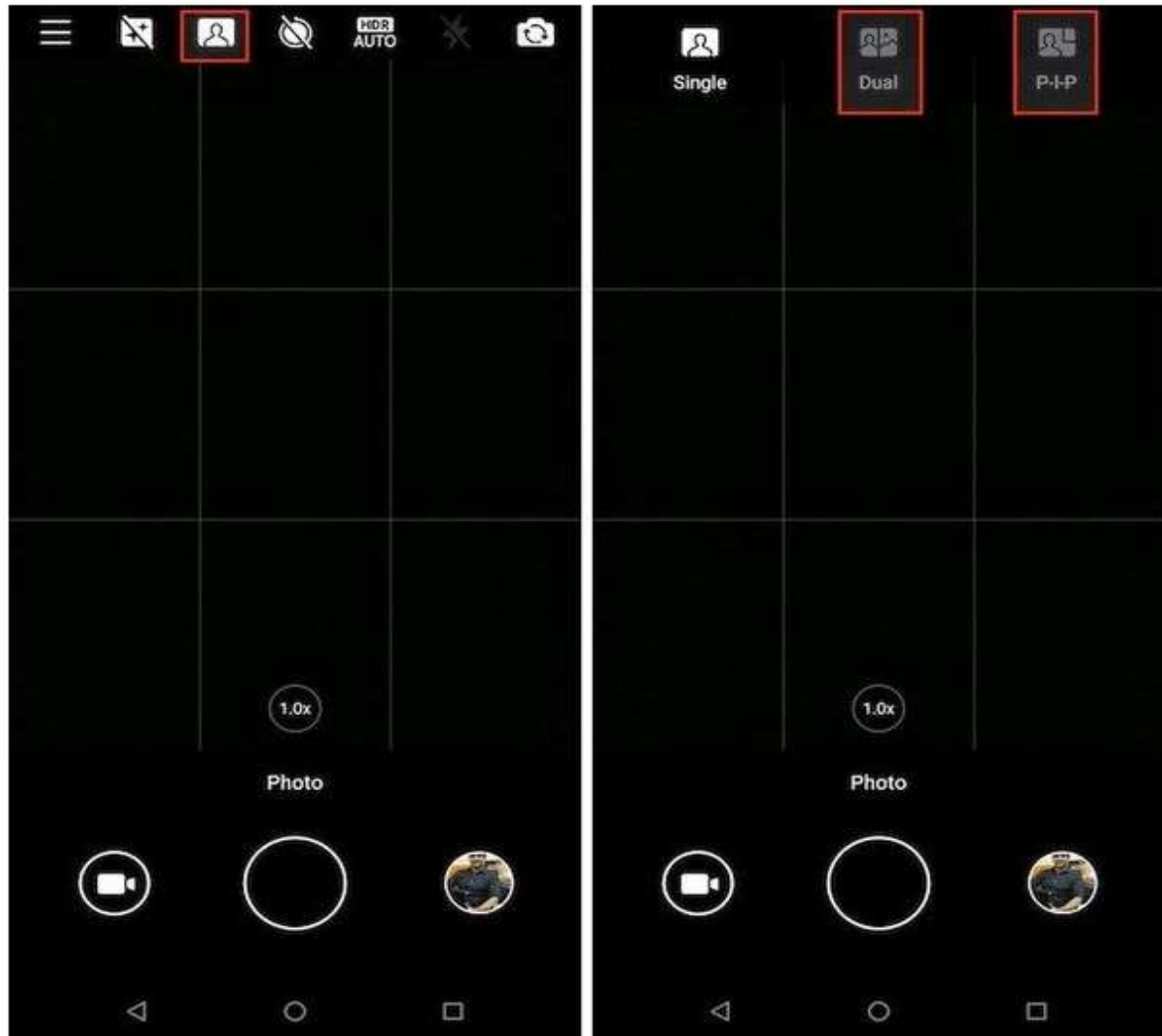


Figure 1: Proposed Methodology of Bothie

CONCLUSION

Front back is an easy-to-use app which lets you capture multiple sides of the same story at once.

You can edit your snaps and re-arrange them in the order you prefer (selfie first and panorama second, or vice-versa).

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