A photo booth by Lukas Wais

illusion

Motivation

Current solutions are:
- Heavy
- Chunky
- Need extra costumes

Target Group:
- End user on events
- Businesses (renting)

Related Apps

- Party Photo Booth
- Photobooth mini
- Companion apps for Windows solutions (Corona Mode)

4 photos are taken
for a real photobooth effect

PARTY
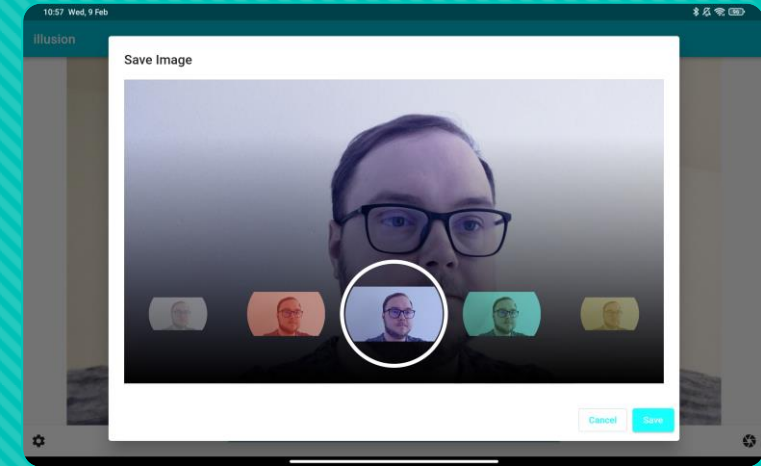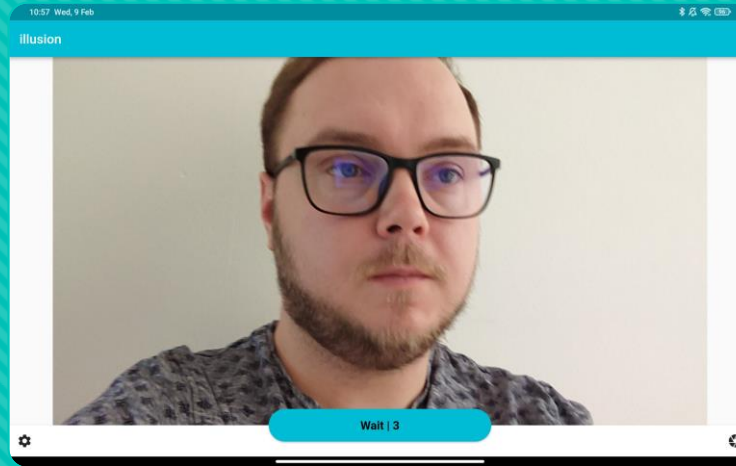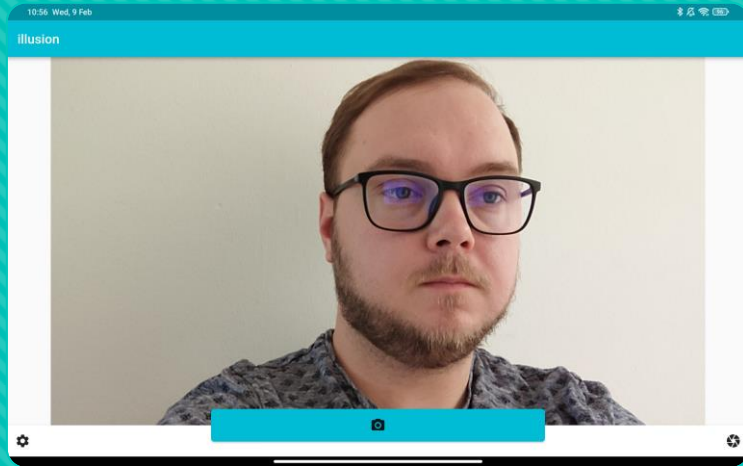PHOTO BOOTH

PHOTO BOOTH

PARTY
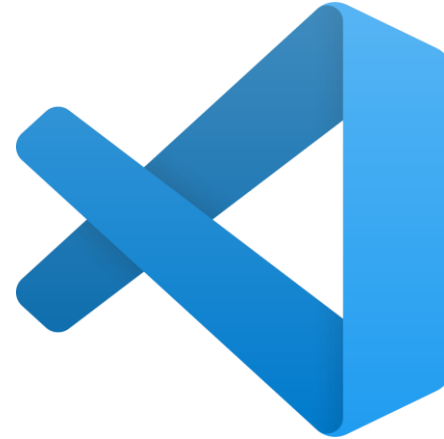PHOTO BOOTH

Paladone

Major Functions

- Horizontal/Vertical usage
- Self-made filter
- Save to device gallery
- Integration of Google ML Kit
- Compatible with Android and iOS
- Motion Gestures

Major UI Elements

Technology Stack

○ Android version: ≥ 30

```
29   dependencies:
30     flutter:
31       sdk: flutter
32
33     camera: ^0.9.4+5
34     path_provider: ^2.0.8
35     gallery_saver: ^2.3.2
36     google_ml_kit: ^0.7.3
37     screenshot: ^1.2.3
38     argon_buttons_flutter: ^1.1.0
39     flutter_spinkit: ^5.1.0
40     flutter_web_browser: ^0.16.0
```

Libraries Used

Saving the image to the gallery

```dart
saveImage() {
  screenshotController
      .captureFromWidget(filteredImage)
      .then((filteredImage) async {
    final tempDir = await getTemporaryDirectory();
    final String path = '${tempDir.path}/image.png';
    File file = await File(path).create();
    file.writeAsBytesSync(filteredImage);
    GallerySaver.saveImage(path);
  });
}
```
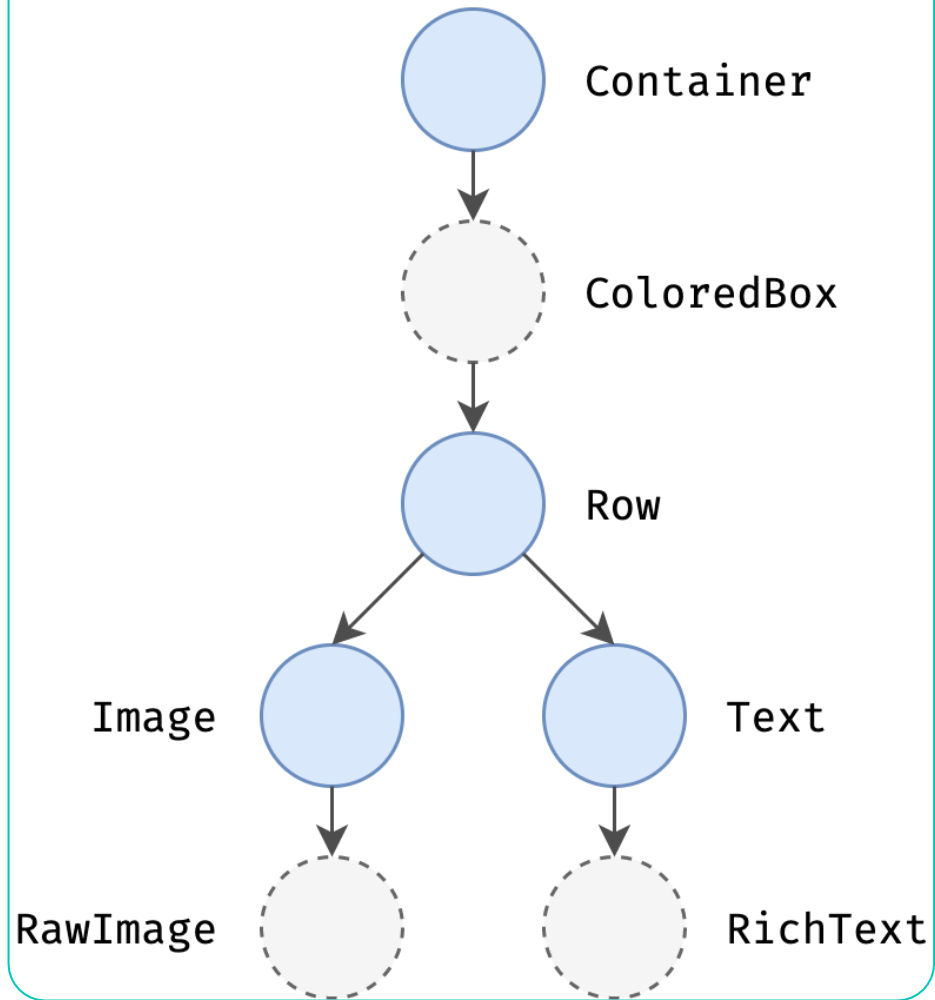
Conclusion

Flutter is cool but new

Hot reloading is great

Flutter feels like it is just for presenting information.

Would I have been better off building a native app? Probably.
Would I use Flutter again? Absolutely.

Widgets

Container

ColoredBox

Row

Image

Text

RawImage

RichText

Everything is a widget → not always beneficial

Demo time

Check it out on GitHub. The apk is also there.