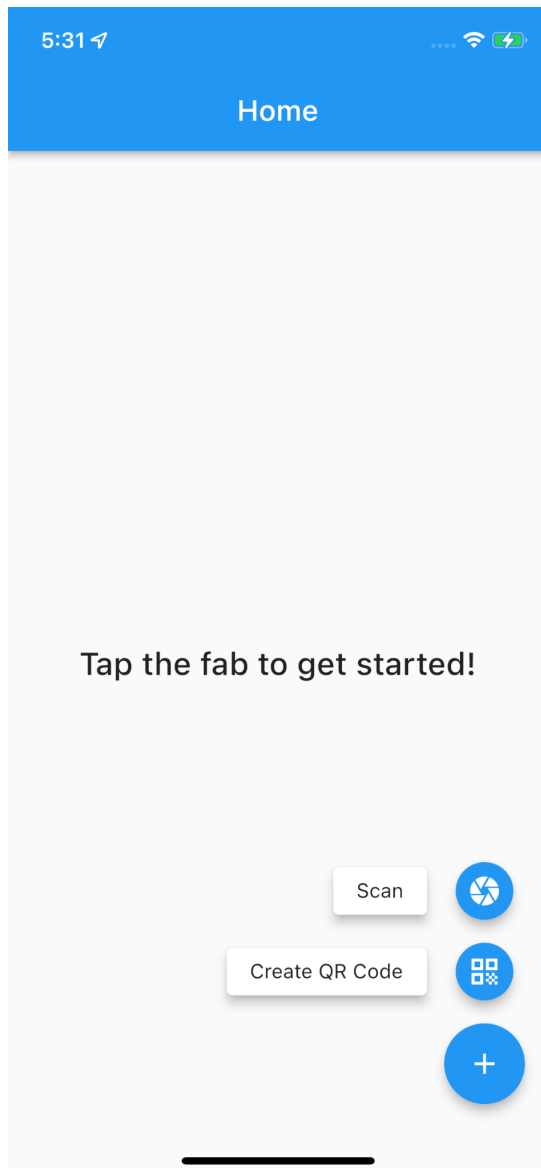


# Superformula QRCode Doc

## Screens:

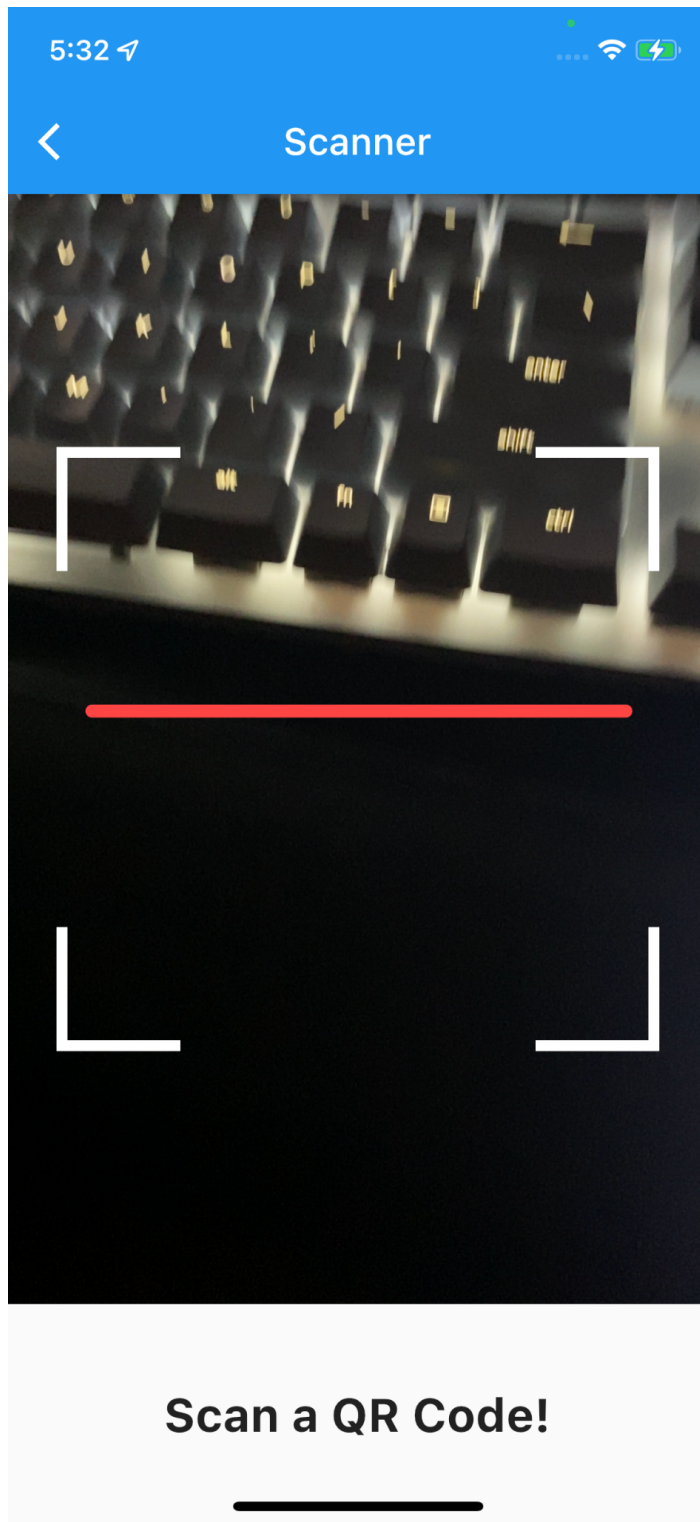
**Home Screen:** On the Home screen you have access to the fab button and its two different options.



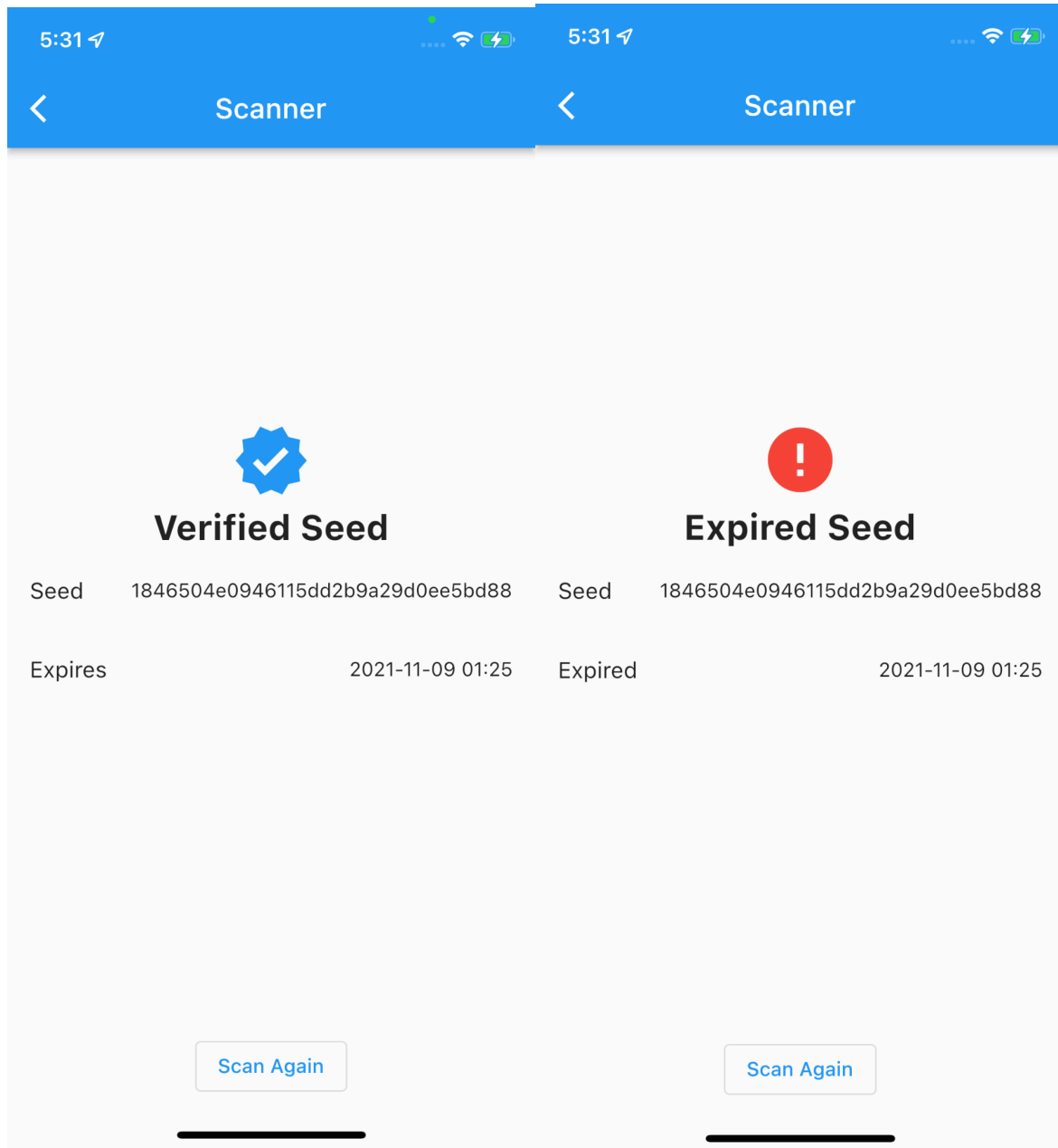
**QR Code Generation screen:** Here a qr code is generated based on the seed endpoint. It also has a countdown for when the seed is set to expire from the server.



**QR Code scanner:** This page launched from the navigation view will read the qr code then verify if it has expired yet.



**QR Code Scanner results:** When the scanner is complete it will replace the camera view with the results and an option to rescan.



## **Dependencies:**

- Intl: For DateTime formatting.
- Provider: Wrapper for InheritedWidget for ease of use.
- Dio: For calling HTTP get/post requests.
- Qr\_code\_scanner: For reading the QR code.
- Qr\_flutter: For generating the QR codes.
- Lottie: Package for allowing animations and used for scanner animation for QR scanner.
- Simple\_speed\_dial: Home page fab with more options.

The verify function could also include a post request to another endpoint to verify how the actual seed was generated.

## **Install:**

Once the project has been downloaded make sure all packages have been downloaded before trying to run. Flutter Stable branch should be used. This was only tested on an iOS device, unknown if an Android device will work 100%.