

Google™

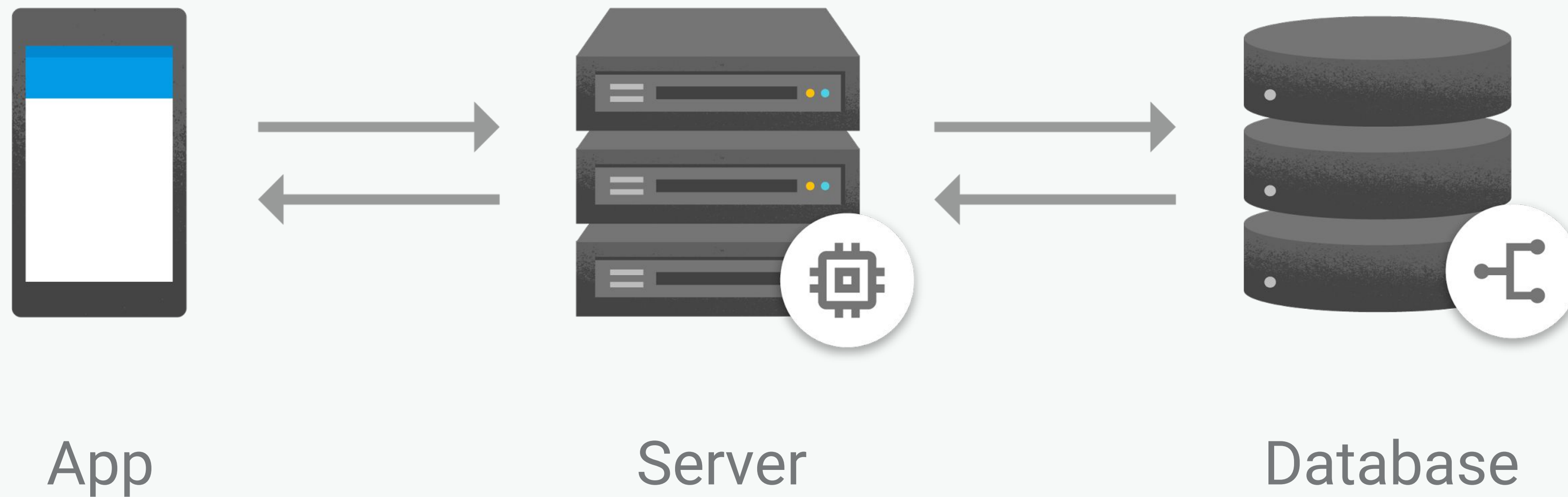
Zero to App

Firestore Database, Storage, Hosting, and Auth

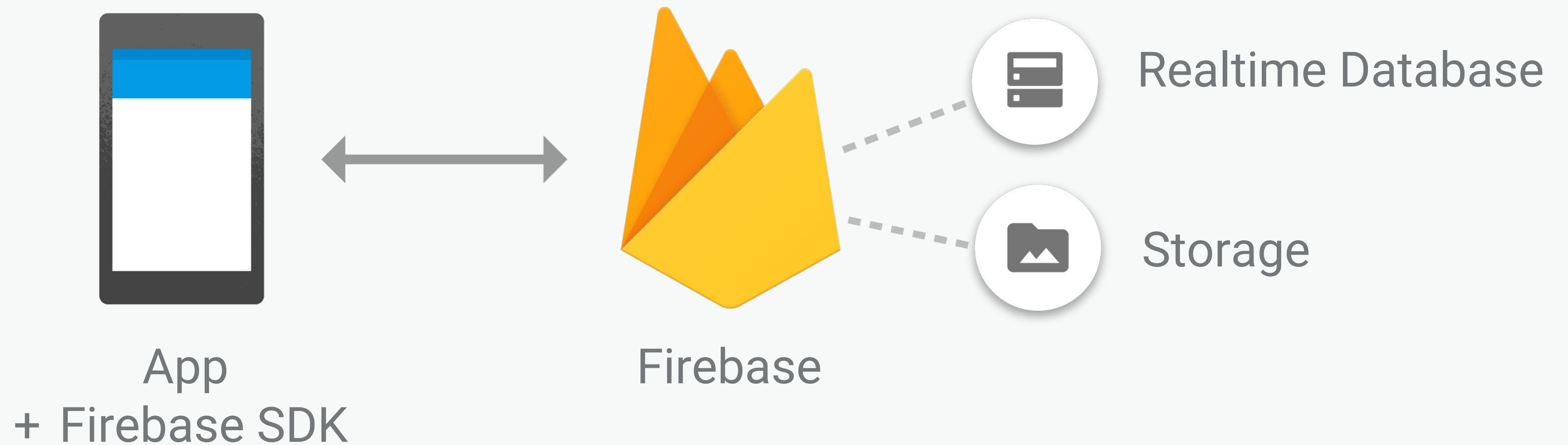


Lauren Long
@laurenzlong

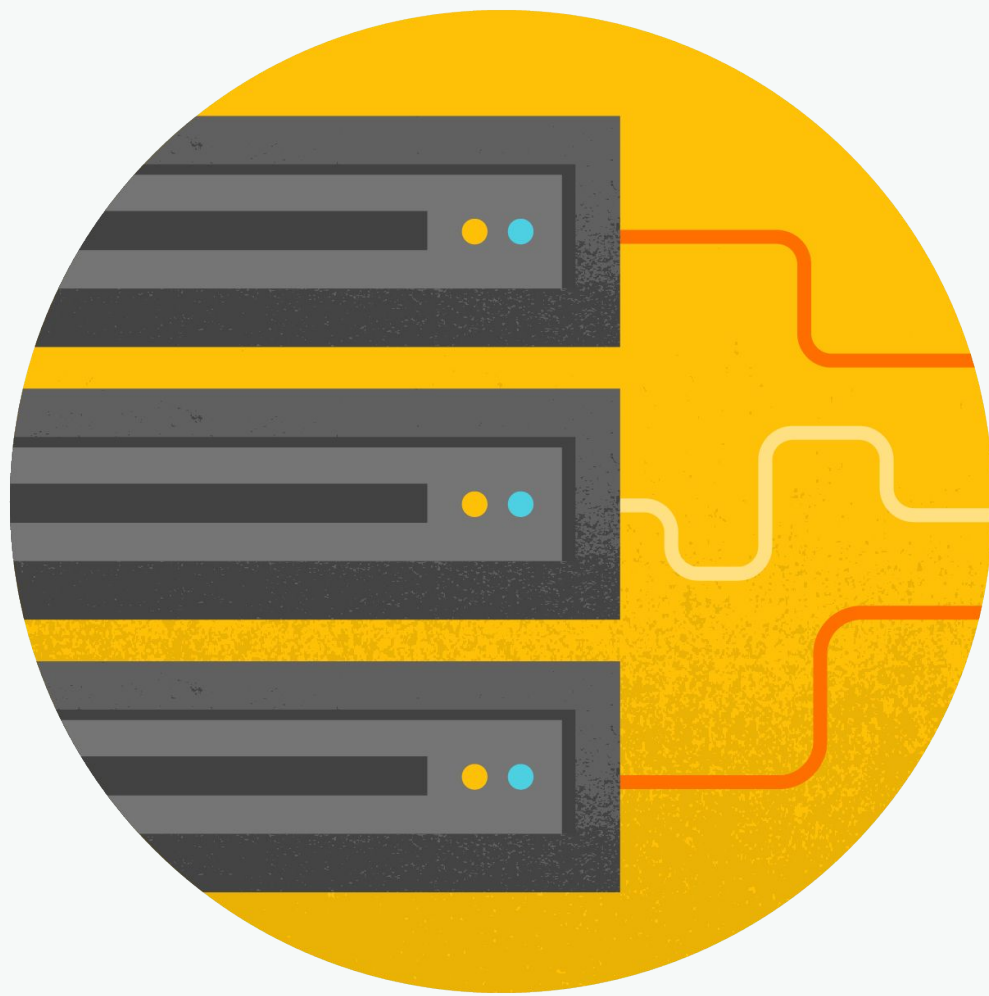
Traditional app development



Firebase app development



Firebase developer primitives



Realtime Database



Storage



Authentication



Hosting



Firebase Database

“chat”



```
graph TD; chat["chat"] --- message_1["message_1"]; message_1 --- name_frank["name: Frank"]; message_1 --- message_hello["message: Hello. Anyone here?"]; message_1 --- message_2["message_2"]; message_2 --- name_jeff["name: Jeff"]; message_2 --- message_sorry["message: Sorry, working on some AI"];
```

“message_1”

name: “Frank”

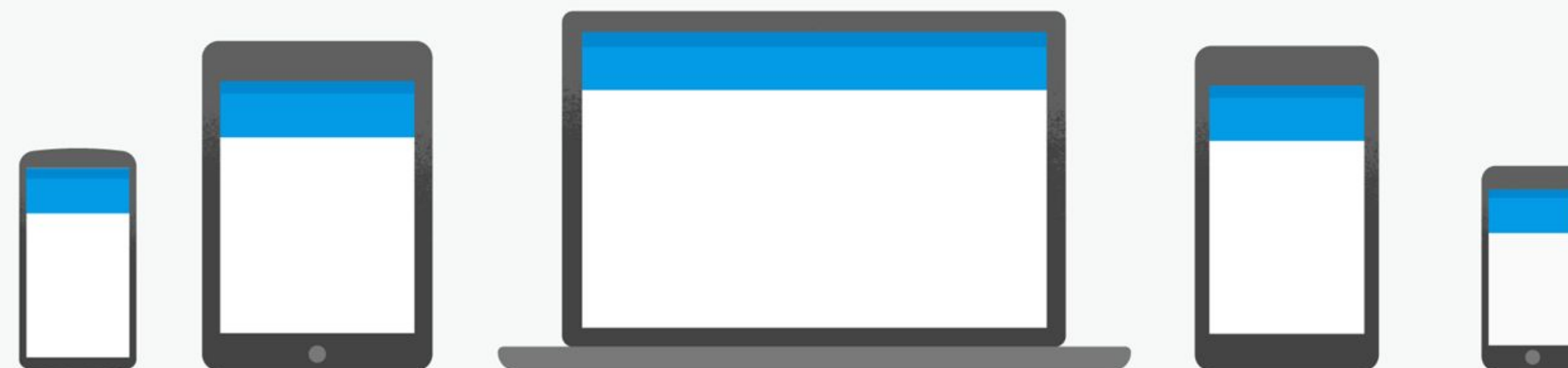
message: “Hello. Anyone here?”

“message_2”

name: “Jeff”

message: “Sorry, working on some AI”

Sync data in realtime

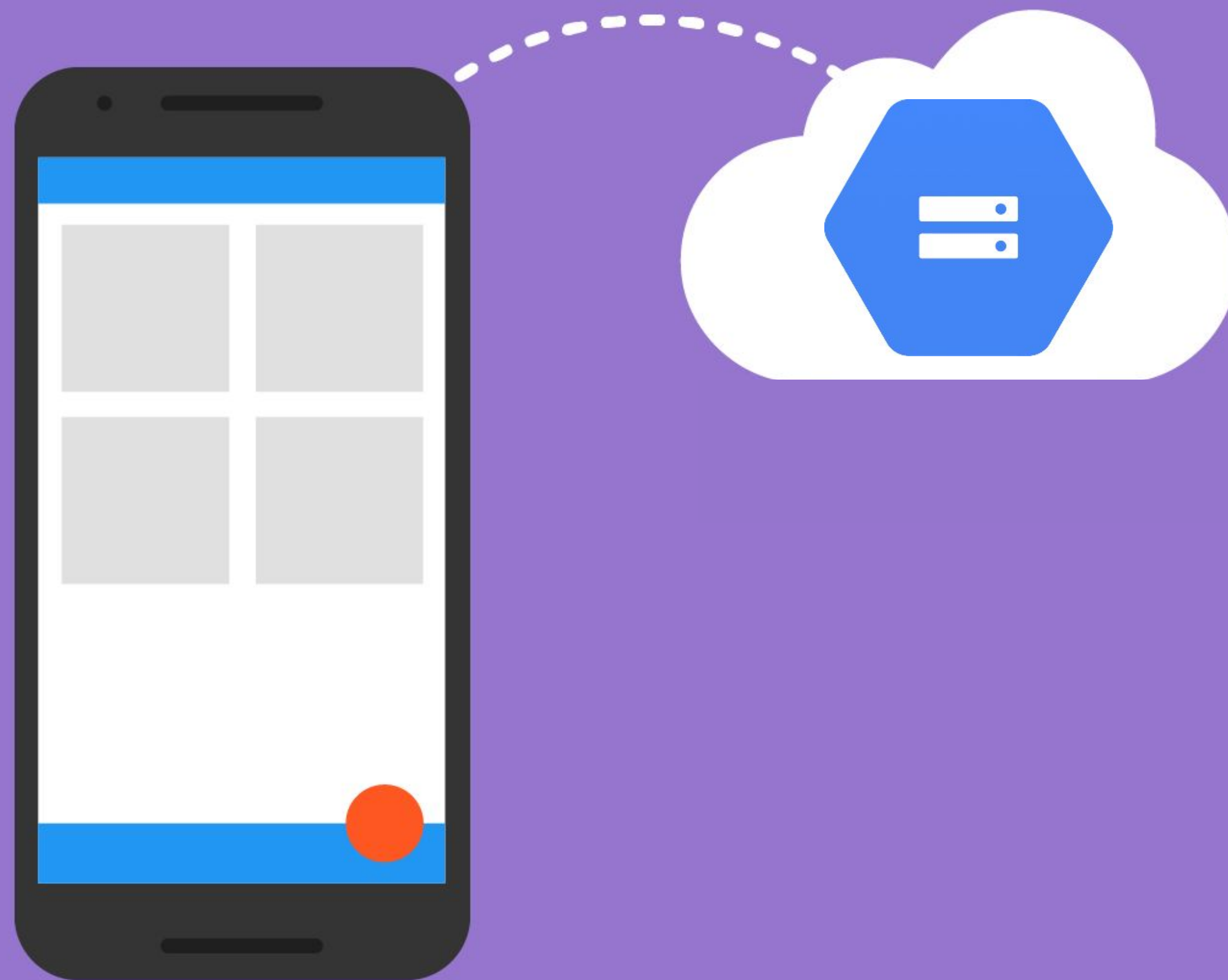


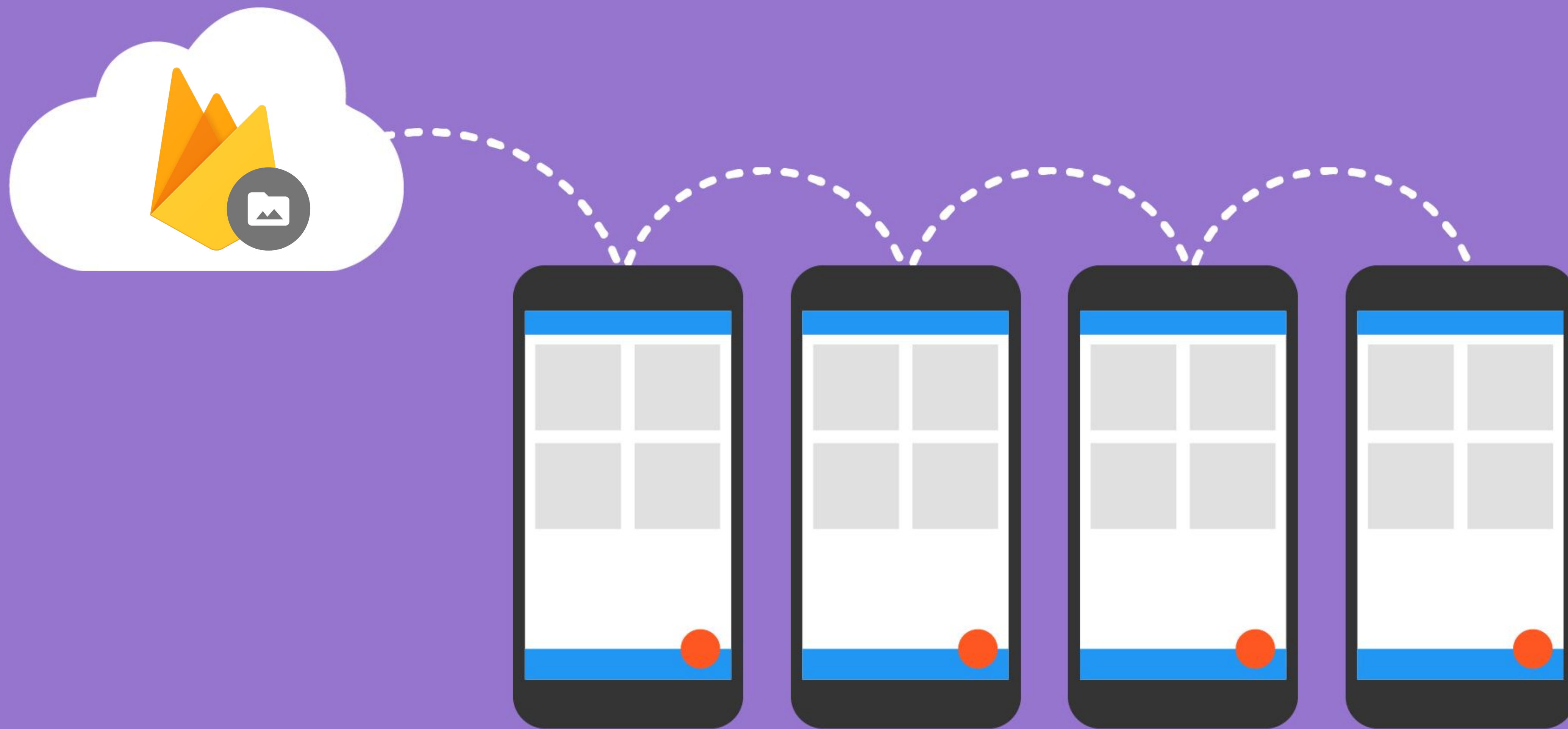
Let's code!





Firebase Storage









Let's code!





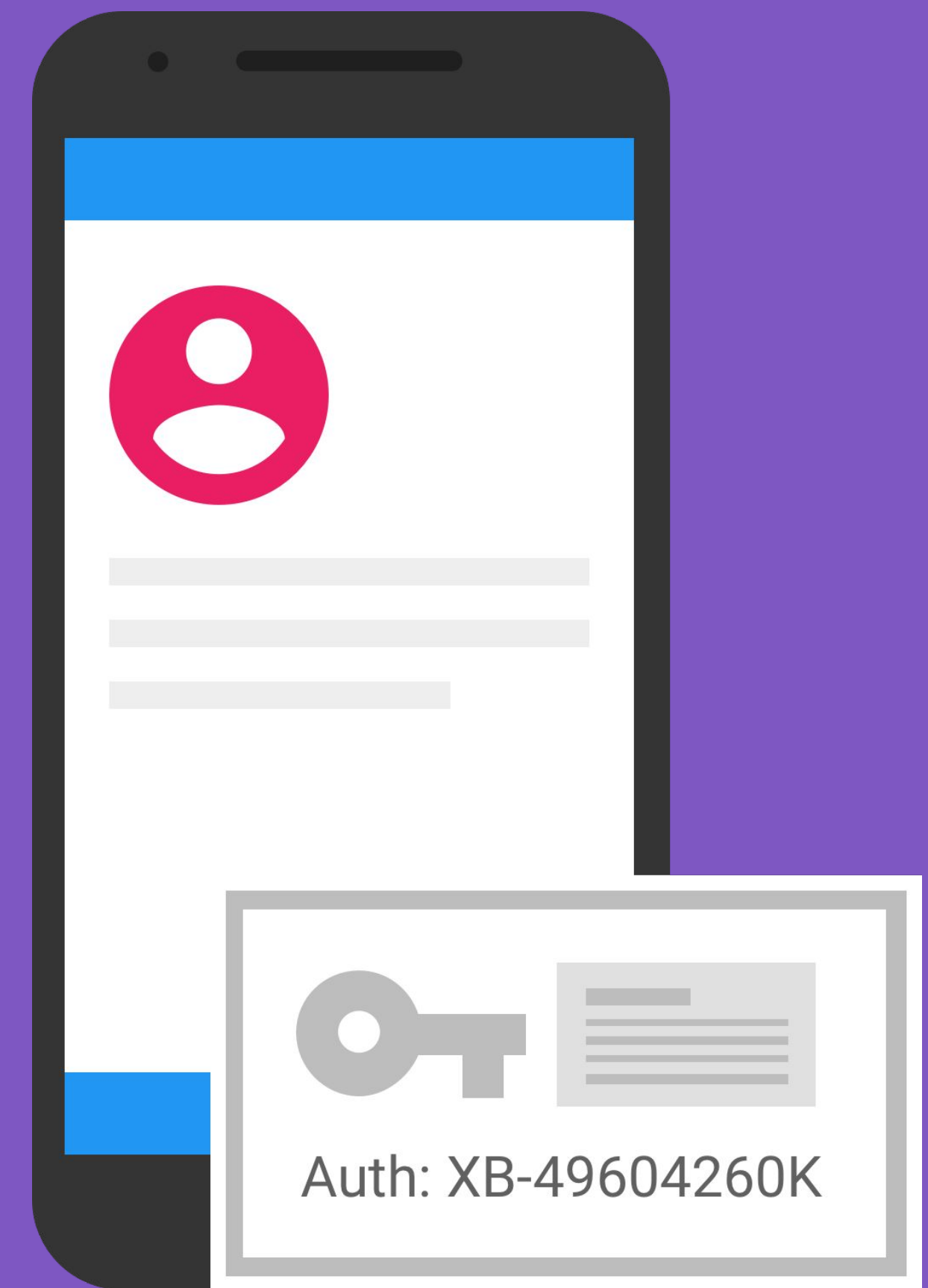
Firebase Auth

Supported sign-in methods

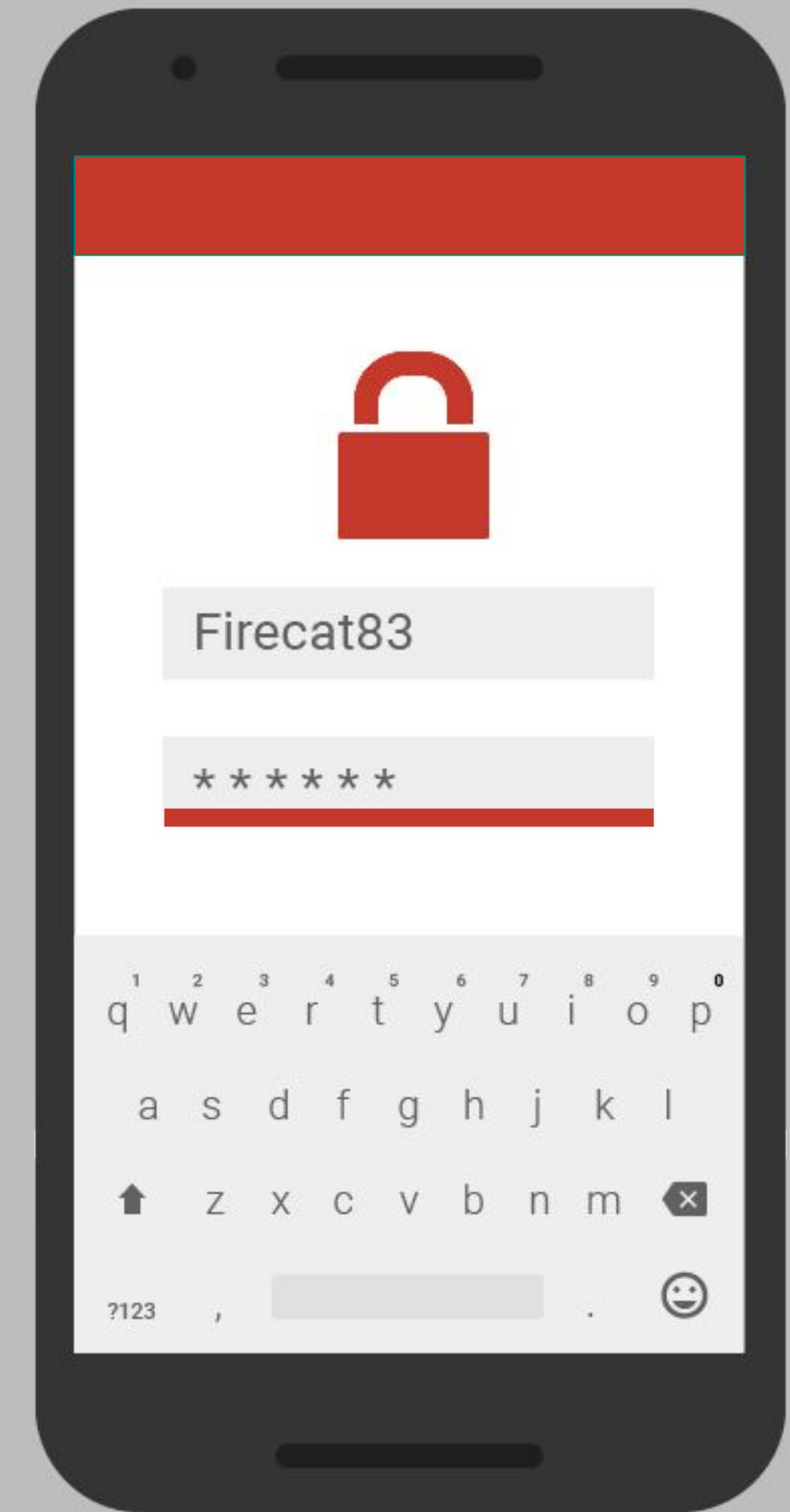
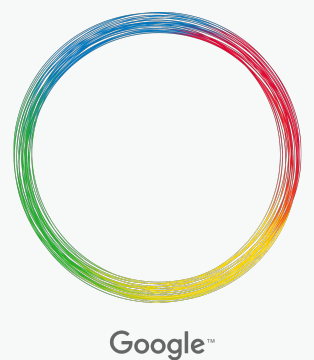




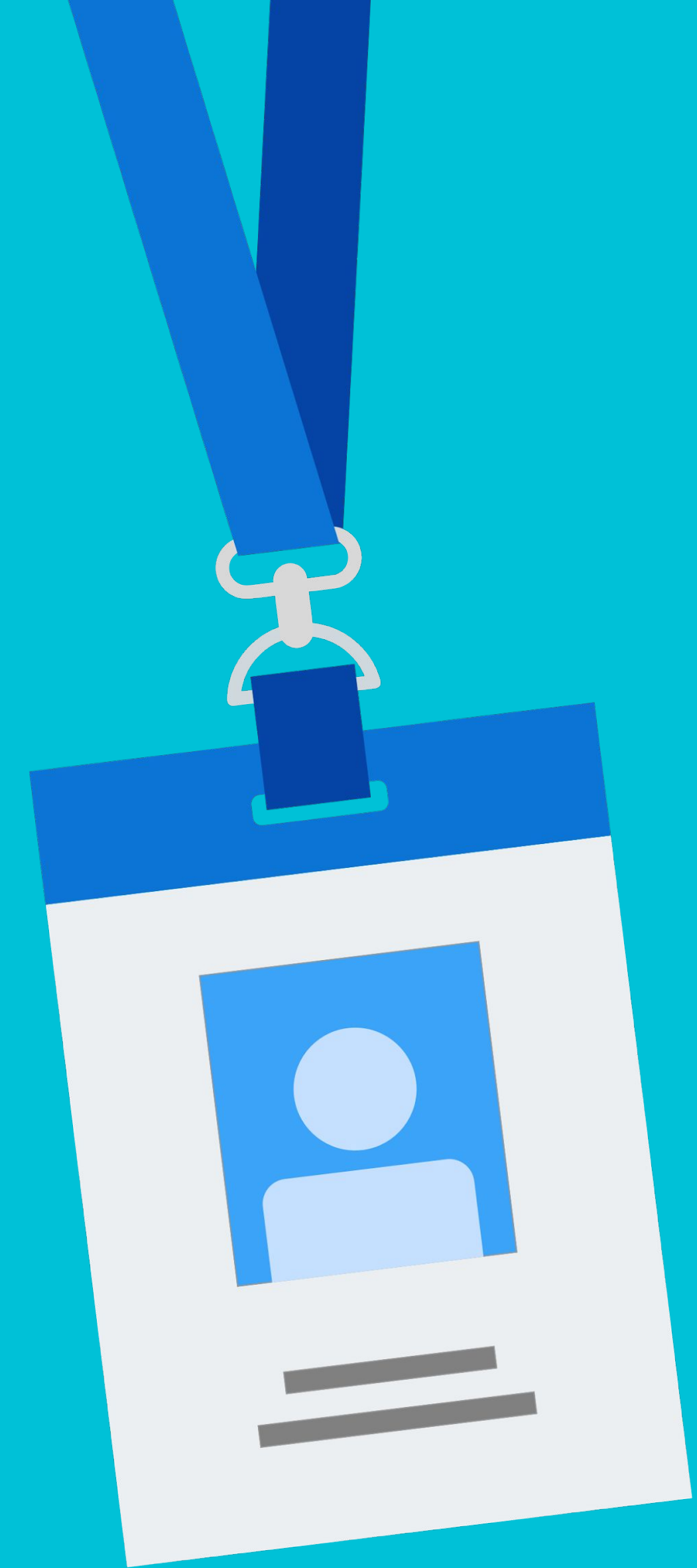
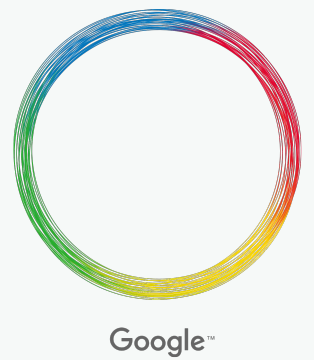
Session management



Password resets



Anonymous accounts



Let's code!





Firebase Hosting

Deploy your website to Firebase Hosting

```
$ firebase init
```

```
$ firebase serve
```

```
$ firebase deploy
```



Let's deploy it!











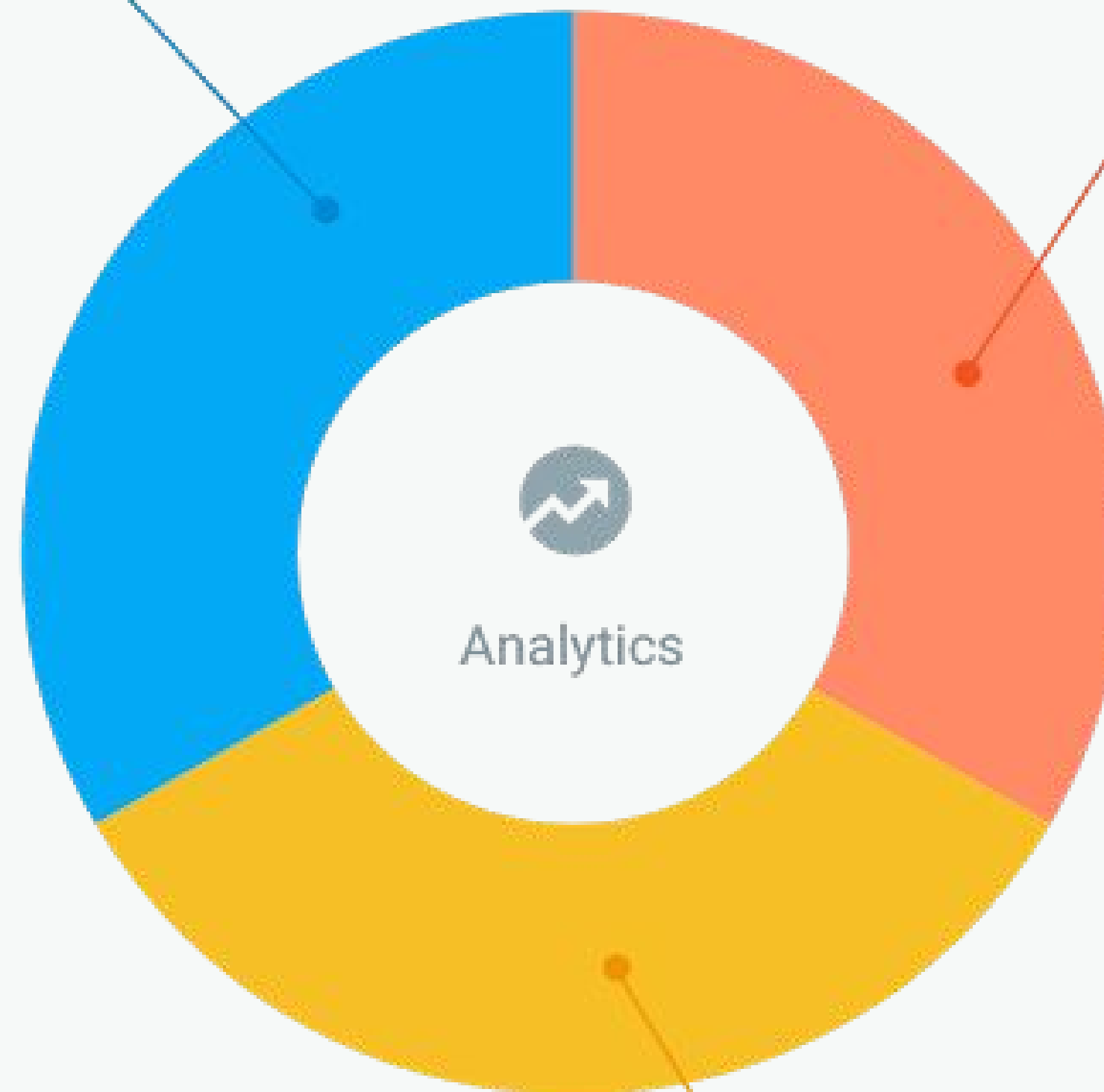
Let's chat!

zero-to-app-chat.firebaseio.com






But wait there's more!

DEVELOP

-  Realtime Database
-  Authentication
-  Cloud Messaging
-  Storage
-  Hosting
-  Remote Config
-  Test Lab
-  Crash Reporting



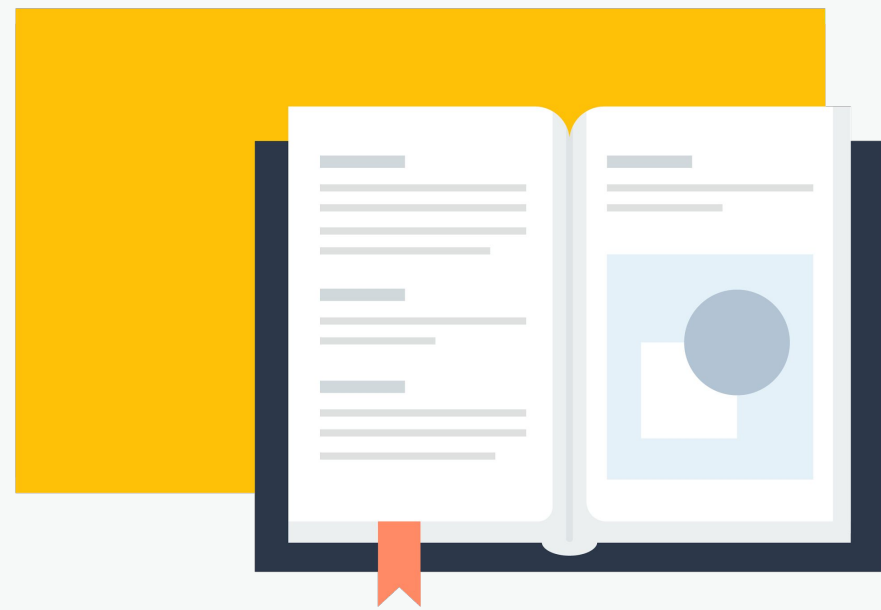
GROW

-  Notifications
-  App Indexing
-  Dynamic Links
-  Invites
-  AdWords

EARN



Need help?



Docs

Excellent developer
documentation

firebase.google.com/docs



Videos

Intro to features

youtube.com/firebase



Support

For both free and
paid developers

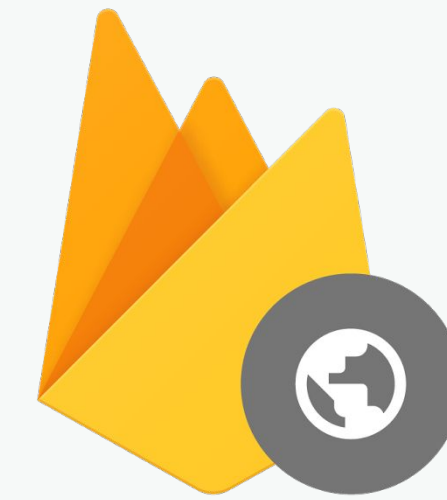


Thank You!



Lauren Long
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[github.com/laurenzlong
/firebase-zero-to-app](https://github.com/laurenzlong/firebase-zero-to-app)



Firebase Hosting



Firebase Storage



Firebase Auth



Firebase Database



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