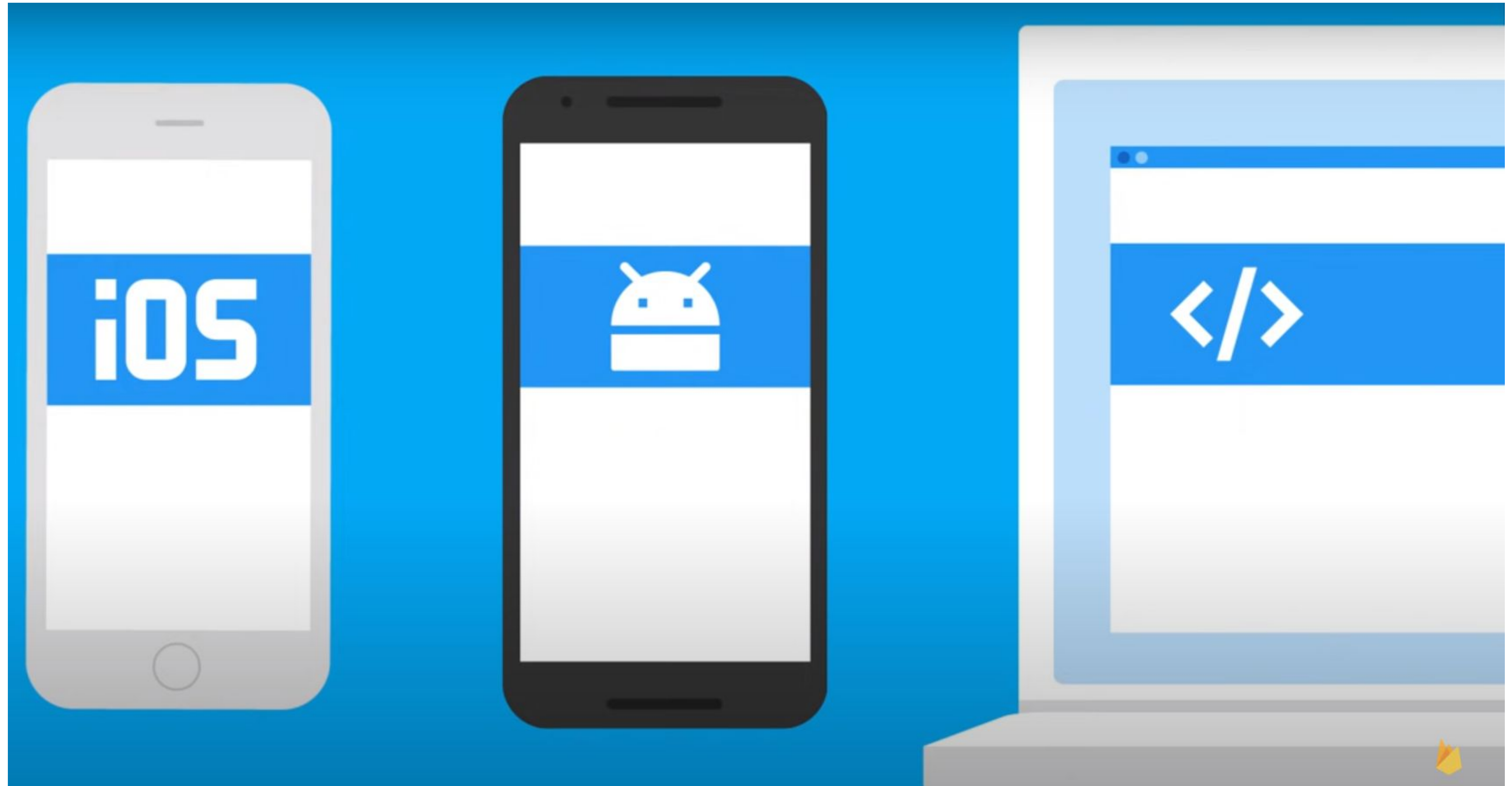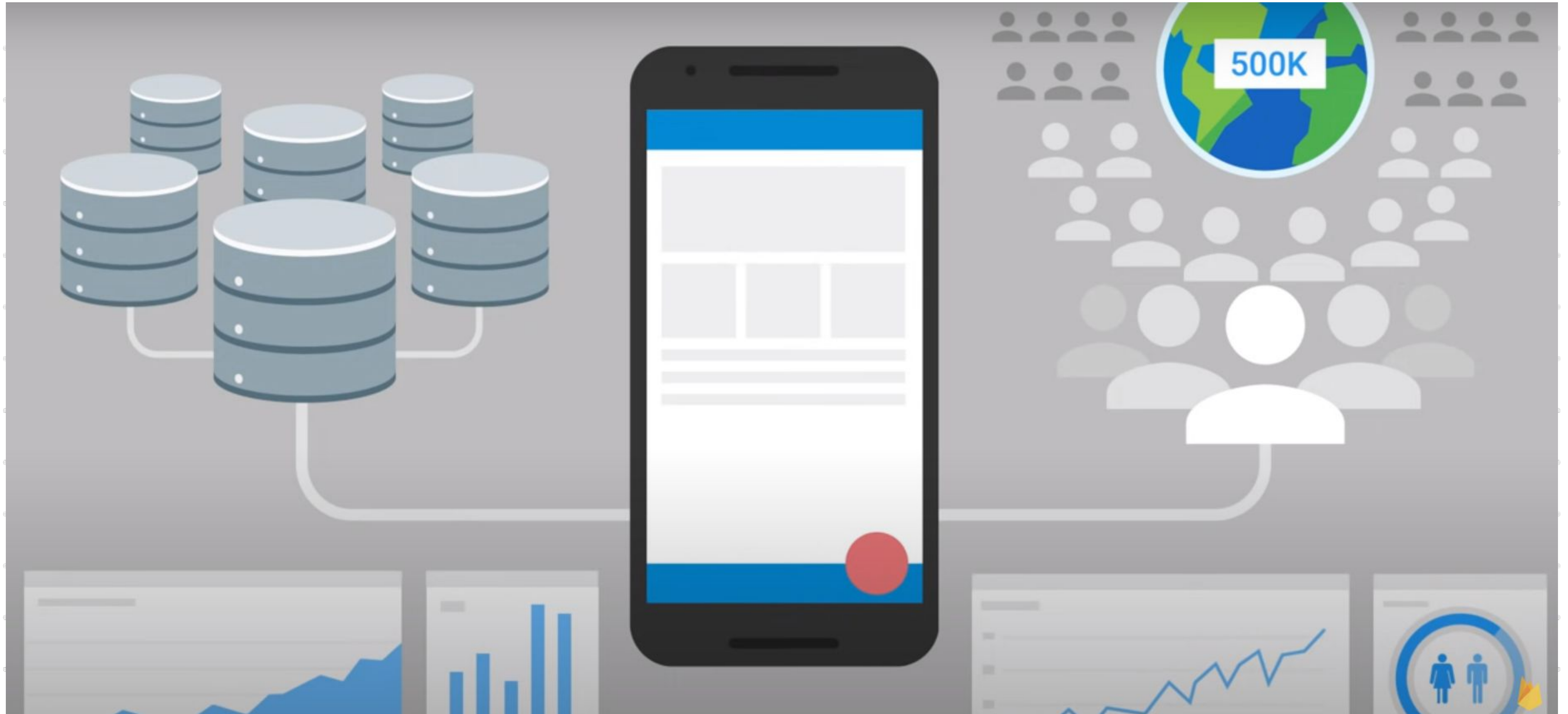# Firebase for Mobile Apps

Develop to all users

Need a Lot of Services

Firebase has a Lot of Tools

- help reach new users
- Scale up
- has a web console
- view crashes
- set up experiments
- track analytics
- ...

Install Firebase: 1) Automatic install script

```
curl -sSL https://firebase.tools | bash
```

Install Firebase: 2) npm

```
npm install -g firebase-tools
```

Install Firebase: 2) npm - install Node.JS

```
nvm install --lts
```

Its stands for Long Term Support

Install Firebase: 2) npm - Install nvm

```
curl -sSL \
https://raw.githubusercontent.com/nvm-sh/nvm/master/install.sh \
| bash
```

Install Firebase: 3) Standalone binary

- Download and run the specific binary for your OS
- Set up the globally available firebase command.
  - Make the binary executable by running **chmod +x ./firebase_tools.**
  - Add the binary's path to your PATH.
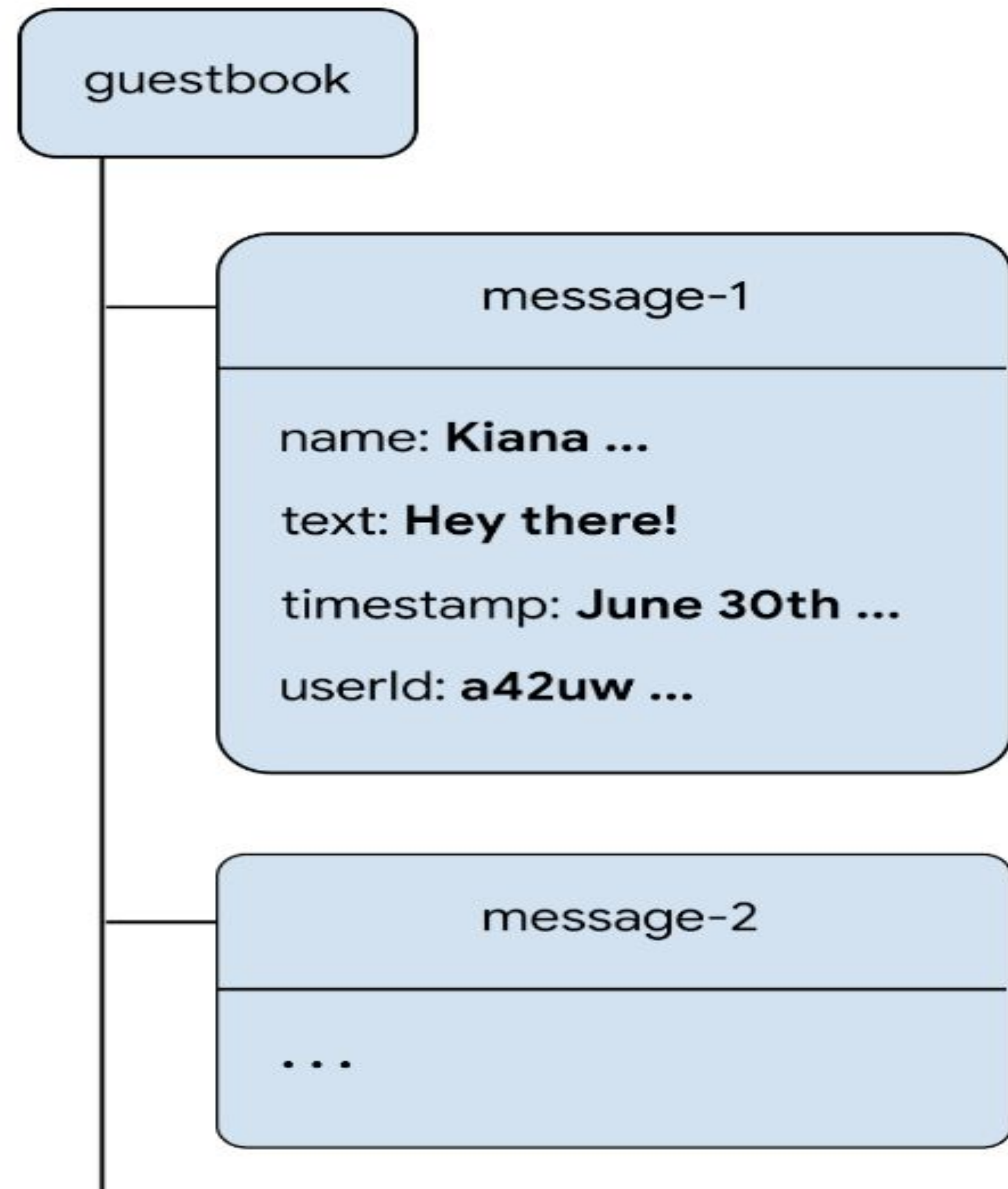
Login to Firebase via Command Line

```
firebase login
    # Sign in to Google
```

Choose Firebase project via Command Line

```
firebase use --add
  # Associate app with Firebase project
```

Firestore: A NoSQL DB

guestbook

message-1

name: **Kiana ...**

text: **Hey there!**

timestamp: **June 30th ...**

userId: **a42uw ...**

message-2

...

- Stored data is split into:
  - collections
  - subcollections
  - documents
  - fields

- **Ex:** store each chat message as a document in a top-level collection called guestbook.

Questions