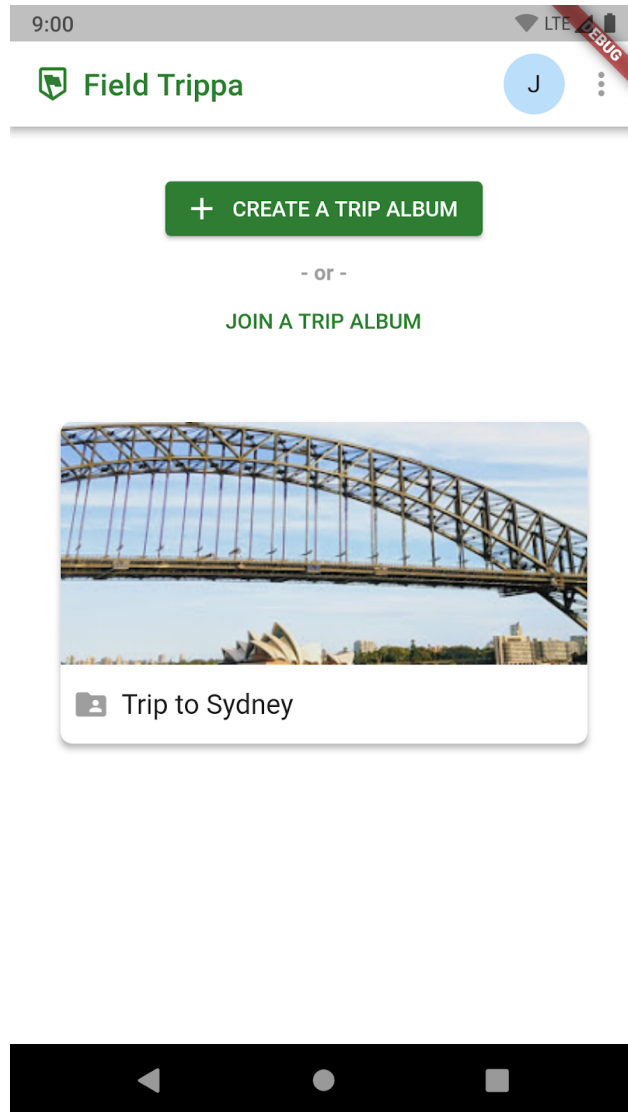


1. Introduction

What you will build

In this codelab, you'll build a field trip app, Field Trippa, that enables users to share photos.

Learn how to use the Google Photos Library API to back a media sharing experience in your own application.



What you'll learn

- ✓ How to use the [Google Photos Library API](#) to upload media and share albums
- ✓ How to use [Google Sign-In](#) in Flutter
- ✓ How to make Google API calls from Flutter

What you'll need

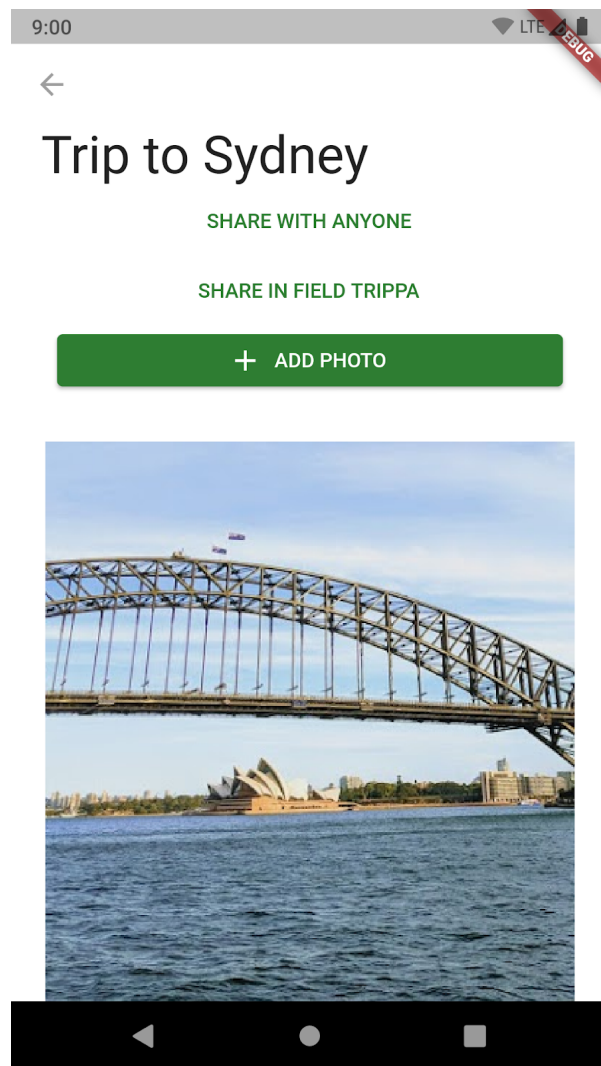
- Flutter development environment
- **Two** Google user accounts set up on different emulators or devices that have access to [Google Photos](#), so you can test sharing between users

Overview over the Field Trip Gallery App - "Field Trippa"

In this codelab you will build an app to share photos for an excursion or field trip, built using the Google Photos Library API.

The user logs in using Google Sign-In and authorizes the application to use the Google Photos Library API.

Then, the user can create a `trip` for uploading photos with a description. Each `trip` can be shared with other members of the application, who can also contribute photos.



Under the hood, each `trip` is stored as a *shared album* inside Google Photos. The app handles sharing and uploading to this album, but you can also share the album with others who do not have the app directly through a URL to Google Photos.

9:00

LTE



Trip to Sydney

May 3

