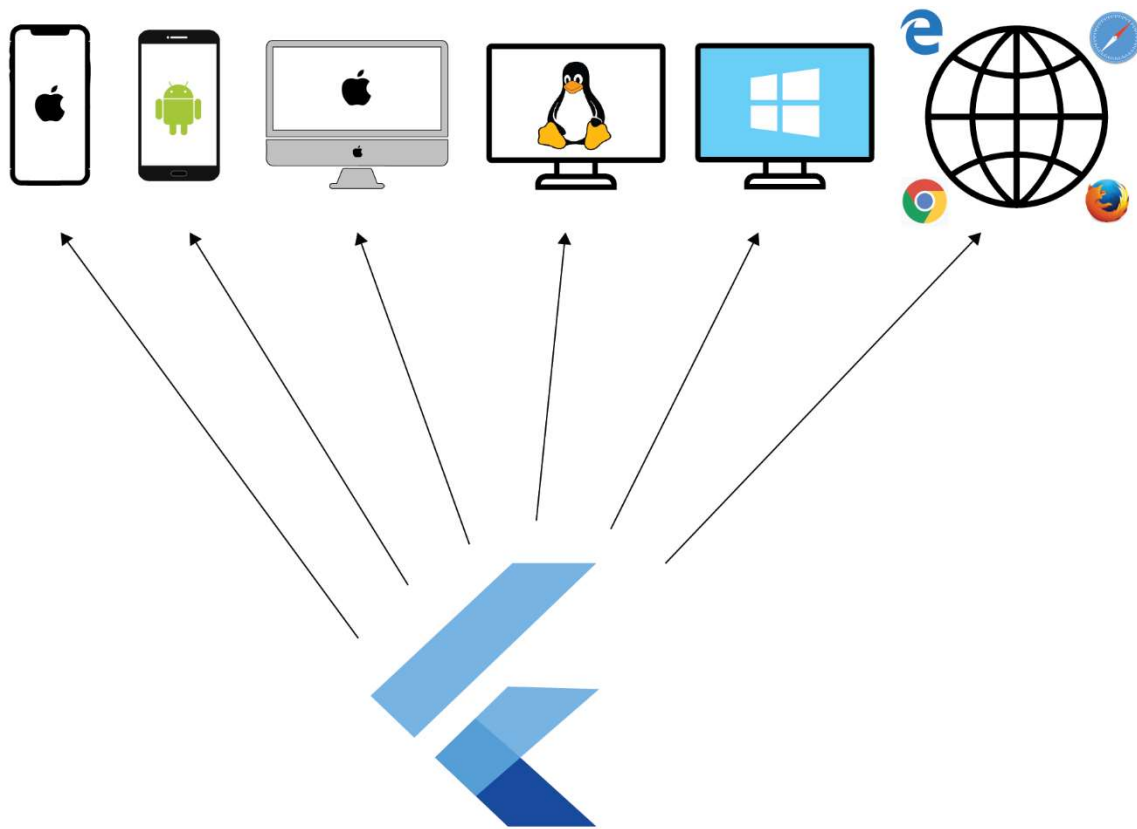


## Chapter 01: Getting Started with Flutter on the Web



Flutter Demo Home Page

DEBUG


You have pushed the button this many times:

0



## Chapter 2: Creating Your First Web App

Flutter Academy




# Welcome to Flutter Academy

Your one stop education hub to learn Flutter.

## Welcome to Flutter Academy


Your one stop education hub to learn Flutter.

### Recent courses



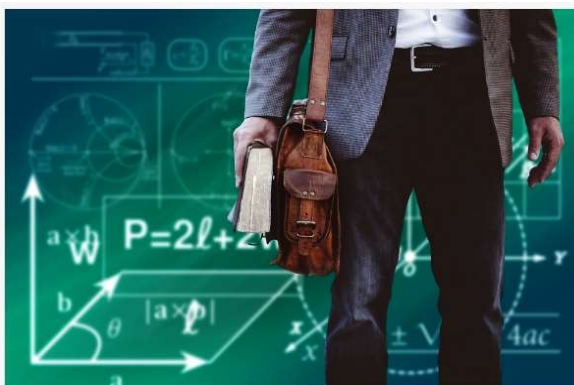
#### Taking Flutter to Web

Flutter web is stable. But there are no proper course focused on Flutter web. So, in this course we will learn what Flutter web is good for and we will build a production grade application along the way.



#### Taking Flutter to Web

Flutter web is stable. But there are no proper course focused on Flutter web. So, in this course we will learn what Flutter web is good for and we will build a production grade application along the way.



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## Chapter 3: Building Responsive and Adaptive Designs



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## Flutter Academy

[Home](#)

[Courses](#)

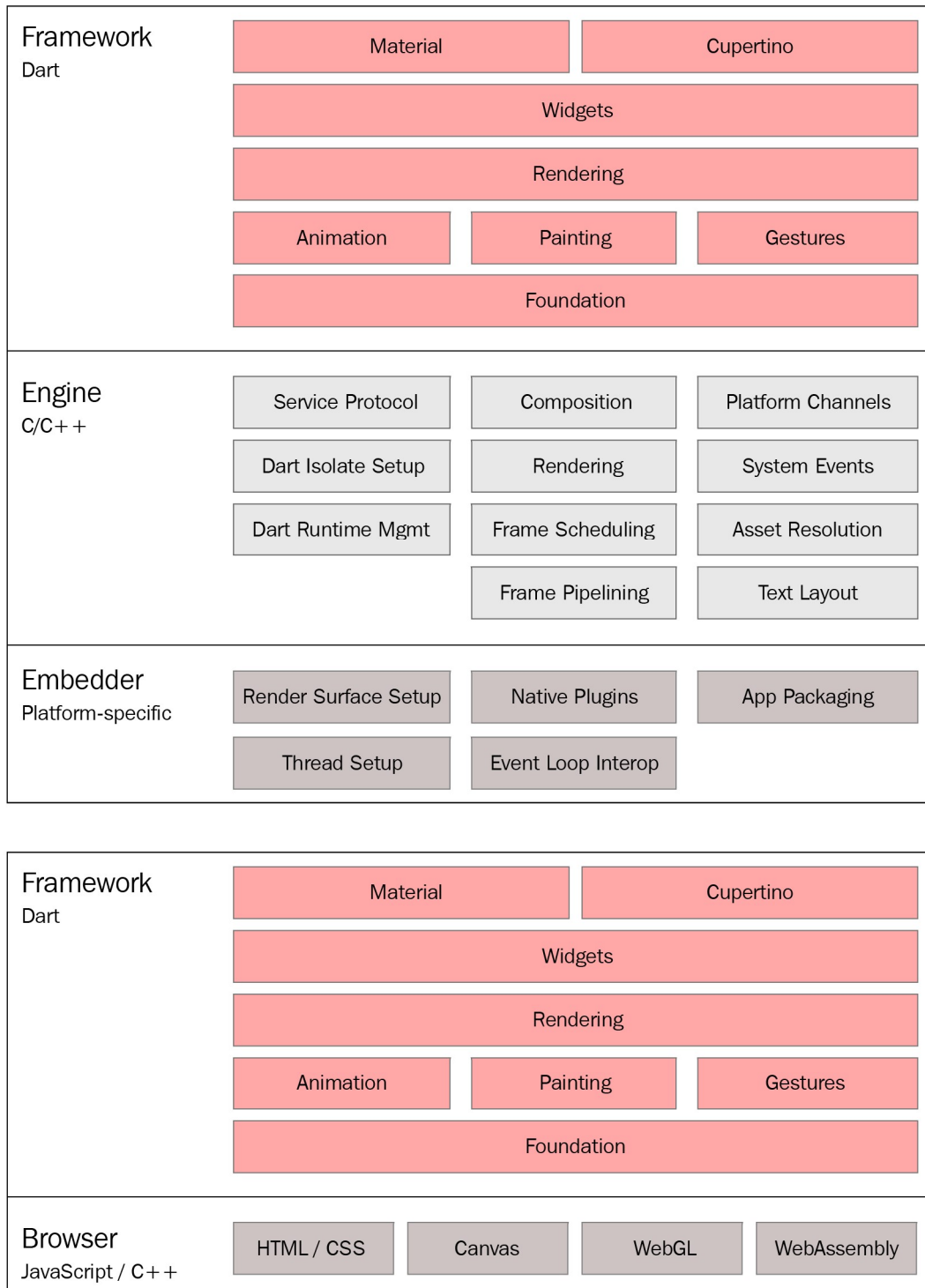
[About](#)

[Contact](#)

# Flutter

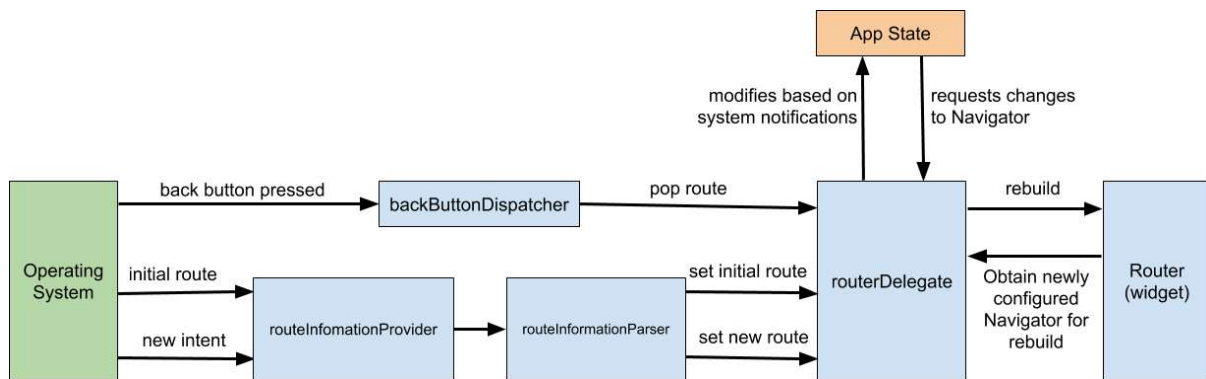
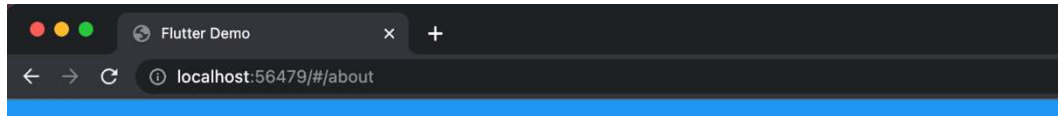
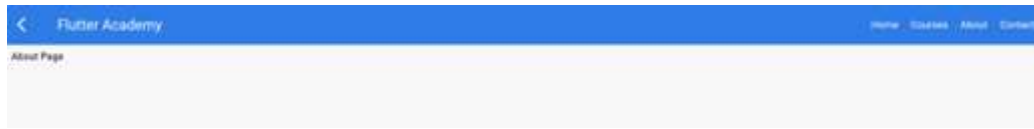
ion hub to learn Flutter.

## Chapter 4: Flutter Web under the Hood

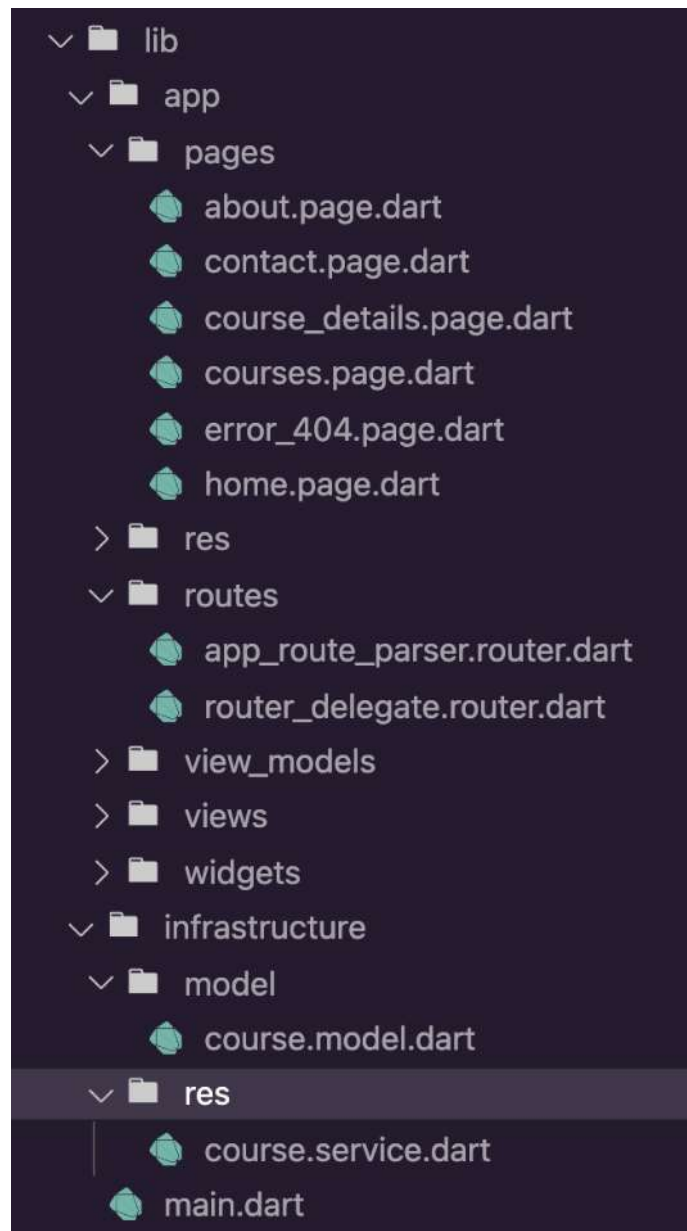




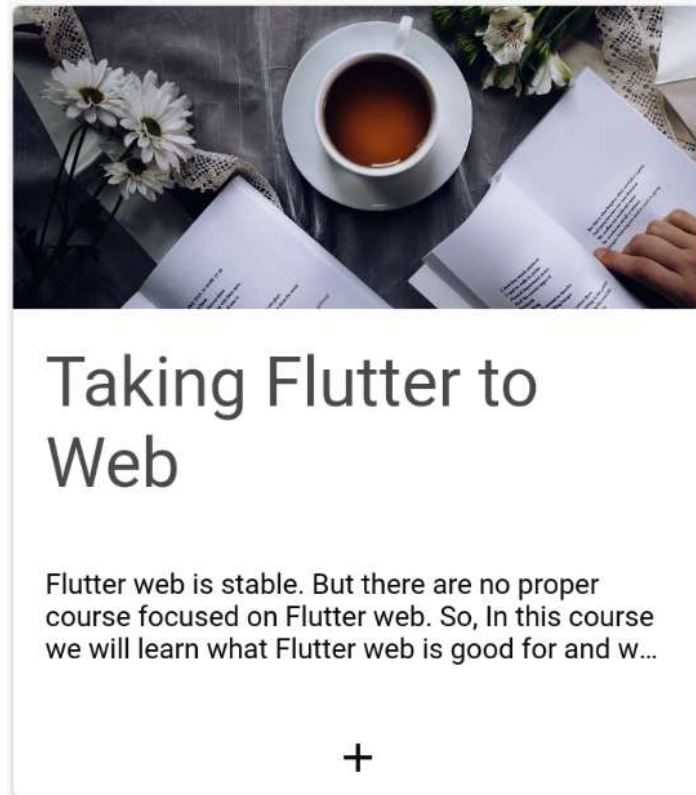
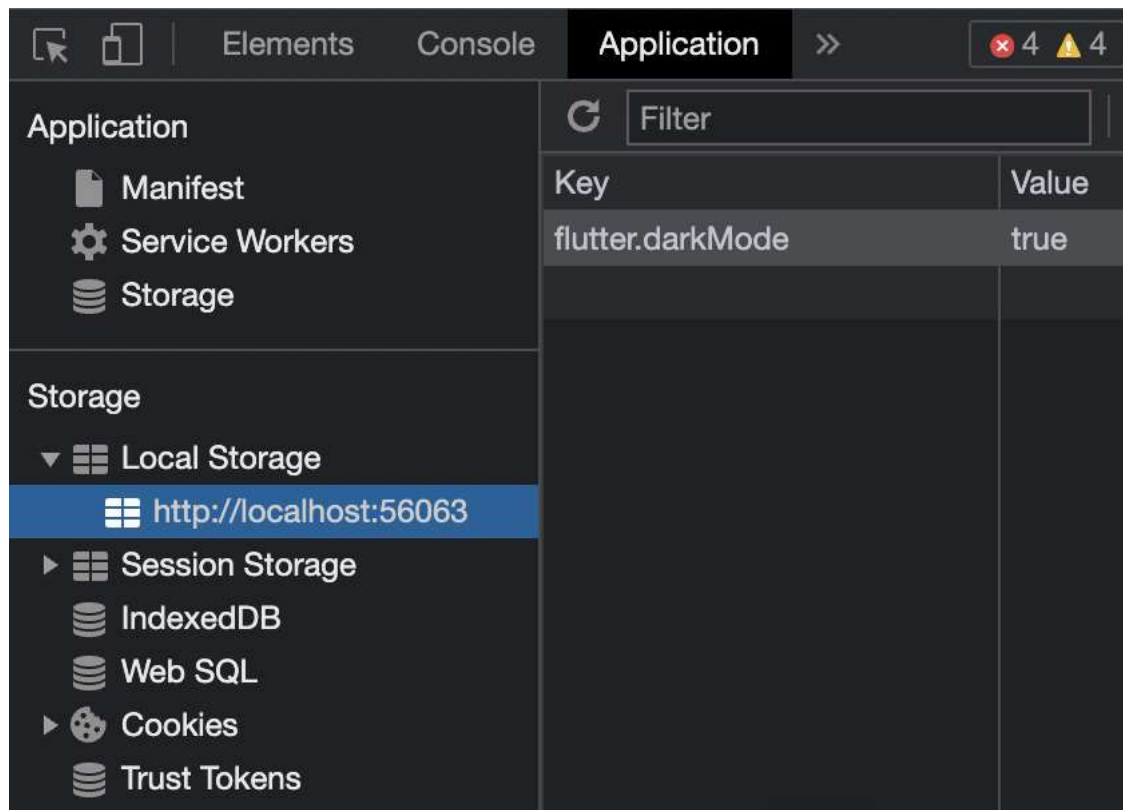
## Chapter 5: Understanding Routes and Navigation

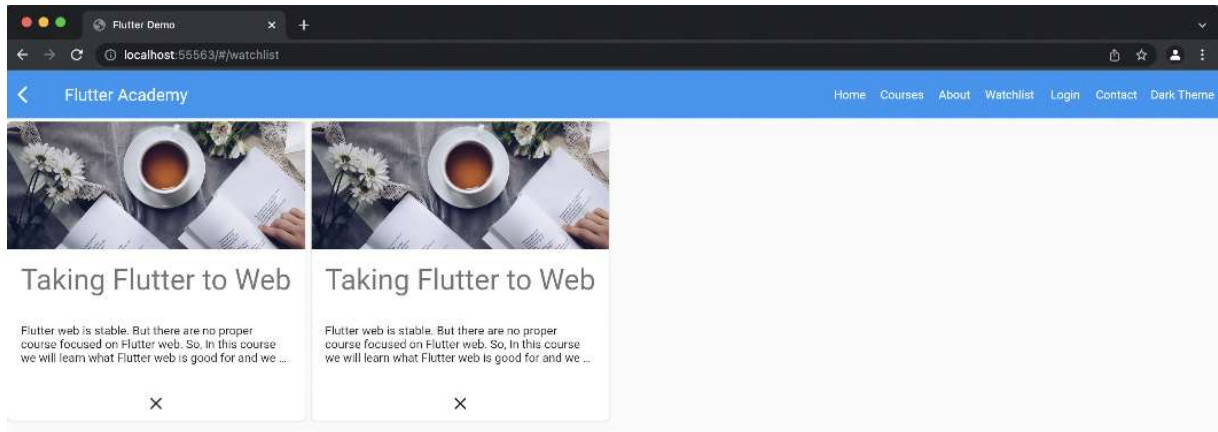


## Chapter 6: Architecting and Organizing



## Chapter 7: Implementing Persistence





## Chapter 8: State Management in Flutter

*No Images...*

## Chapter 9: Integrating Appwrite

Marketplace


Categories ▾

Use Cases ▾

For Vendors ▾

Switch To ▾

All Categories > Developer Tools



### Appwrite

by Appwrite

Version 0.13.4 OS Ubuntu 20.04

DEVELOPER TOOLS

Search for other solutions

Create Appwrite Droplet

#### Description

Appwrite provides you with all the core APIs you need for building a modern application packaged together as a set of easy-to-use Docker containers.

With the Appwrite REST and Realtime API, you could easily integrate and manage user authentication, storage management, and data persistency. Appwrite offers multiple SDKs to integrate from a variety of platforms and coding languages. Appwrite also includes a Cloud Functions service to allow you to customize your API for any special use-case you might need.

Appwrite can be easily integrated within your app from both client and server sides. Unlike most BAAS solutions, Appwrite doesn't aim to replace your existing backend architecture and can work very well alongside it.

#### Support Details

Supported By: Appwrite  
Hours: SUN - FRI 10 AM - 5 PM  
Support URL: <https://appwrite.io>  
Support Email: [team@appwrite.io](mailto:team@appwrite.io)

#### Additional Links

[Documentation](#)  
Appwrite official documentation

### Choose a plan

[Help me choose](#)









SHARED CPU	DEDICATED CPU			
Basic	General Purpose	CPU-Optimized	Memory-Optimized	Storage-Optimized

Basic virtual machines with a mix of memory and compute resources. Best for small projects that can handle variable levels of CPU performance, like blogs, web apps and dev/test environments.

CPU options: ☐ Regular with SSD ☐ Premium Intel with NVMe SSD **NEW** ☒ Premium AMD with NVMe SSD **NEW**

<b>\$6/mo</b> \$0.009/hour	<b>\$12/mo</b> \$0.018/hour	<b>\$18/mo</b> \$0.027/hour	<b>\$24/mo</b> \$0.036/hour	<b>\$48/mo</b> \$0.071/hour	<b>\$96/mo</b> \$0.143/hour
1 GB / 1 AMD CPU 25 GB NVMe SSDs 1000 GB transfer	2 GB / 1 AMD CPU 50 GB NVMe SSDs 2 TB transfer	2 GB / 2 AMD CPUs 60 GB NVMe SSDs 3 TB transfer	4 GB / 2 AMD CPUs 80 GB NVMe SSDs 4 TB transfer	8 GB / 4 AMD CPUs 160 GB NVMe SSDs 5 TB transfer	16 GB / 8 AMD CPUs 320 GB NVMe SSDs 6 TB transfer

### Choose a datacenter region

 New York 1 2 3	 San Francisco 1 2 3	 Amsterdam 2 3	 Singapore 1	 London 1	 Frankfurt 1
 Toronto 1	 Bangalore 1				

# Authentication ?

☒ **SSH keys**  
A more secure authentication method

☐ **Password**  
Create a root password to access Droplet (less secure)

Choose your SSH keys

☐ **Select all**

☐ OutlineServerFra...

☐ OutlineServerBan...

☒ **dlohani**

New SSH Key

Sign Up

Please create your root account

\* All fields are required

Name

Damodar

Email

damodar@flutterwebbook.dev

Password

.....

☒ By signing up, you agree to the Terms and Conditions and Privacy Policy

☐ Sign up for our monthly newsletter (optional).

Sign Up



## Your Projects

Take advantage of the Appwrite APIs and tools.

[Docs](#) [Support](#)

### Get Started

No Projects Found, Create your first project now.

Create Project

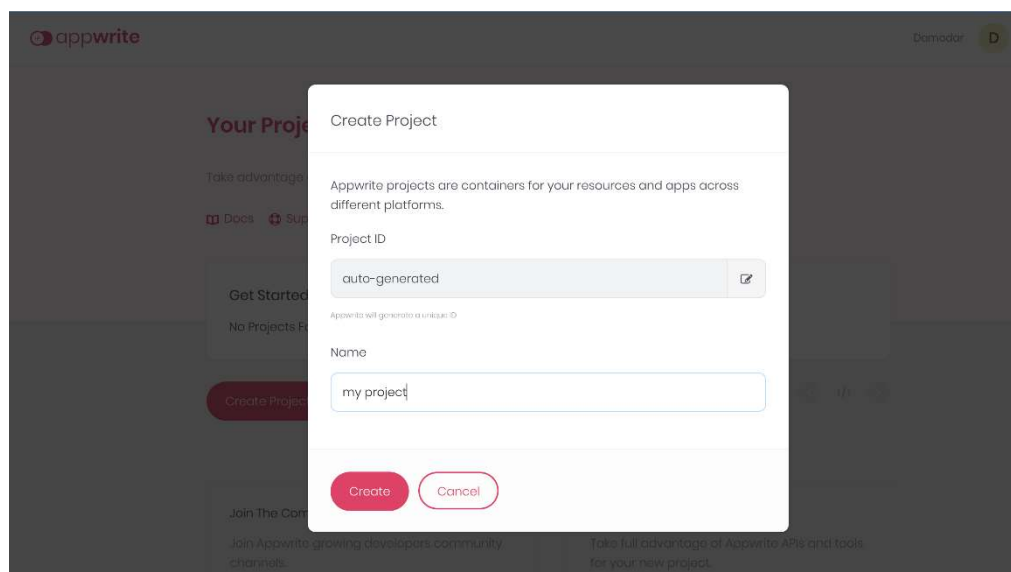
< 1/1 >

### Join The Community

Join Appwrite growing developers community channels.

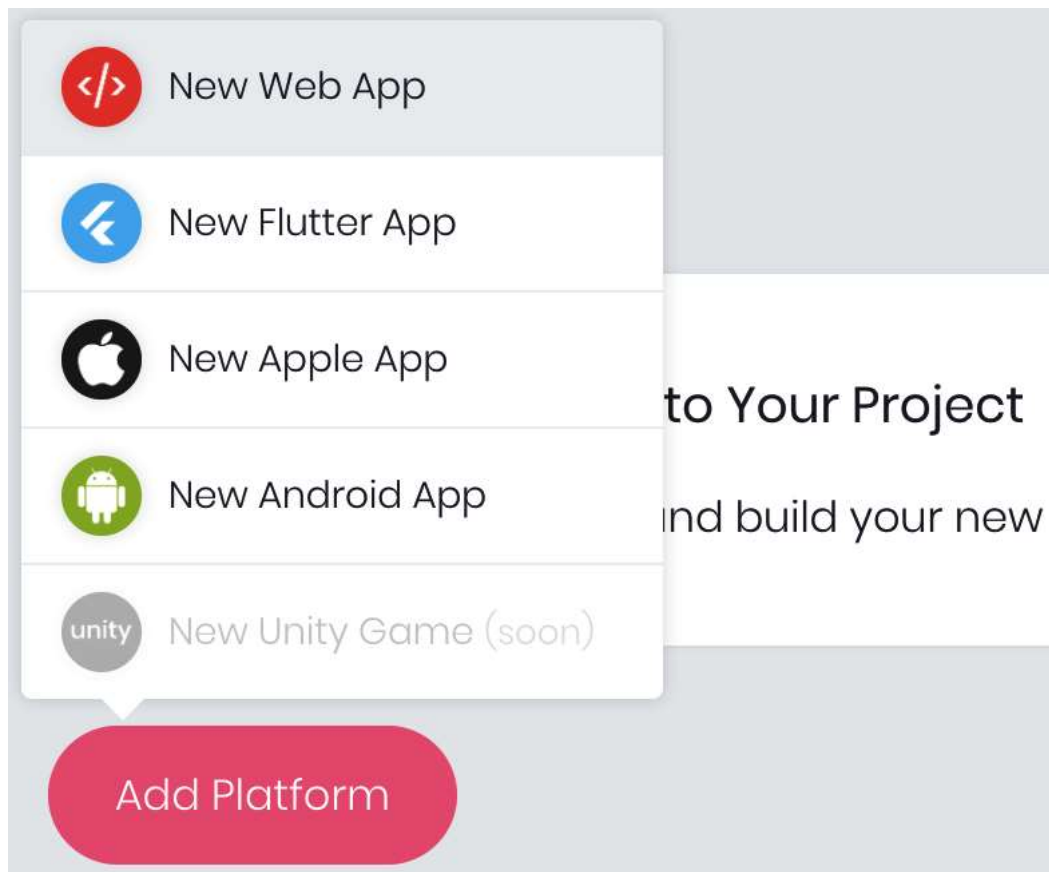
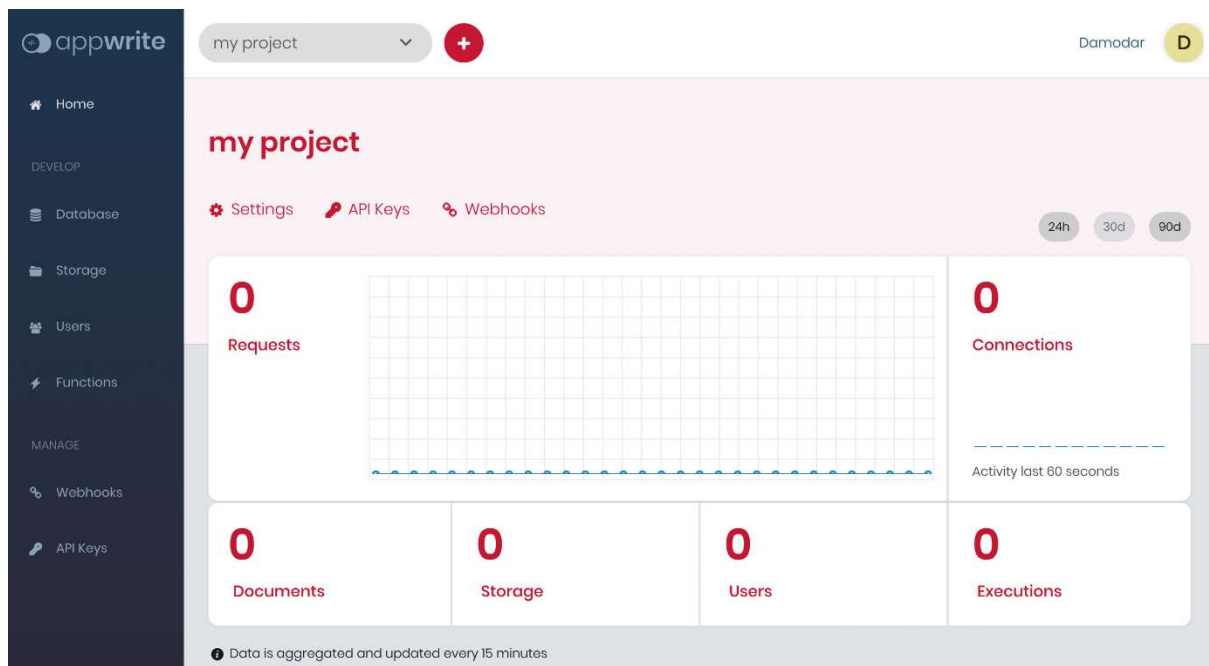
### Read The Docs

Take full advantage of Appwrite APIs and tools for your new project.



The screenshot shows the 'Create Project' modal dialog in the Appwrite interface. The dialog is white with a dark background behind it. It contains the following elements:

- Title:** 'Create Project'
- Description:** 'Appwrite projects are containers for your resources and apps across different platforms.'
- Project ID:** A text input field containing 'auto-generated' with a small icon to its right.
- Name:** A text input field containing 'my project'.
- Buttons:** 'Create' (red) and 'Cancel' (white) buttons at the bottom.



## New Web App



Name ?

Flutter Academy Web

Hostname ?

localhost

### Next Steps

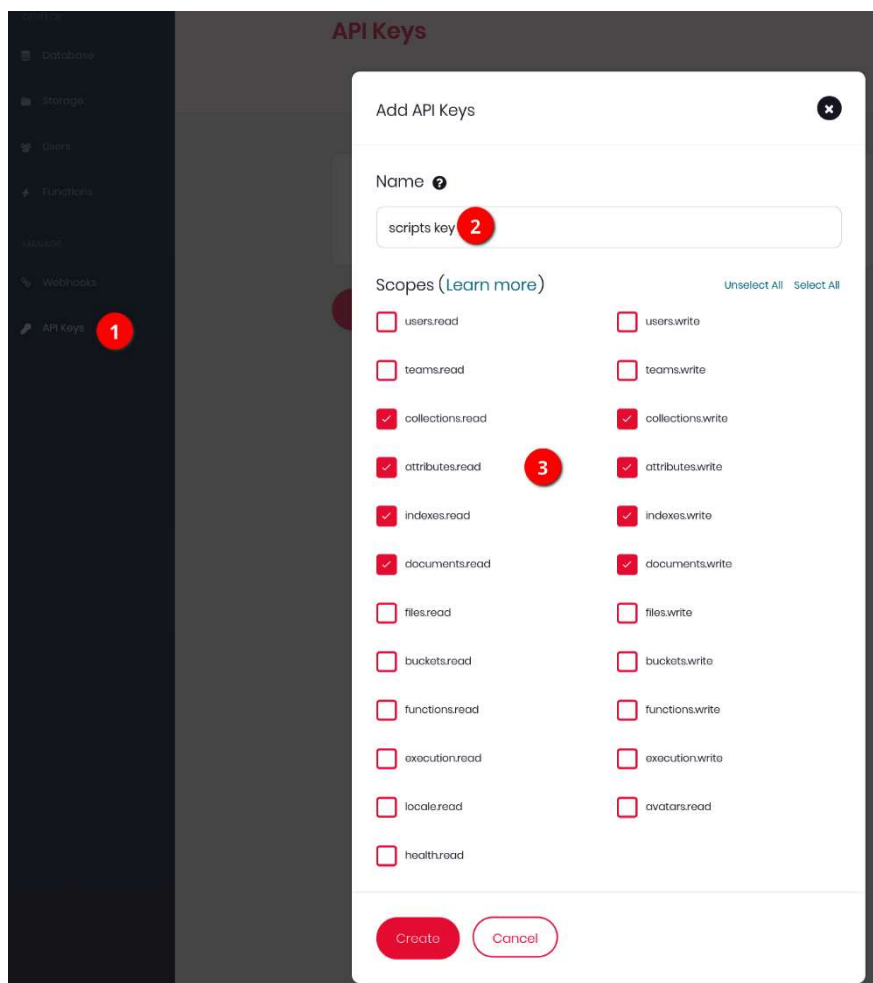
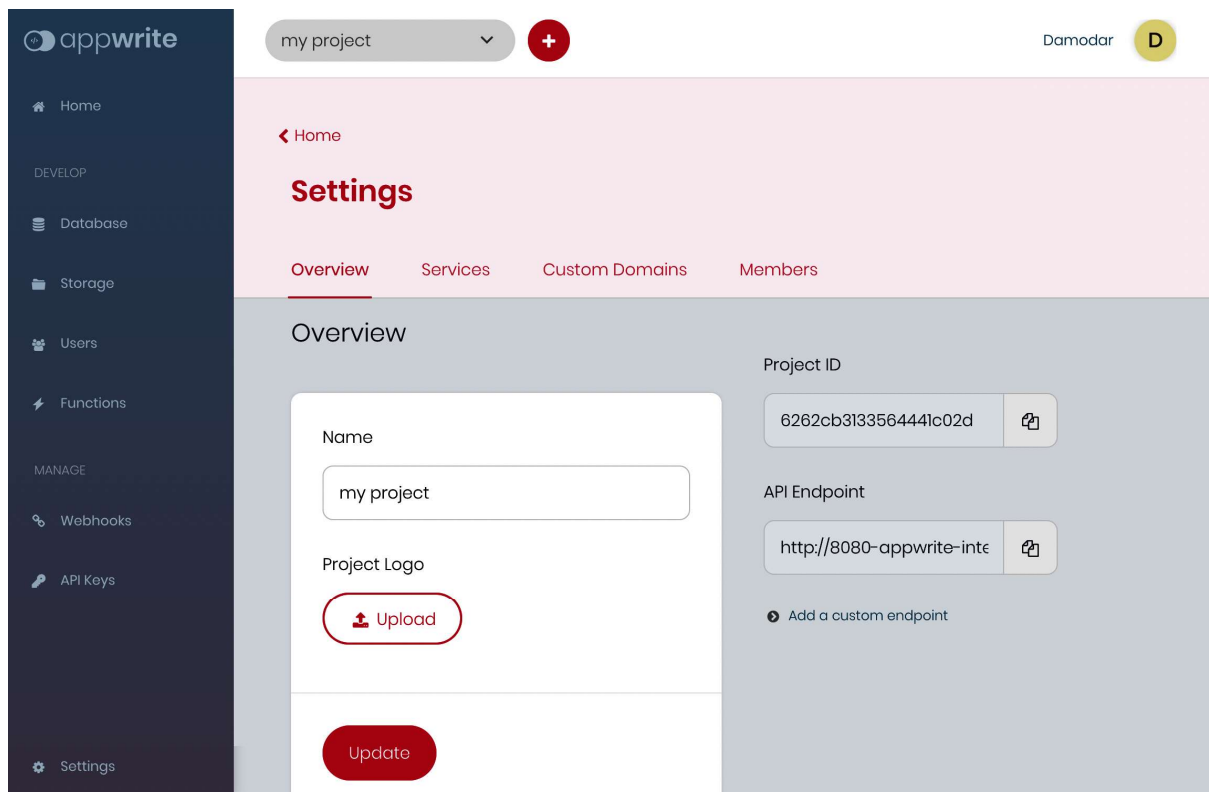
After adding your new website, install our Web SDK to integrate with your code and read our [getting started](#) tutorial.

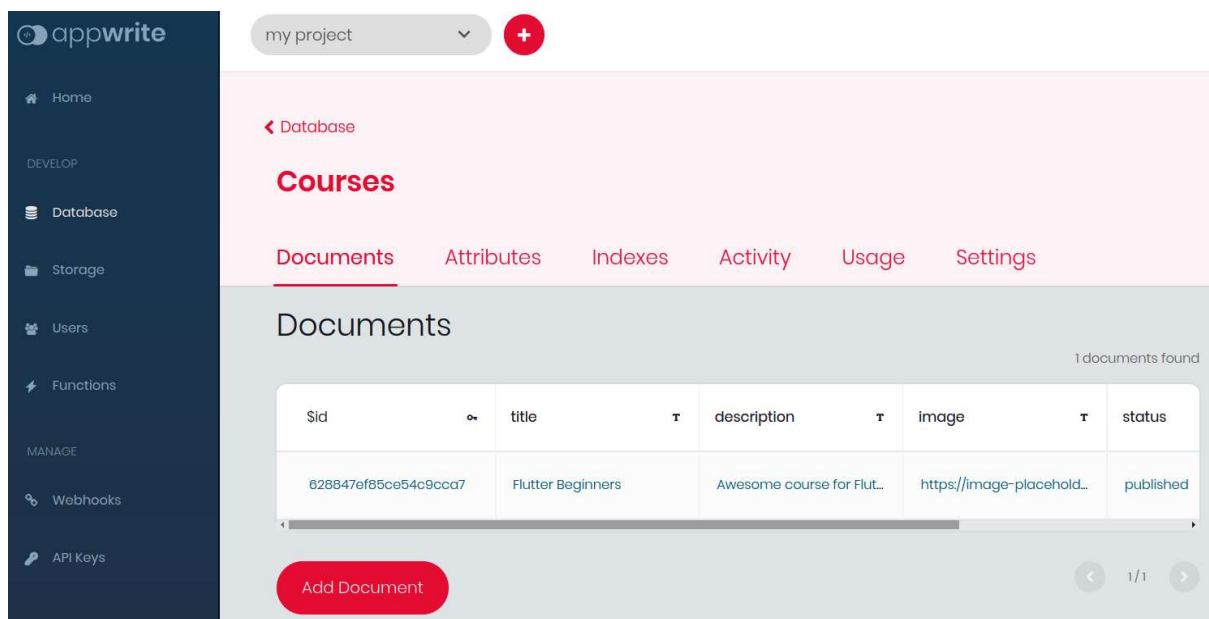
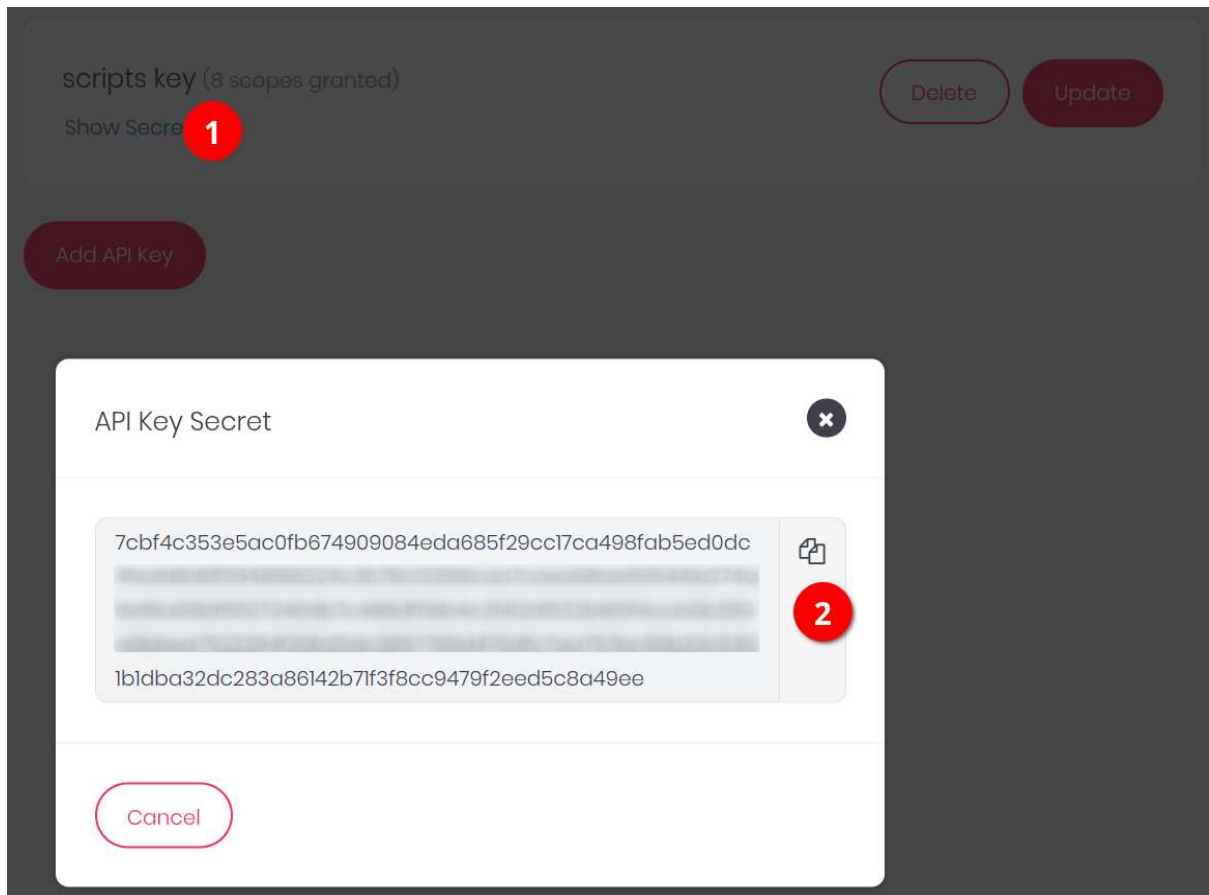
```
1  npm install appwrite
```

bash

Register

Cancel





## Watchlist

Documents

Attributes

Indexes

Activity

Usage

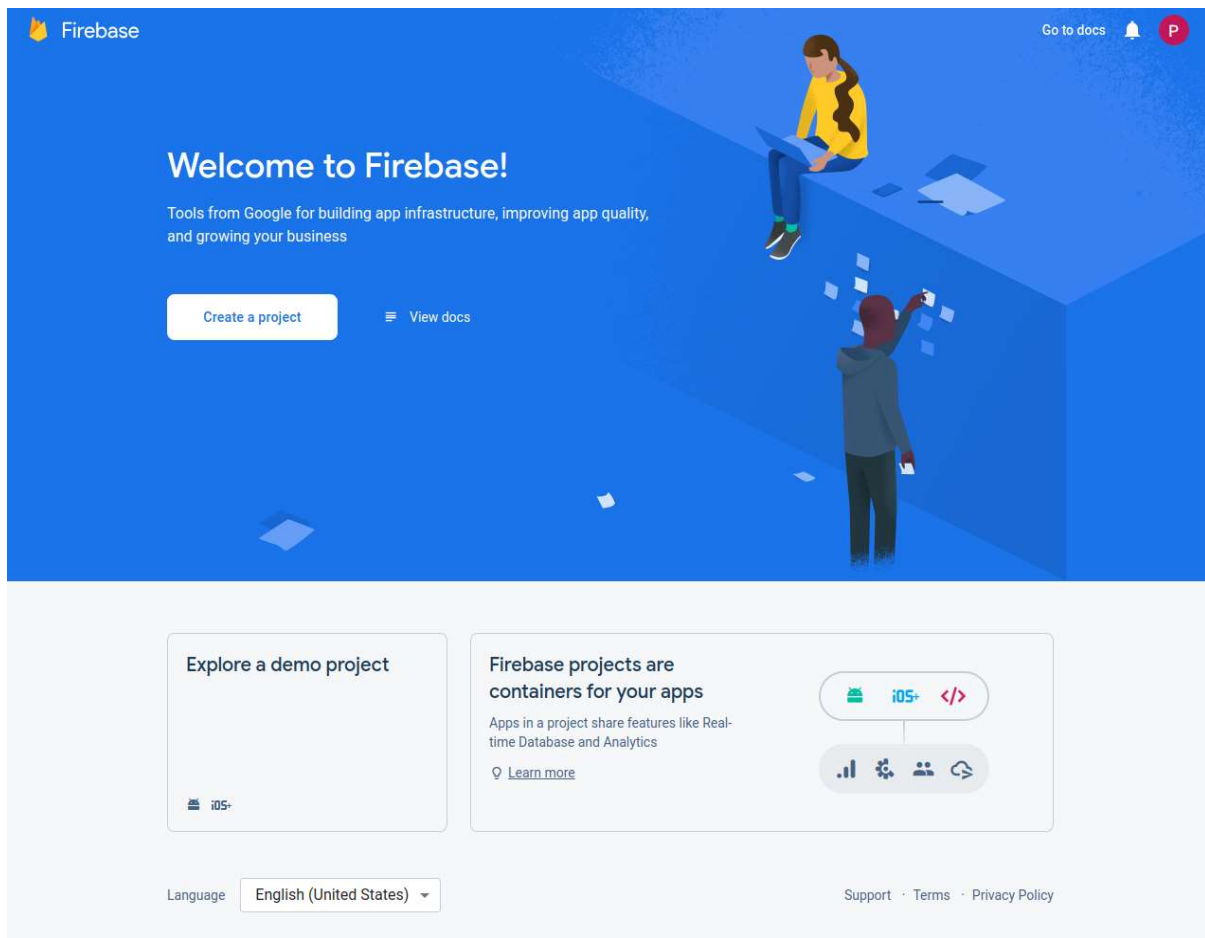
Settings

## Attributes

		Attribute ID	Type		
T	available	userid	string	required	...
T	available	courseld	string	required	...

Add Attribute

## Chapter 10: Firebase Integration






✕ Create a project (Step 1 of 3)

## Let's start with a name for your project<sup>?</sup>

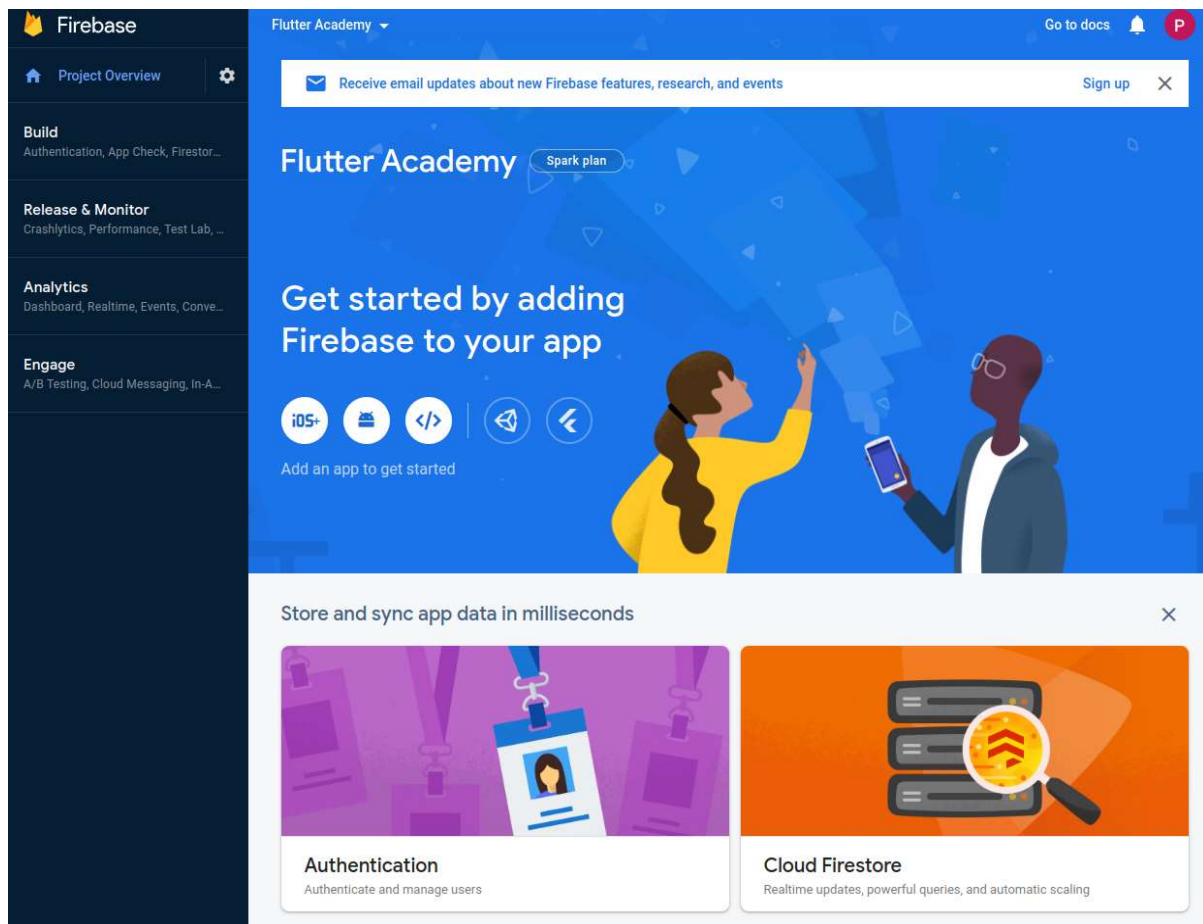
Project name

Flutter Academy

 flutter-academy-4235e

- ☒ I accept the [Firebase terms](#)
- ☒ I confirm that I will use Firebase exclusively for purposes relating to my trade, business, craft, or profession.

Continue



```
dlohani@DLS-M1 chapter10_final % firebase login
i Firebase optionally collects CLI usage and error reporting information to help improve our products. Data is collected in accordance with Google's privacy policy (https://policies.google.com/privacy) and is not used to identify you.

? Allow Firebase to collect CLI usage and error reporting information? No

Visit this URL on this device to log in:
https://accounts.google.com/o/oauth2/auth?client_id=563584335869-fgrhgm47bqnekij5i8b5pr03ho849e6.apps.googleusercontent.com&scope=email%20openid%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloudplatformprojects.readonly%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Ffirebase%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform&response_type=code&state=698363932&redirect_uri=http%3A%2F%2Flocalhost%3A9005

Waiting for authentication...
```

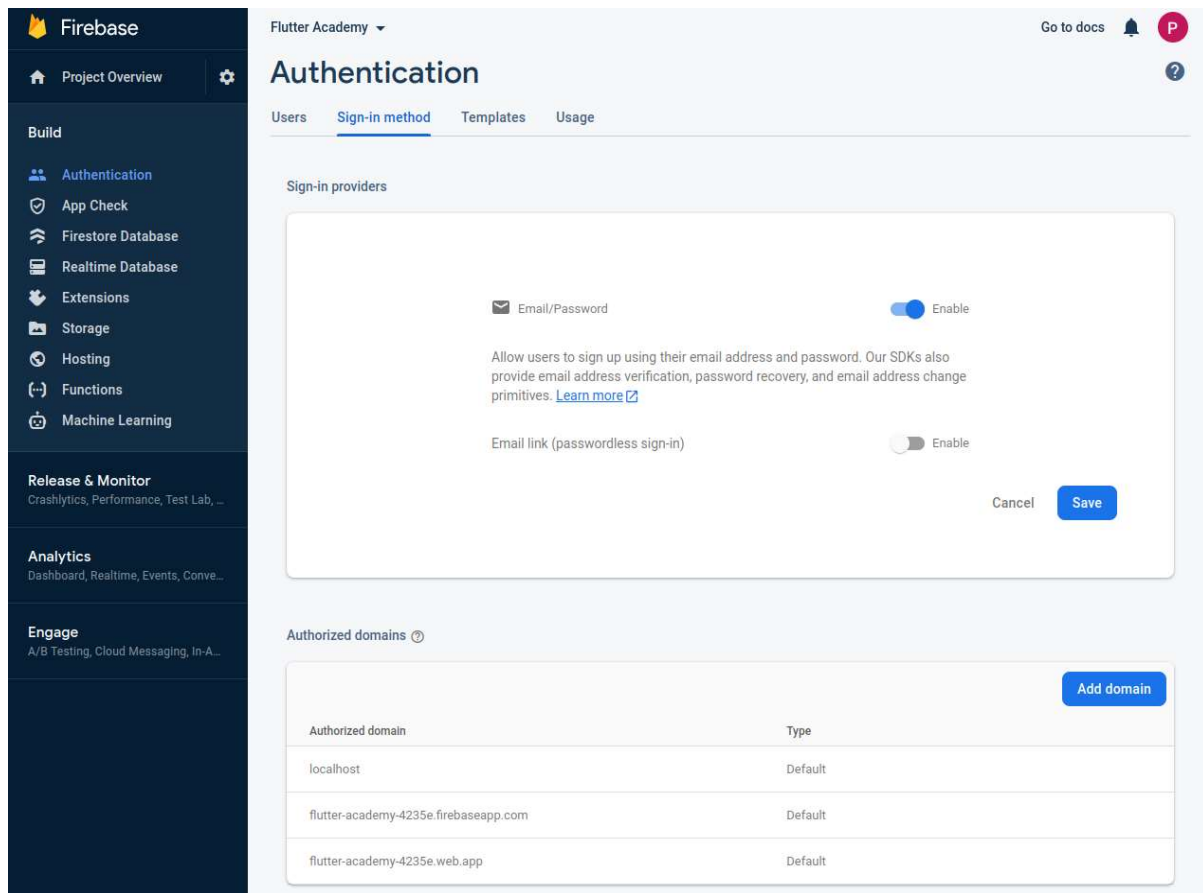
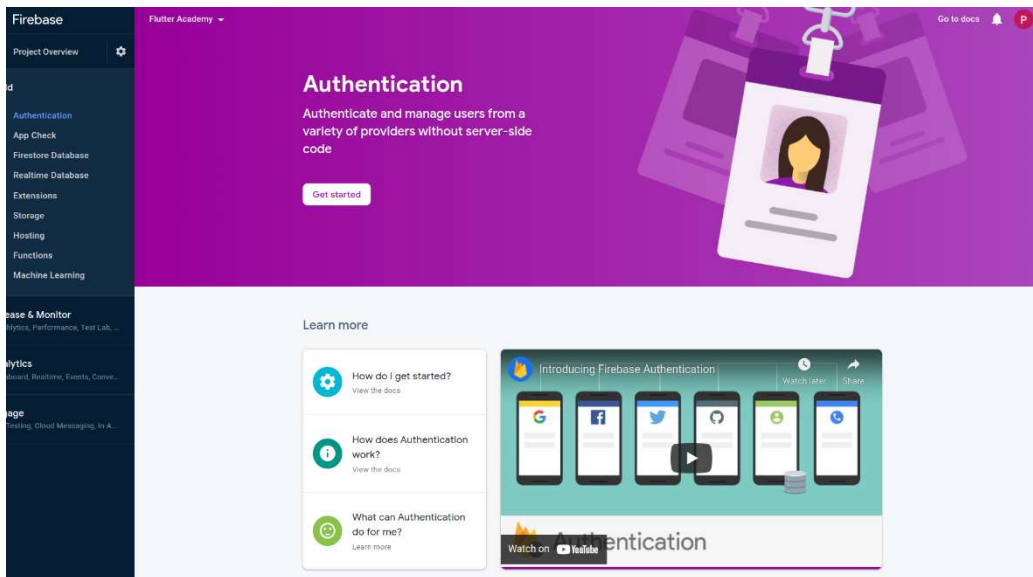
```
i Found 1 Firebase projects. Selecting project flutter-academy-4235e.
? Which platforms should your configuration support (use arrow keys & space to select)? >
✓ android
✓ ios
  macos
✓ web
```

```
i Firebase android app com.example.flutter_academy is not registered on Firebase project flutter-academy-4235e.
i Registered a new Firebase android app on Firebase project flutter-academy-4235e.
i Firebase ios app com.example.flutterAcademy is not registered on Firebase project flutter-academy-4235e.
i Registered a new Firebase ios app on Firebase project flutter-academy-4235e.
i Firebase web app flutter_academy (web) is not registered on Firebase project flutter-academy-4235e.
i Registered a new Firebase web app on Firebase project flutter-academy-4235e.
? The files android/build.gradle & android/app/build.gradle will be updated to apply Firebase c
? The files android/build.gradle & android/app/build.gradle will be updated to apply Firebase c
✓ The files android/build.gradle & android/app/build.gradle will be updated to apply Firebase configuration and gradle build plugins.
Do you want to continue? · yes

Firebase configuration file lib/firebase_options.dart generated successfully with the following Firebase apps:

Platform  Firebase App Id
web       1:236360212235:web:3106cb3e10718b78d64c0e
android   1:236360212235:android:42f3dde6b810614fd64c0e
ios       1:236360212235:ios:2f66e26e69112802d64c0e

Learn more about using this file and next steps from the documentation:
> https://firebase.google.com/docs/flutter/setup
```



Flutter Academy

Go to docs

P

Authentication

UsersSign-in methodTemplatesUsage

Sign-in providers

11 new provider

ProviderStatus

Select a sign-in provider (Step 1 of 2)

Native providers

Email/Password ✓

Phone

Anonymous 2

Additional providers

Google

Game Center

Microsoft

Facebook

Apple

Twitter

Play Games

GitHub

Yahoo

Email/PasswordEnabled

Authorized domains ⓘ

Add domain

Authorized domain	Type
localhost	Default
flutter-academy-4235e.firebaseio.com	Default
flutter-academy-4235e.web.app	Default

Flutter Academy

Go to docs

P

Authentication

UsersSign-in methodTemplatesUsage

Sign-in providers

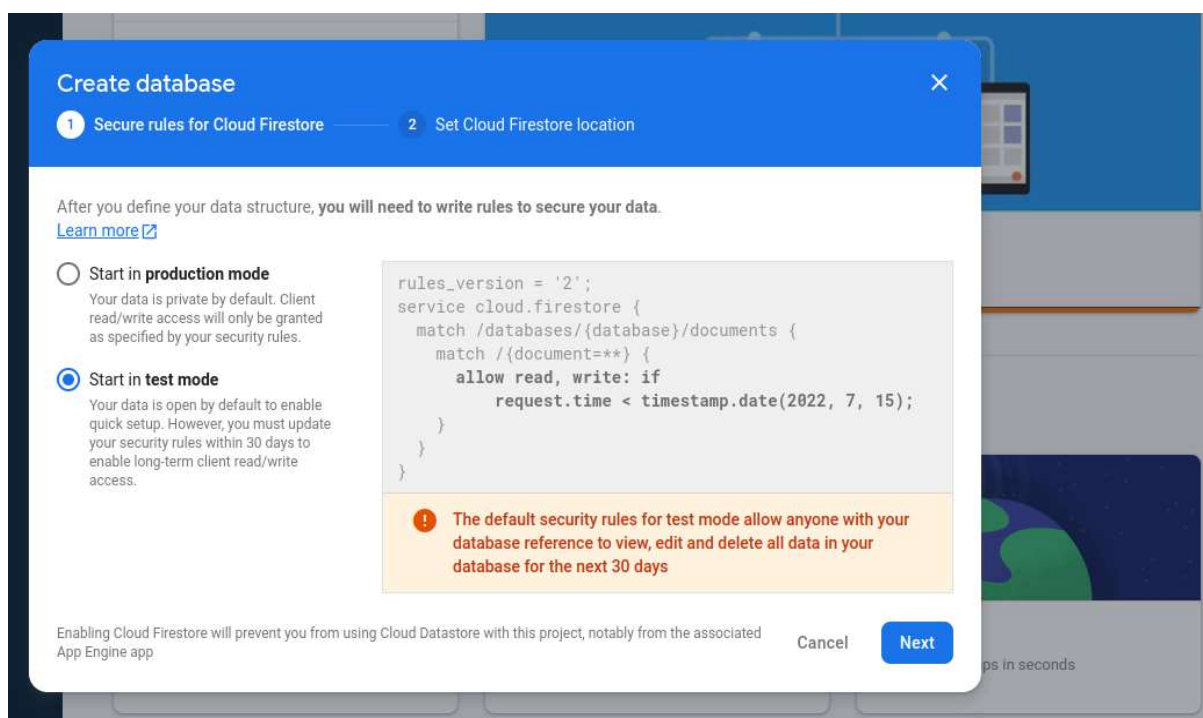
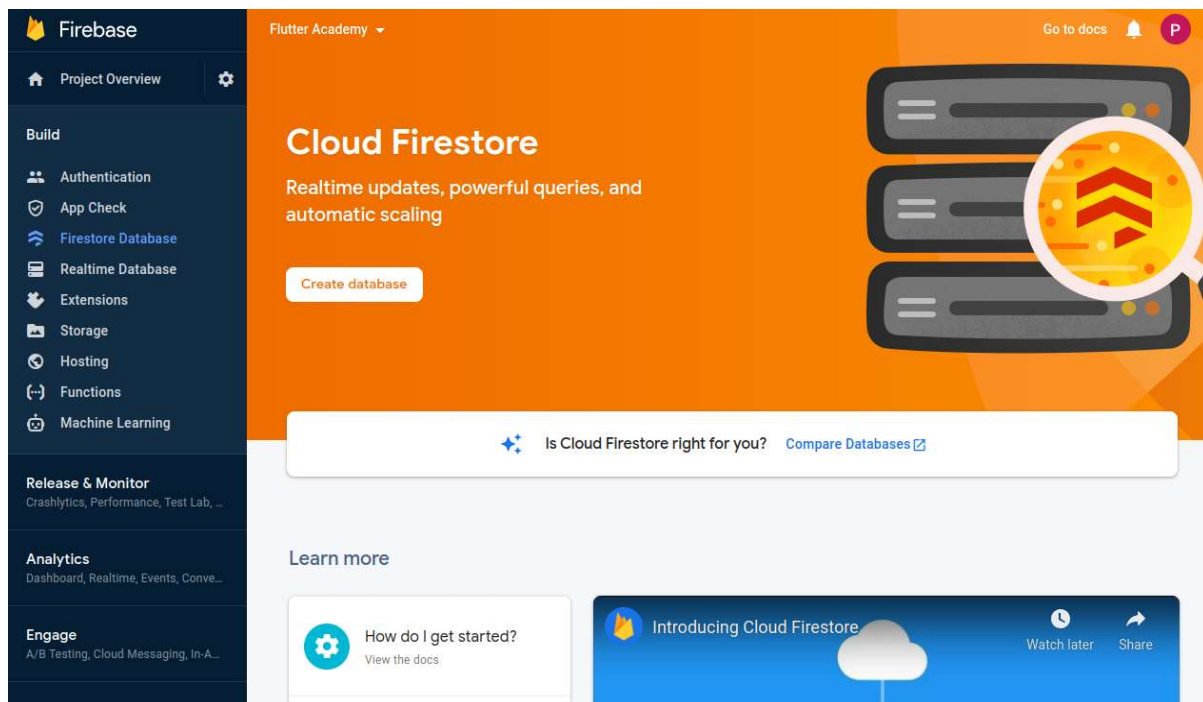
Add new provider

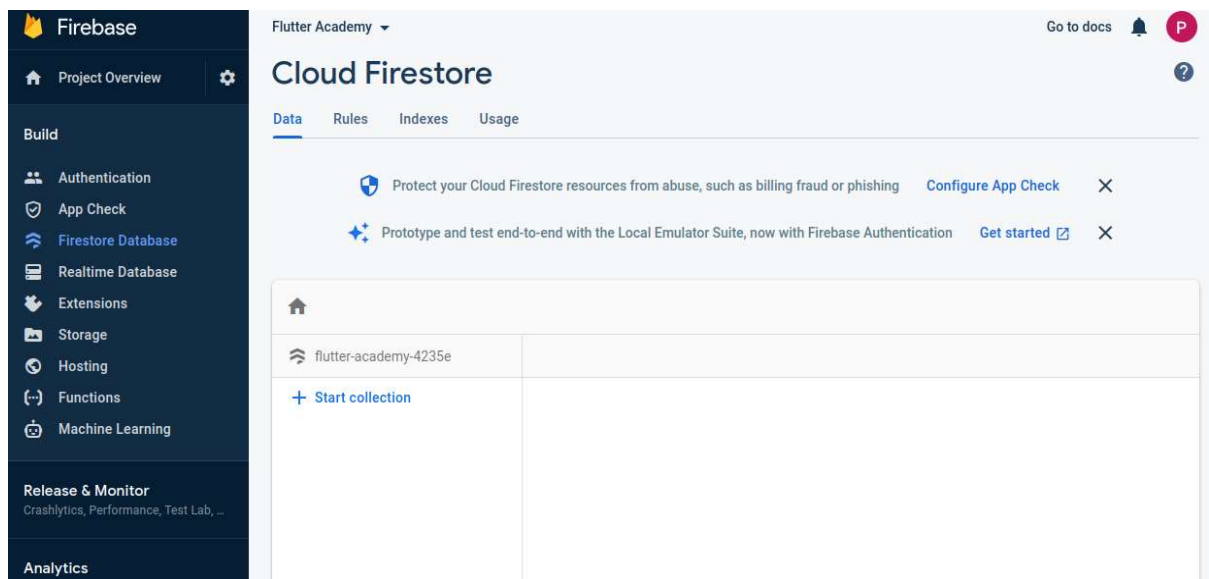
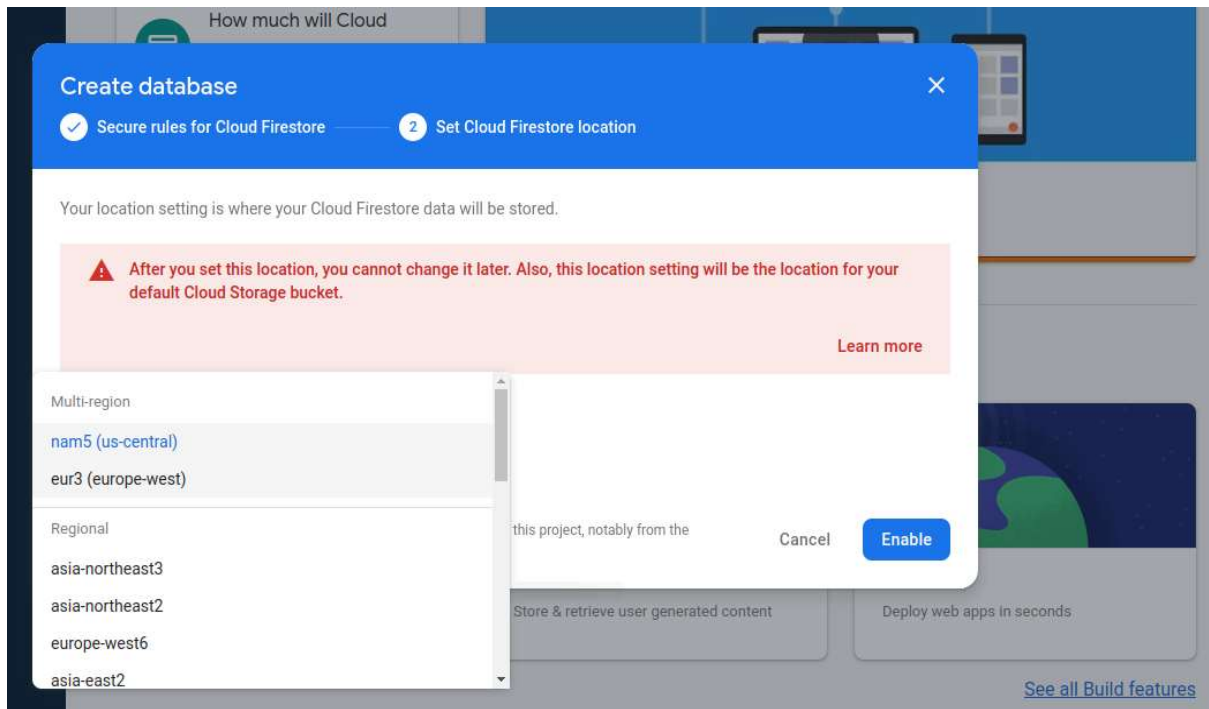
Provider	Status
Email/Password	Enabled
Anonymous	Enabled

Authorized domains ⓘ

Add domain

Authorized domain	Type
localhost	Default
flutter-academy-4235e.firebaseio.com	Default
flutter-academy-4235e.web.app	Default









# Cloud Firestore



Data Rules Indexes Usage

Flutter Academy

Go to docs

Notification bell icon

Profile picture icon

Cloud Firestore

Help icon

Data Rules Indexes Usage

Home > courses > ntBcp0syyqCm...

flutter-academy-4235e

courses

ntBcp0syyqCmGNcWDRYQ

+ Start collection

+ Add document

+ Start collection

courses >

ntBcp0syyqCmGNcWDRYQ >

+ Add field

description: "Awesome course for Flutter beginners to learn the basics of Flutter framework"

image: "https://image-placeholder.com/image.png"

published\_date: June 20, 2022 at 1:54:41 PM UTC+5:45

status: "published"

title: "Flutter Beginners"



## Chapter 11: Building and Deploying a Flutter Web Application

