ไปที่เว็บไซต์

Firebase Console

Firebase

Hello, teara

Welcome to Firebase!

Get started

Get started by setting up a Firebase project

Integrate Firebase products to super-charge your app

Try out a sample app

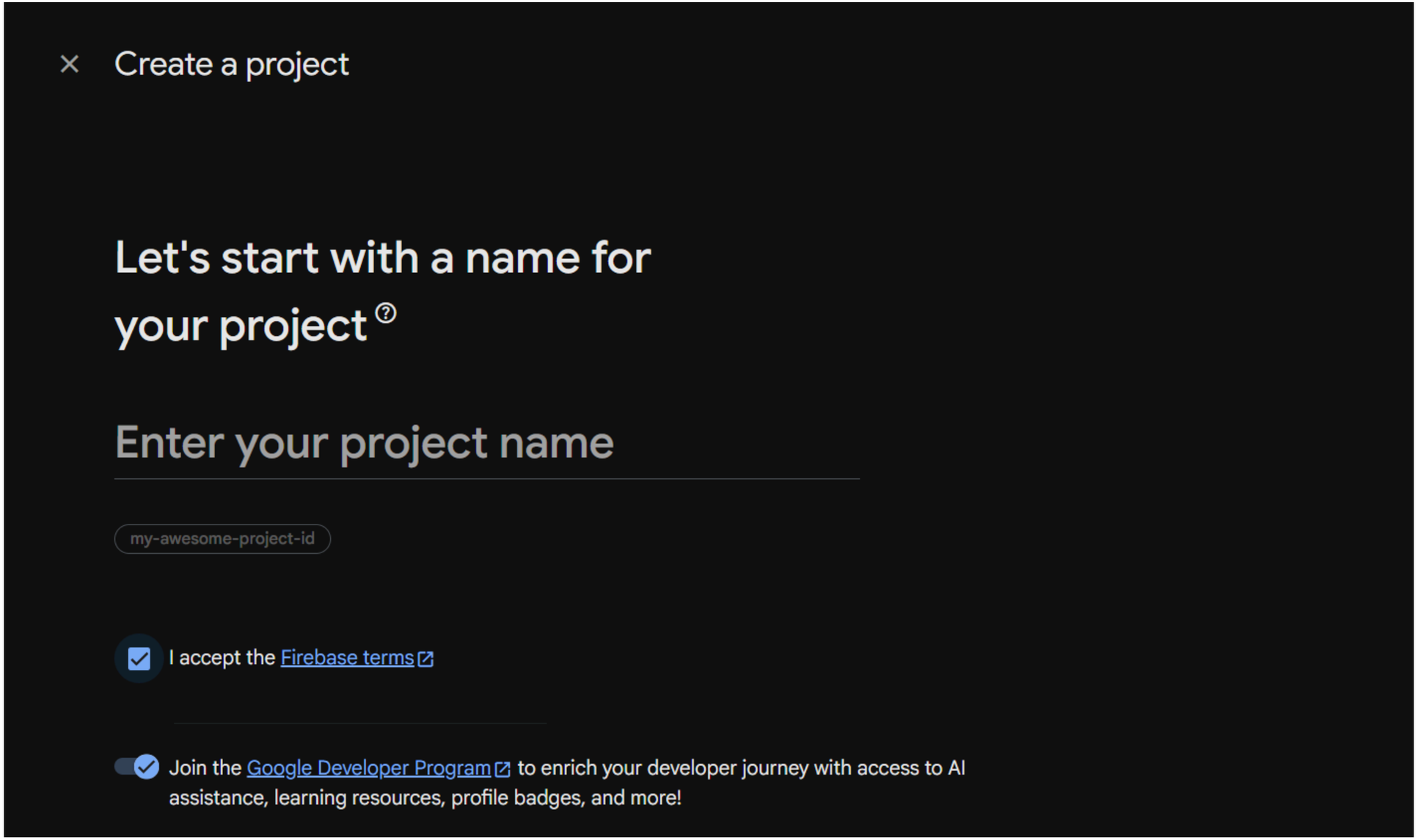
Try an AI-powered trip planner app

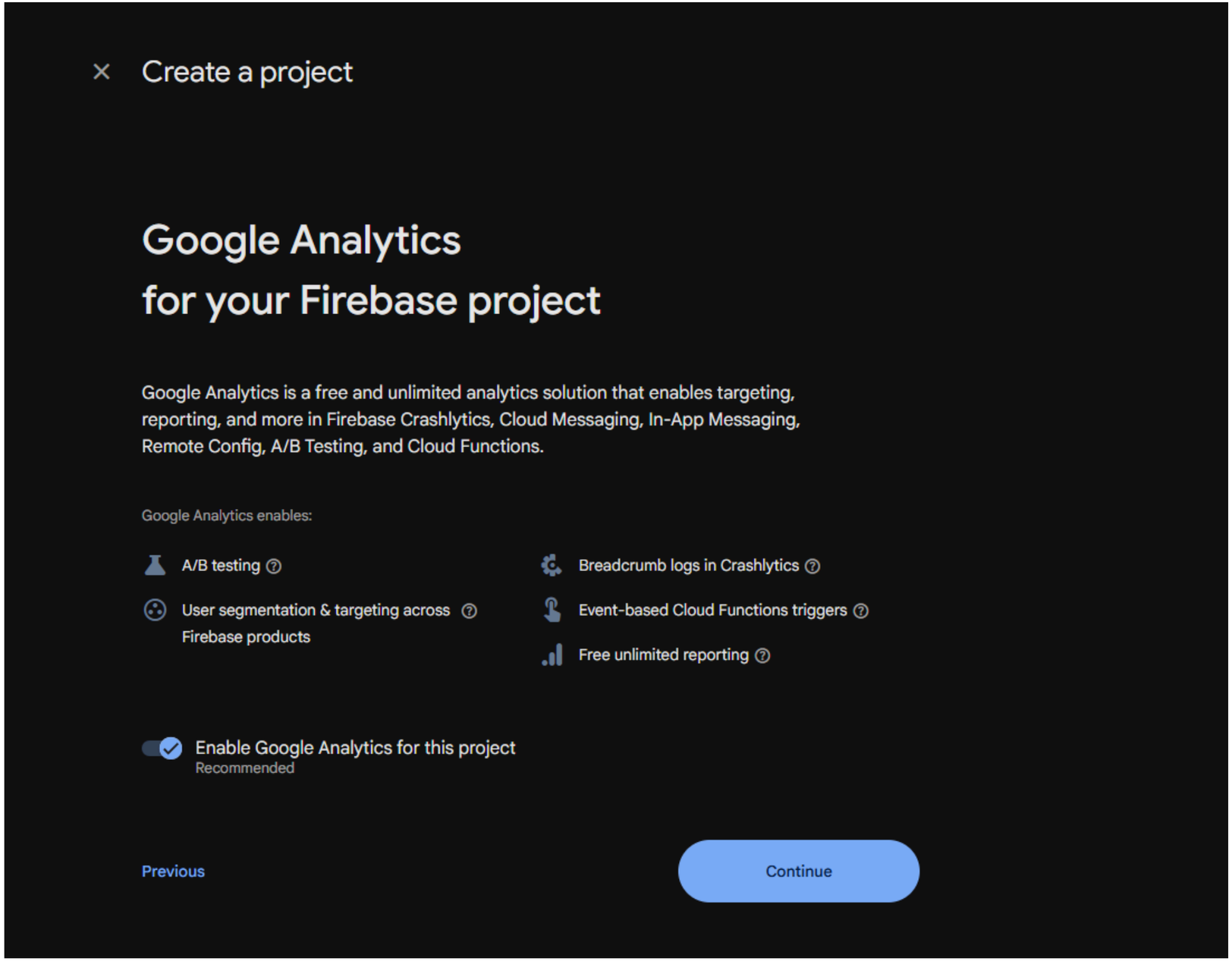
Deploy a sample app that uses Firestore, Authentication, and multimodal input using Firebase AI Logic. Explore the code in Firebase Studio

Build an AI-powered Flutter app

Deploy a sample app that showcases how the Gemini Live API, multimodal prompts, and image creation with Nano Banana all work in Flutter

Explore our view-only demo project View


Create a project
Let's start with a name for your project
Enter your project name
my-awesome-project-id
I accept the Firebase terms
Join the Google Developer Program to enrich your developer journey with access to AI assistance, learning resources, profile badges, and more!


Create a project
Google Analytics
for your Firebase project
Google Analytics is a free and unlimited analytics solution that enables targeting, reporting, and more in Firebase Crashlytics, Cloud Messaging, In-App Messaging, Remote Config, A/B Testing, and Cloud Functions.
Google Analytics enables:
A/B testing
User segmentation & targeting across Firebase products
Breadcrumb logs in Crashlytics
Event-based Cloud Functions triggers
Free unlimited reporting
Enable Google Analytics for this project
Recommended
Previous
Continue

Create a project

Configure Google Analytics

Analytics location

Thailand

Google Analytics is a business tool. Use it exclusively for purposes related to your trade, business, craft, or profession.

Data sharing settings and Google Analytics terms

- [x] Use the default settings for sharing Google Analytics data. Learn more
  - ✕ Share your Analytics data with Google to improve Google Products and Services
  - ✓ Share your Analytics data with Google to enable Benchmarking
  - ✓ Share your Analytics data with Google to enable Technical Support
  - ✓ Share your Analytics data with Google Account Specialists
- [x] I accept the Google Analytics terms

Upon project creation, a new Google Analytics property will be created and linked to your Firebase project. This link will enable data flow between the products. Data exported from your Google Analytics property into Firebase is subject to the Firebase terms of service, while Firebase data imported into Google Analytics is subject to the Google Analytics terms of service. Learn more.

Previous

Create project

พิมพ์ใน cmd

- npm install -g firebase-tools
- dart pub global activate flutterfire_cli

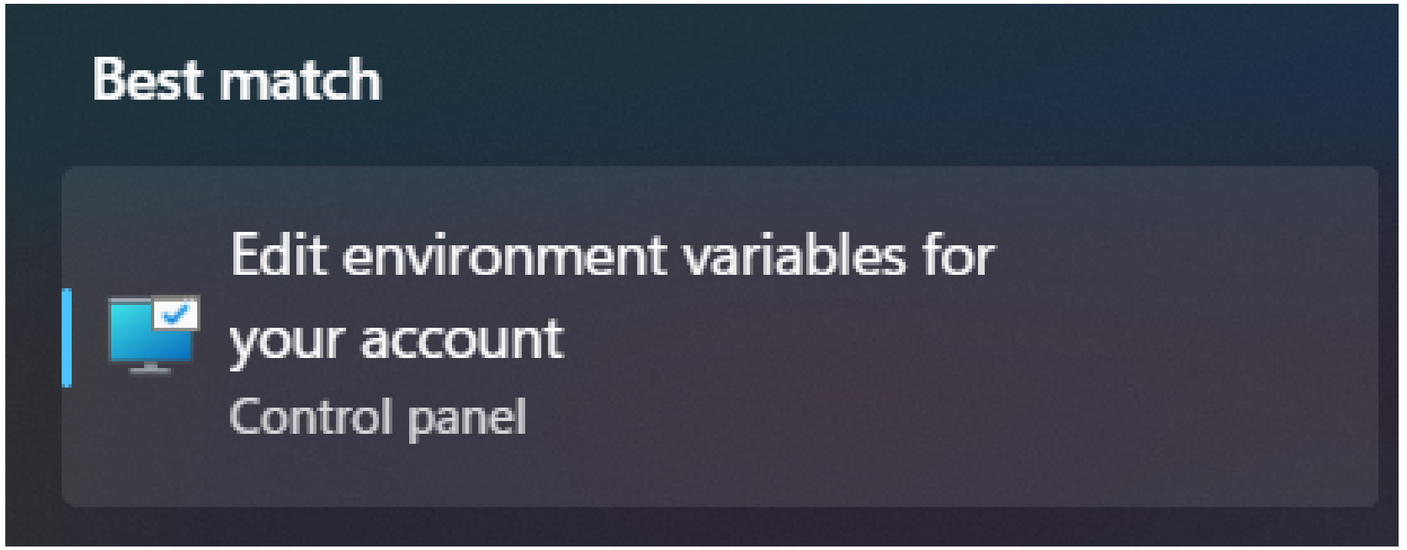
```
C:\Users\ToN1500>npm install -g firebase-tools

added 631 packages in 14s

71 packages are looking for funding
  run `npm fund` for details

C:\Users\ToN1500>dart pub global activate flutterfire_cli
Package flutterfire_cli is currently active at version 1.1.0.
Downloading packages... . (1.3s)
The package flutterfire_cli is already activated at newest available version.
To recompile executables, first run `dart pub global deactivate flutterfire_cli`.
Installed executable flutterfire.
Warning: Pub installs executables into C:\Users\ToN1500\AppData\Local\Pub\Cache\bin, which is not on your path.
You can fix that by adding that directory to your system's "Path" environment variable.
A web search for "configure windows path" will show you how.
Activated flutterfire_cli 1.1.0.

C:\Users\ToN1500>
```

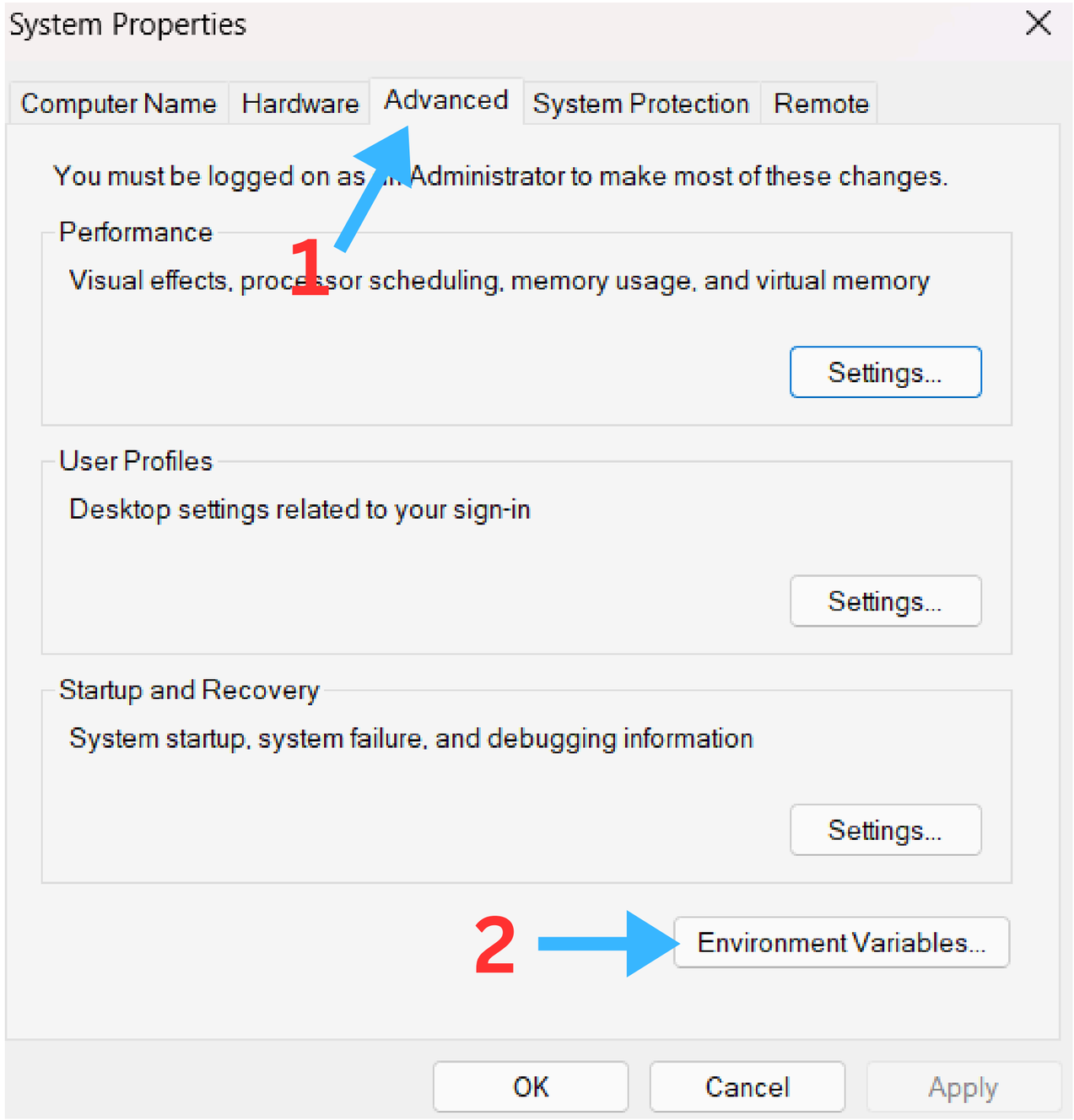
- หากขึ้น warning ให้คัดลอก path แล้วเพิ่มใน edit the system environment

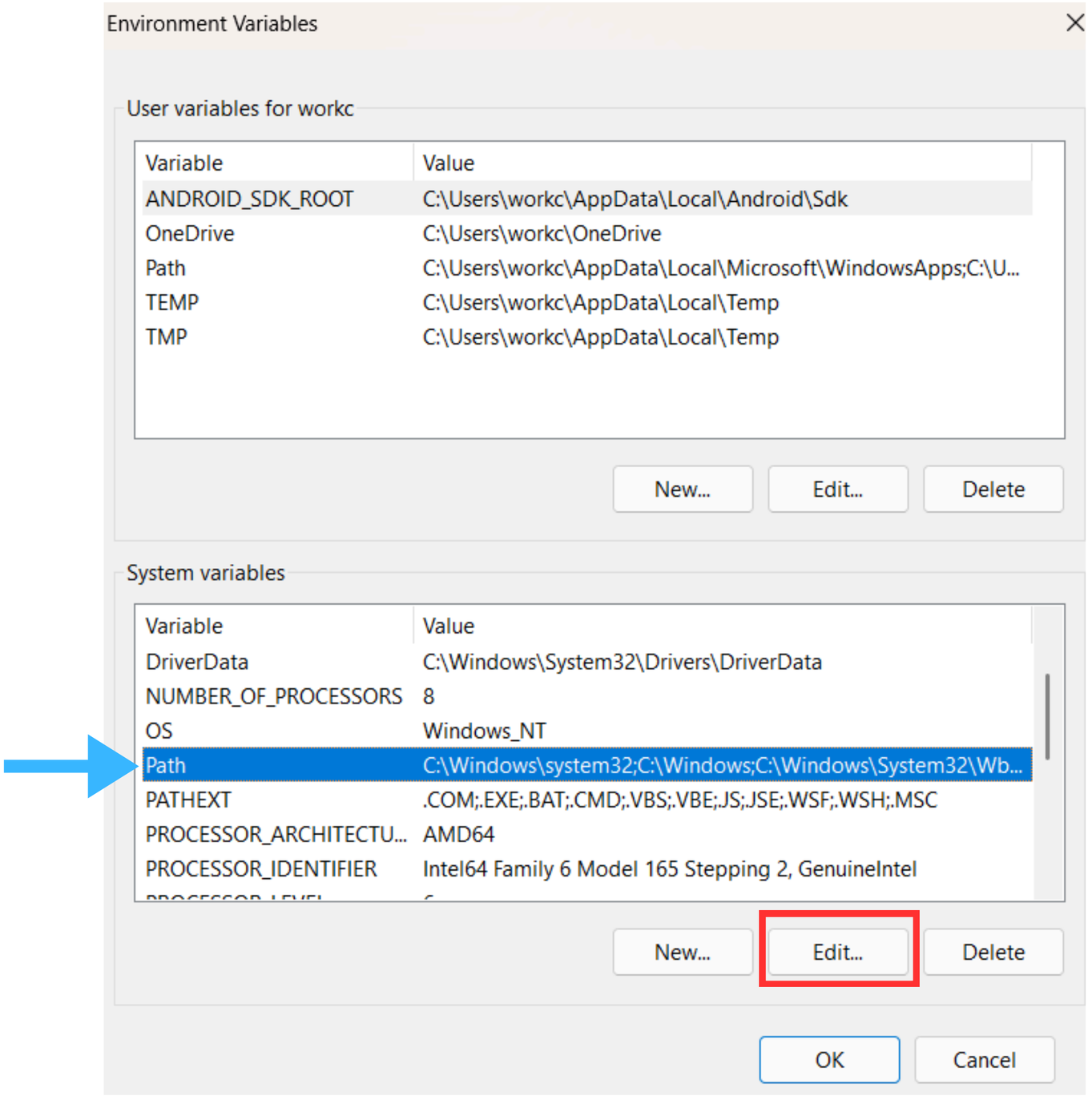
```
C:\Users\workc>dart pub global activate flutterfire_cli
Package flutterfire_cli is currently active at version 1.3.1.
Downloading packages... .
The package flutterfire_cli is already activated at newest available version.
To recompile executables, first run `dart pub global deactivate flutterfire_cli`.
Installed executable flutterfire.
Activated flutterfire_cli 1.3.1.
```

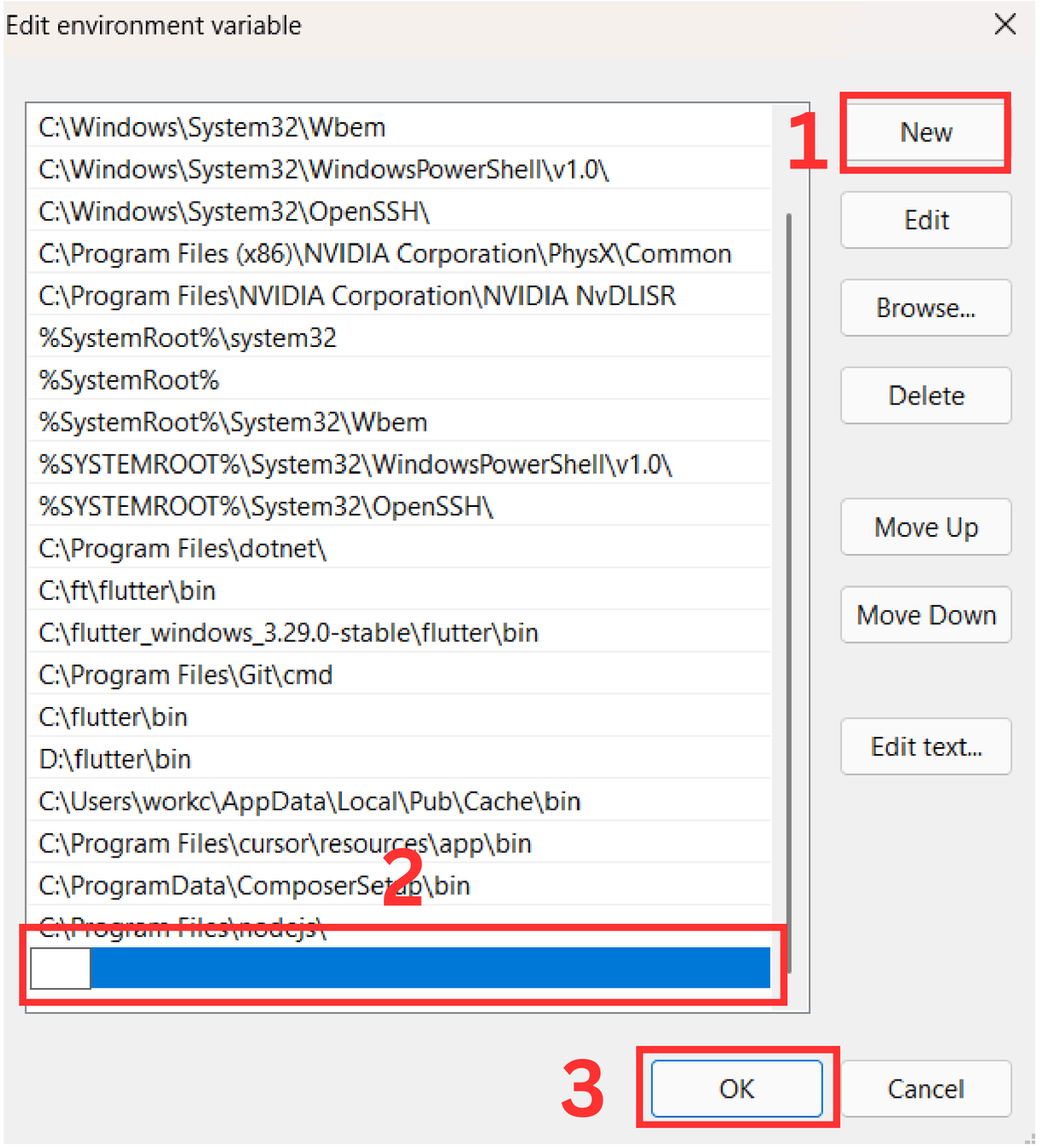
หากขึ้น warning

- ค้นหา edit the system environment variables




System Properties
Computer Name
Hardware
Advanced
System Protection
Remote
You must be logged on as an Administrator to make most of these changes.
Performance
Visual effects, processor scheduling, memory usage, and virtual memory
Settings...
User Profiles
Desktop settings related to your sign-in
Settings...
Startup and Recovery
System startup, system failure, and debugging information
Settings...
1
2
Environment Variables...
OK
Cancel
Apply


Environment Variables
User variables for workc
Variable
Value
ANDROID_SDK_ROOT
C:\Users\workc\AppData\Local\Android\Sdk
OneDrive
C:\Users\workc\OneDrive
Path
C:\Users\workc\AppData\Local\Microsoft\WindowsApps;C:\U...
TEMP
C:\Users\workc\AppData\Local\Temp
TMP
C:\Users\workc\AppData\Local\Temp
New...
Edit...
Delete
System variables
Variable
Value
DriverData
C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS
8
OS
Windows_NT
Path
C:\Windows\system32;C:\Windows;C:\Windows\System32\Wb...
PATHEXT
.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTU...
AMD64
PROCESSOR_IDENTIFIER
Intel64 Family 6 Model 165 Stepping 2, GenuineIntel
New...
Edit...
Delete
OK
Cancel


Edit environment variable
C:\Windows\System32\Wbem
C:\Windows\System32\WindowsPowerShell\v1.0\
C:\Windows\System32\OpenSSH\
C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common
C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR
%SystemRoot%\system32
%SystemRoot%
%SystemRoot%\System32\Wbem
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\
%SYSTEMROOT%\System32\OpenSSH\
C:\Program Files\dotnet\
C:\ft\flutter\bin
C:\flutter_windows_3.29.0-stable\flutter\bin
C:\Program Files\Git\cmd
C:\flutter\bin
D:\flutter\bin
C:\Users\workc\AppData\Local\Pub\Cache\bin
C:\Program Files\cursor\resources\app\bin
C:\ProgramData\ComposerSetup\bin
1
New
Edit
Browse...
Delete
Move Up
Move Down
Edit text...
2
3
OK
Cancel

เปิด terminal ในโปรเจคของเราแล้วพิมพ์คำสั่ง

- firebase login

```
C:\Users\workc\OneDrive\เดสก์ท็อป\test\app_project>firebase login
Already logged in as 65143368@g.cmru.ac.th
```

หลังจาก login แล้วพิมพ์คำสั่ง (ใช้ลูกศรขึ้น ลง ในการเลือก) แล้วเลือกโปรเจคของเราที่สร้างไว้ กด Enter

- flutterfire configure

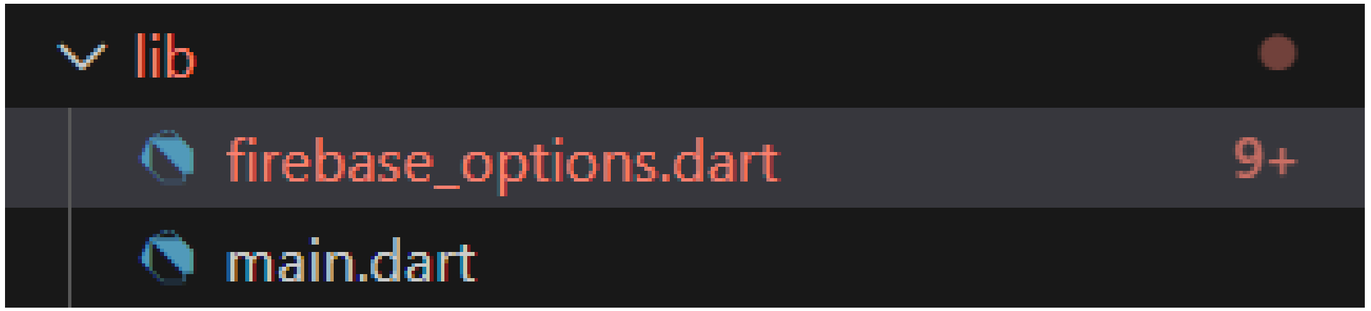
```
C:\Users\workc\OneDrive\เดสก์ท็อป\test\app_project>flutterfire configure
i Found 3 Firebase projects.
? Select a Firebase project to configure your Flutter application with ›
  pject-97d19 (Pject)
  todo-getx-f6634 (todo-getx)
❯ xenon-bastion-478502-r5 (My First Project)
  <create a new project>
```

เลือก androin แล้วกด Enter

```
C:\Users\workc\OneDrive\เดสก์ท็อป\test\app_project>flutterfire configure
i Found 3 Firebase projects.
✓ Select a Firebase project to configure your Flutter application with · xenon-bastion-478502-r5 (My First Project)
? Which platforms should your configuration support (use arrow keys & space to select)? ›
✓ android
✓ ios
✓ macos
✓ web
✓ windows
```

หลังจากเสร็จแล้วจะได้ไฟล์ firebase_option
จะเห็นว่ายัง error ให้ใช้คำสั่ง

- flutter pub add firebase_core

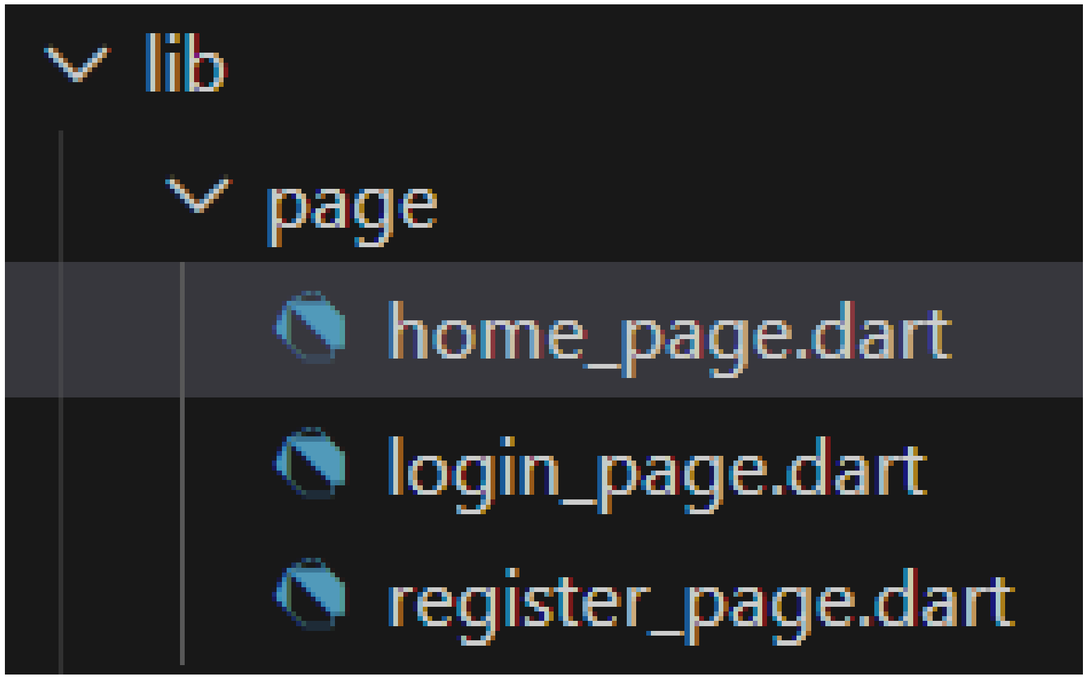


**** ห้ามให้คนอื่นได้ข้อมูลในไฟล์นี้เด็ด ขาดไม่งั้นคนอื่นสามารถเข้าถึงfirebase ของเราได้**

```
C:\Users\workc\OneDrive\เดสก์ท็อป\test\app_project>flutter pub add firebase_core
Resolving dependencies...
Downloading packages...
  characters 1.4.0 (1.4.1 available)
+ firebase_core 4.4.0
+ firebase_core_platform_interface 6.0.2
+ firebase_core_web 3.4.0
+ flutter_web_plugins 0.0.0 from sdk flutter
  matcher 0.12.17 (0.12.18 available)
  material_color_utilities 0.11.1 (0.13.0 available)
  meta 1.17.0 (1.18.1 available)
+ plugin_platform_interface 2.1.8
  test_api 0.7.7 (0.7.9 available)
+ web 1.1.1
Changed 6 dependencies!
5 packages have newer versions incompatible with dependency constraints.
Try `flutter pub outdated` for more information.
```

สร้างไฟล์

- home_page
- login_page
- register_page



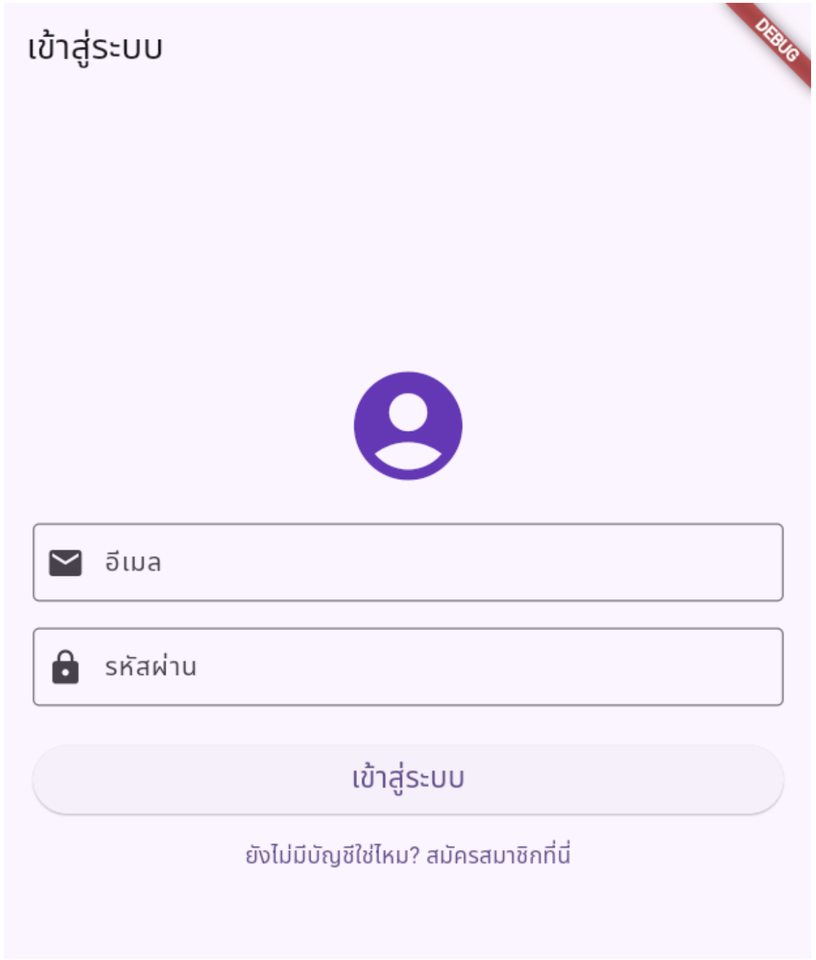
รัน 2 คำสั่งนี้ก่อน เพื่อให้แน่ใจว่าโปรเจกต์ติดตั้งระบบของ Firebase

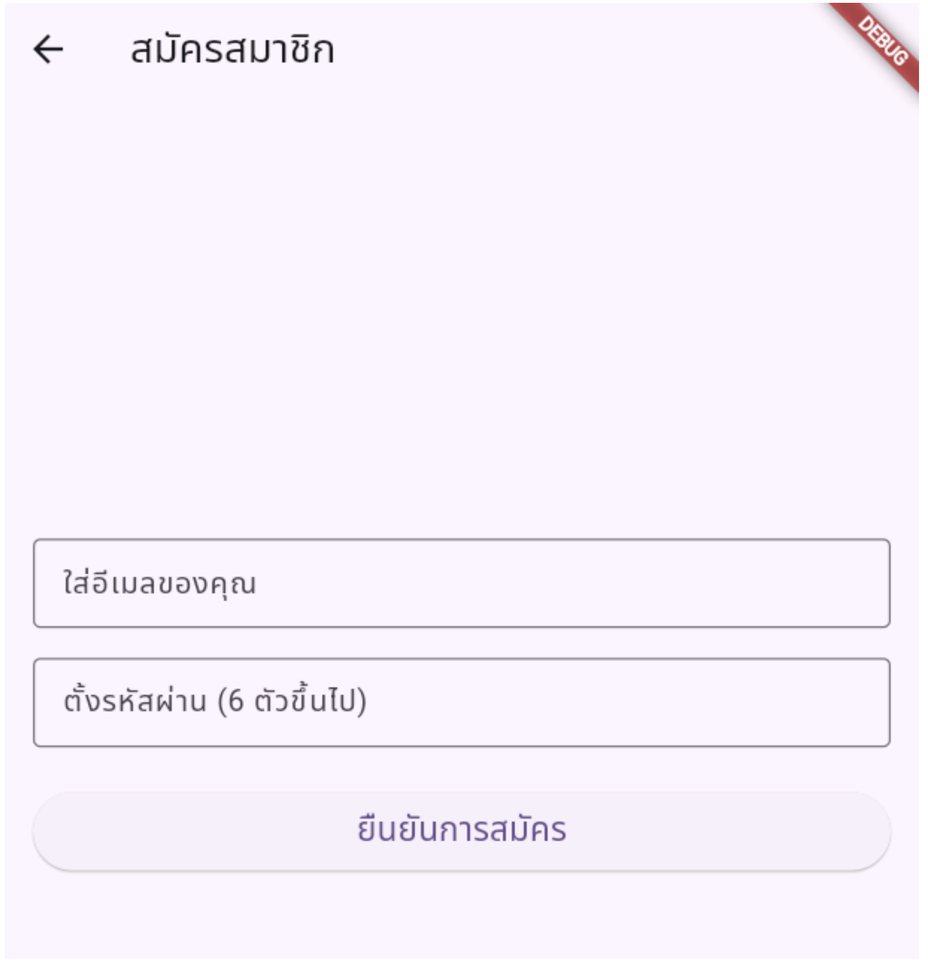
- flutter pub add firebase_core
- flutter pub add firebase_auth

```
C:\Users\workc\OneDrive\เดสก์ท็อป\test\app_project>flutter pub add firebase_core
"firebase_core" is already in "dependencies". Will try to update the constraint.
Resolving dependencies...
Downloading packages...
  characters 1.4.0 (1.4.1 available)
  matcher 0.12.17 (0.12.18 available)
  material_color_utilities 0.11.1 (0.13.0 available)
  meta 1.17.0 (1.18.1 available)
  test_api 0.7.7 (0.7.9 available)
Got dependencies!
5 packages have newer versions incompatible with dependency constraints.
Try `flutter pub outdated` for more information.

C:\Users\workc\OneDrive\เดสก์ท็อป\test\app_project>flutter pub add firebase_auth
Resolving dependencies...
Downloading packages...
+ _flutterfire_internals 1.3.66
  characters 1.4.0 (1.4.1 available)
+ firebase_auth 6.1.4
+ firebase_auth_platform_interface 8.1.6
+ firebase_auth_web 6.1.2
+ http 1.6.0
+ http_parser 4.1.2
  matcher 0.12.17 (0.12.18 available)
  material_color_utilities 0.11.1 (0.13.0 available)
  meta 1.17.0 (1.18.1 available)
  test_api 0.7.7 (0.7.9 available)
+ typed_data 1.4.0
Changed 7 dependencies!
5 packages have newer versions incompatible with dependency constraints.
Try `flutter pub outdated` for more information.
```

ตัวอย่างโค้ด <--- ให้คลิกที่นี้

ให้คัดลอกโค้ดในตัวอย่างโค้ดใส่แต่ละไฟล์ตามชื่อ





ฐานเก็บข้อมูลเราจะใช้บริการที่ชื่อว่า Cloud Firestore (ฐานข้อมูลของ Firebase)

สิ่งที่ต้องทำ

1. เปิดใช้งาน Firestore Database บนเว็บ Firebase

1. เปิดใช้งาน Firestore Database บนเว็บ Firebase
2. ไปที่ Firebase Console เลือกโปรเจกต์ของคุณ
3. เมนูซ้ายมือเลือก Build > Firestore Database
   กด Create database
4. เลือก Location เป็น asia-southeast1 (singapore)
5. เลือก Start in test mode (เพื่อให้แอปเราบันทึกข้อมูลได้ทันที) แล้วกด Create

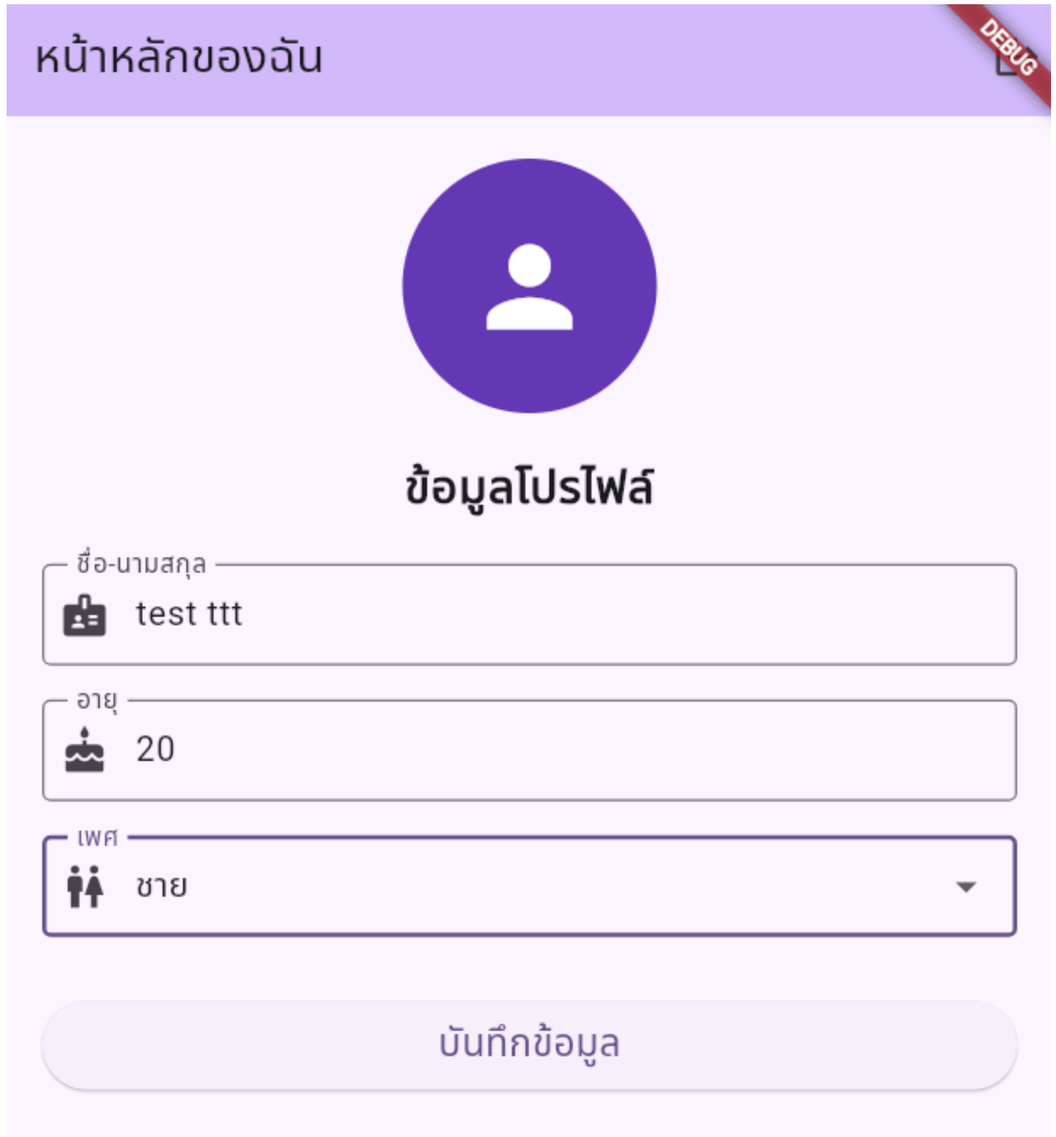
2. ติดตั้ง Package เพิ่มใน VS Code

พิมพ์ใน terminal

- flutter pub add cloud_firestore

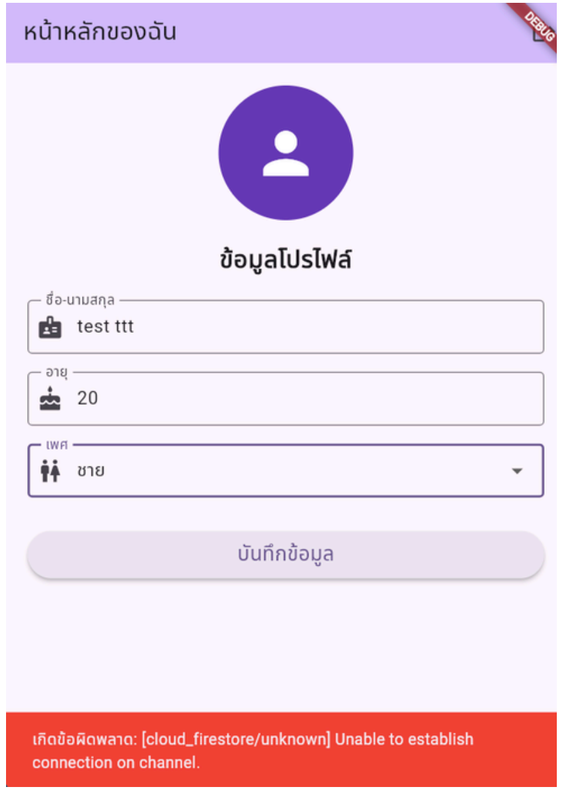
```
C:\Users\workc\OneDrive\เดสก์ท็อป\test\app_project>  flutter pub add cloud_firestore
Resolving dependencies...
Downloading packages...
  characters 1.4.0 (1.4.1 available)
+ cloud_firestore 6.1.2
+ cloud_firestore_platform_interface 7.0.6
+ cloud_firestore_web 5.1.2
  matcher 0.12.17 (0.12.18 available)
  material_color_utilities 0.11.1 (0.13.0 available)
  meta 1.17.0 (1.18.1 available)
  test_api 0.7.7 (0.7.9 available)
Changed 3 dependencies!
5 packages have newer versions incompatible with dependency constraints.
Try `flutter pub outdated` for more information.
```

จะได้หน้า home_page เป็นแบบนี้



หากเป็นแบบนี้ให้หยุดการรันแอปก่อน แล้วพิมพ์ใน terminal

- flutter clean
- flutter pub get



การเปลี่ยนจาก "ไอคอน" (Icons.person) มาเป็นรูปภาพเริ่มต้น

1. เตรียมไว้เองในโปรเจกต์

- เตรียมไฟล์รูปภาพแนะนำเป็นไฟล์ .png หรือ .jpg
- สร้างโฟลเดอร์ใหม่ชื่อว่า assets ใน
- นำไฟล์รูปภาพไปวางในนั้น

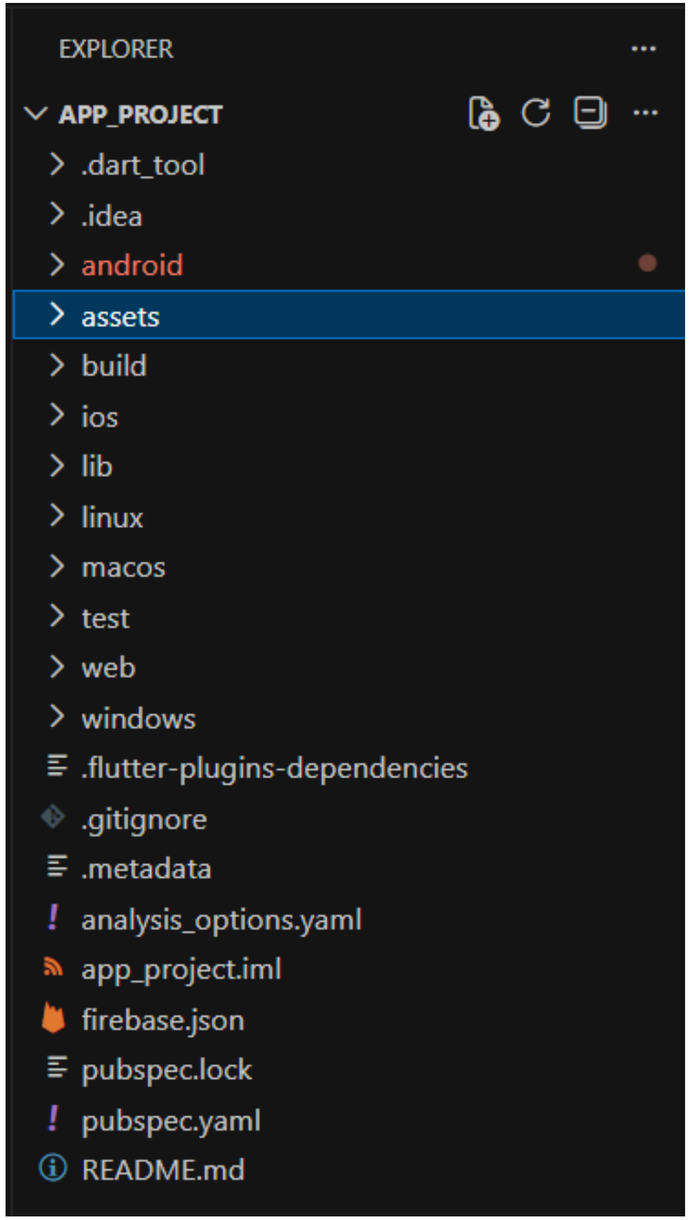
2. ตั้งค่าไฟล์ pubspec.yaml

- เปิดไฟล์ pubspec.yaml
- แล้วเพิ่ม assets:

  - assets/images.jpg

เสร็จแล้ว ให้กด Save

```yaml
# The following section is specific to Flutter packages.
flutter:

  # The following line ensures that the Material Icons font is
  # included with your application, so that you can use the icons in
  # the material Icons class.
  uses-material-design: true

  # To add assets to your application, add an assets section, like this:
  # assets:
  #   - images/a_dot_burr.jpeg
  #   - images/a_dot_ham.jpeg
  assets:
    - assets/images.jpg
```



3. แก้โค้ดในไฟล์ **home_page.dart** ให้หา **const CircleAvatar**

- ให้ลบส่วน **child: Icon(Icons.person, size: 60, color: Colors.white),** ออก
- แก้เป็น **backgroundImage: const AssetImage('assets/images.jpg'),**
  -ในส่วนของ **AssetImage('assets/images.jpg')** ให้ใส่ตาม path และ ชื่อไฟล์ที่ตั้งไว้

```
// const CircleAvatar(
//   radius: 60,
//   backgroundColor: Colors.deepPurple,
//   child: Icon(Icons.person, size: 60, color: Colors.white),
// ),
CircleAvatar(
  radius: 60,
  backgroundColor: Colors.grey.shade200,
  backgroundImage: const AssetImage('assets/images.jpg'),
), // CircleAvatar
```