Project Setup

CloudSync Platform

Cloud Storage Management Platform

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UOWM PENANG BATU KAWAN UNIVERSITY COLLEGE

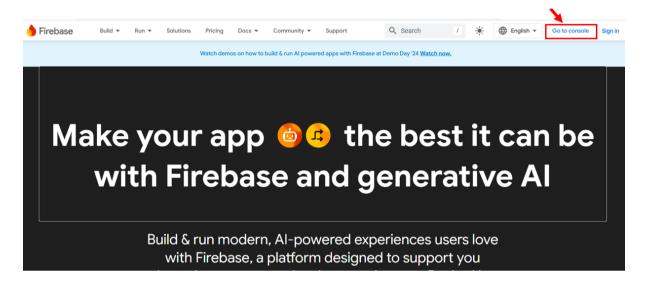
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Project Setup

Firebase Configuration

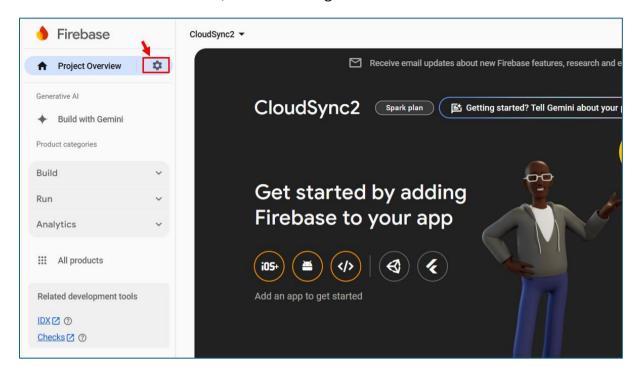
1. Go to Firebase Console: Firebase | Google's Mobile and Web App Development Platform



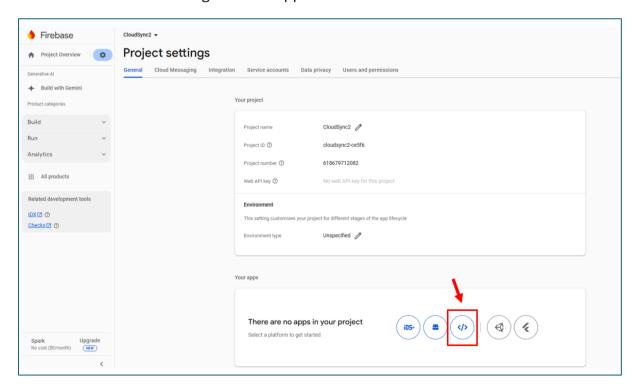
- 2. Login Account
- 3. Create a project



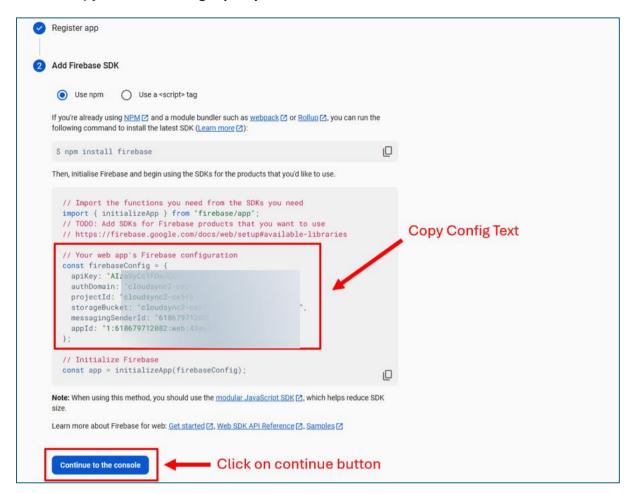
4. In Firebase Dashboard, click on settings Icon:



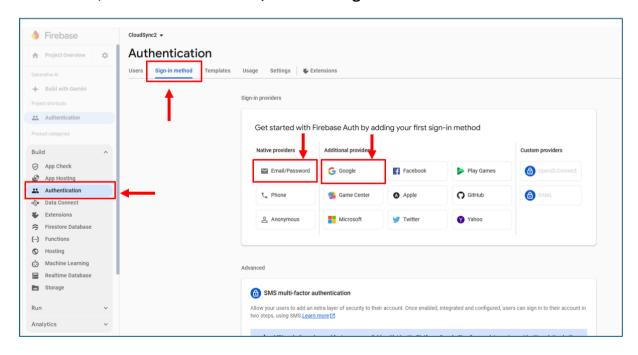
5. Click Web Icon to register new app



6. Copy firebase Config { }

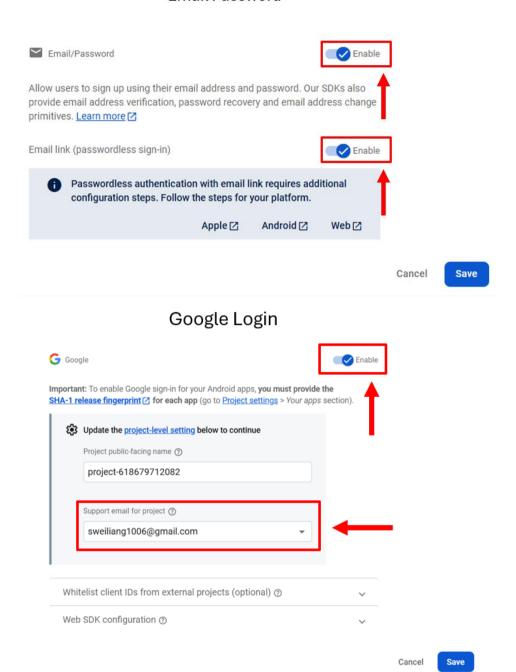


7. Next, Select Authentication, switch to Sign in Method

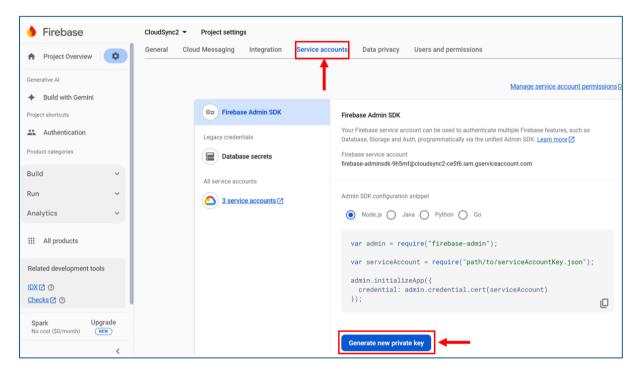


8. Enable Google Login and Email/Password Login

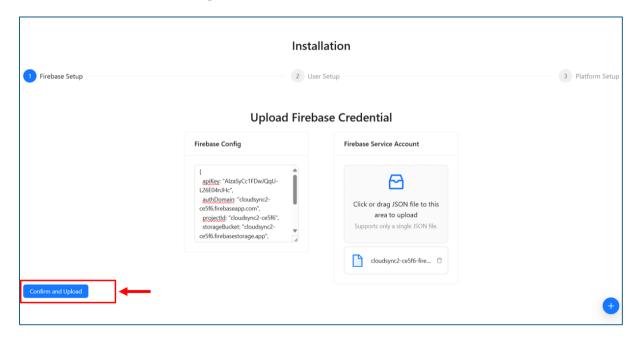
Email Password



- 9. After that, move to project settings
- 10. Switch to Service accounts
- 11. Click on Generate new private key to download JSON file (Firebase Admin SDK)

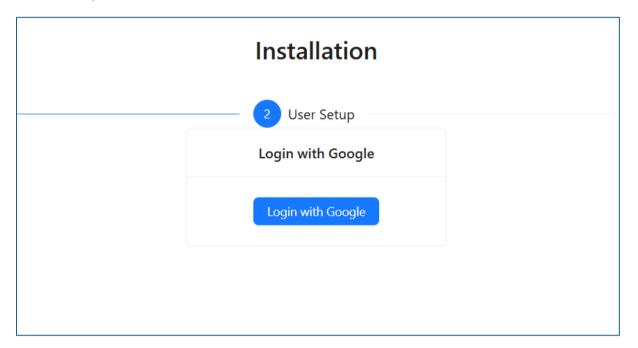


12. Done Firebase Configuration



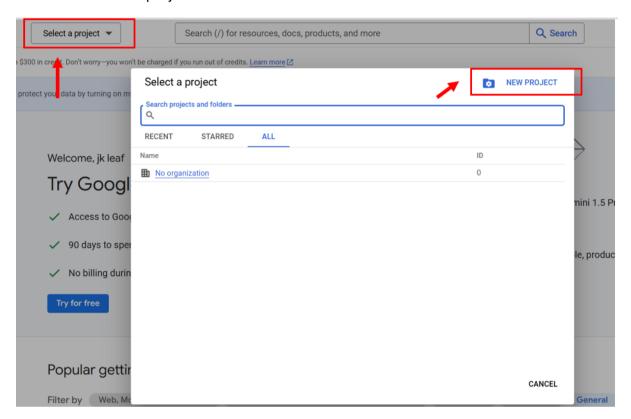
User Setup

1. The platform will record this user as an administrator

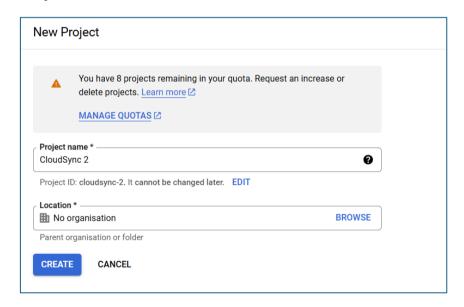


Cloud Credential Setup

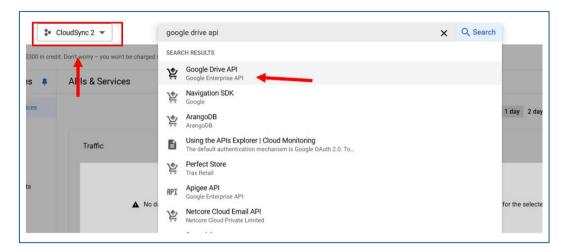
- 1. Go to Google Console, https://console.cloud.google.com/
- 2. Create new project



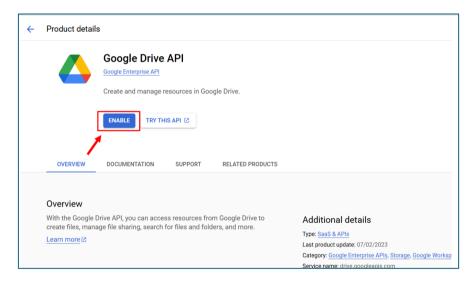
3. Enter Project Name, and click on CREATE button



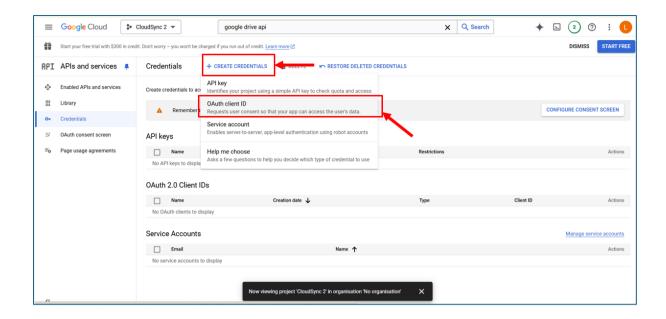
4. Select created project, search Google Drive API



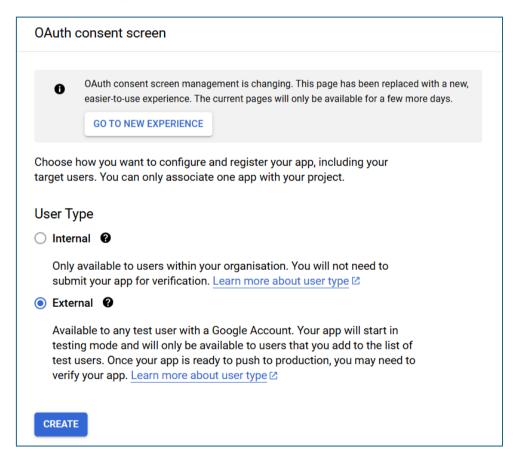
5. ENABLE Google Drive API



- 6. Go to Credentials
- 7. Click on CREATE CREDENTIALS
- 8. Select OAuth Client ID



9. Choose External, then click on CREATE button



10. Fill in App name, user support email, App domain, Developer contact Information

App information

This shows in the consent screen, and helps end users know who you are and contact you

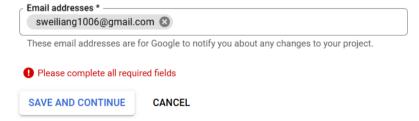
App name * CloudSync Platform
The name of the app asking for consent
User support email *sweiliang1006@gmail.com ▼
For users to contact you with questions about their consent. Learn more 🖸

App domain

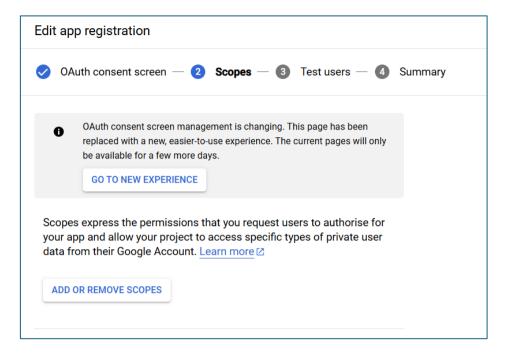
To protect you and your users, Google only allows apps using OAuth to use Authorised Domains. The following information will be shown to your users on the consent screen.

Application home page — http://localhost:5173	
Provide users a link to your home page	
Application privacy policy link	
Provide users a link to your public privacy policy	
Application Terms of Service link	
Provide users a link to your public Terms of Service	

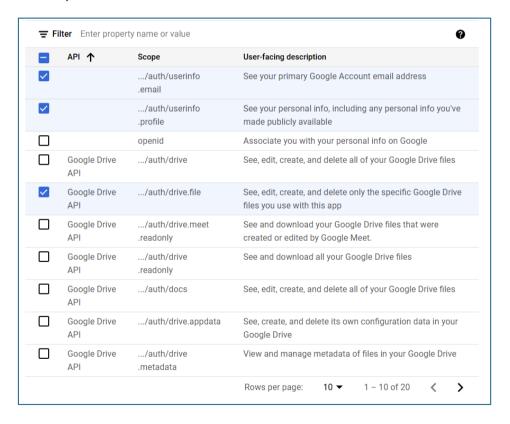
Developer contact information

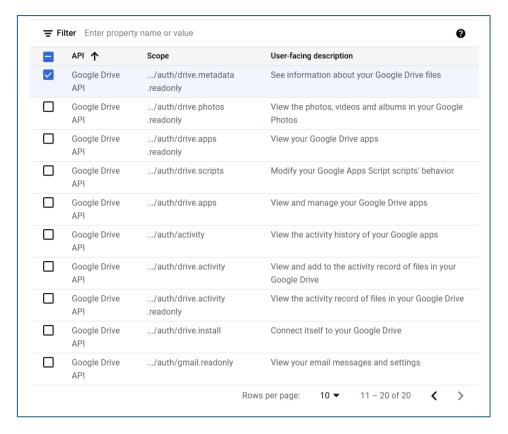


11. Click on ADD OR REMOVE SCOPES



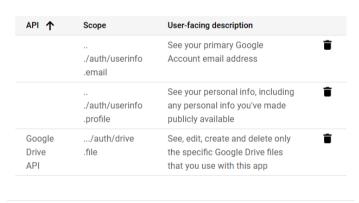
12. Ticks scopes





13. Finally, your scopes will be

Your non-sensitive scopes



♠ Your restricted scopes

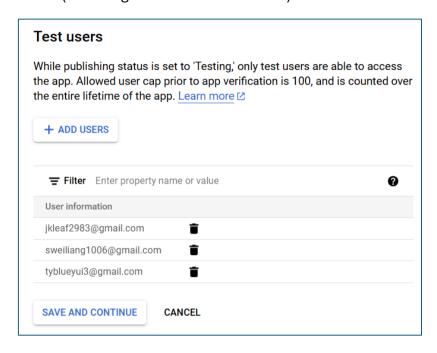
Restricted scopes are scopes that request access to highly sensitive user data.

Drive scopes

API 🛧	Scope	User-facing description
Google Drive API	/auth/drive .metadata .readonly	See information about your Google Drive files

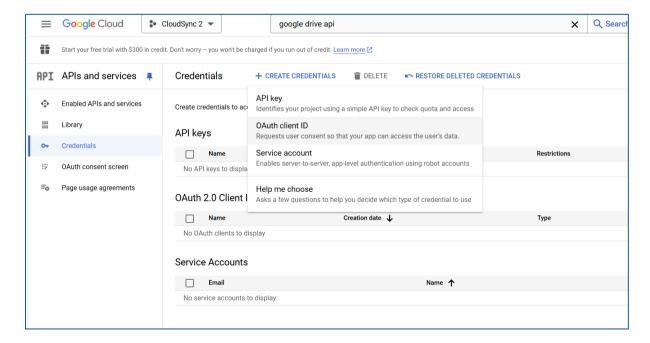
14. Click on SAVE AND CONTINUE button

15. Since the project is still under development, you need to manually enter the account email for using the Google Drive API. Otherwise, Google will deny authorization (For Google Account Connection)

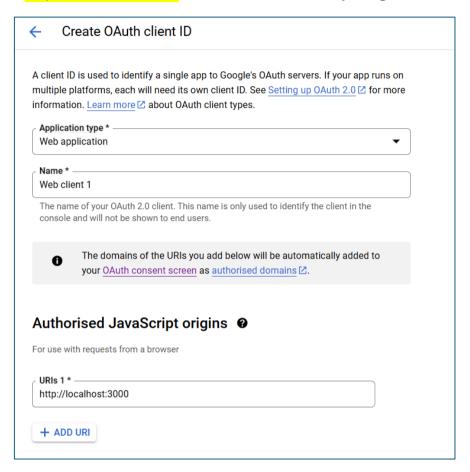


16. The above 3 accounts will be allowed to authorize the use of Drive API

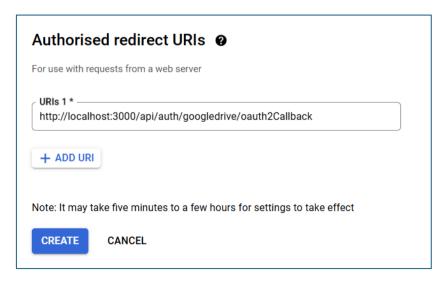
17. Go back to Credentials, click CREATE CREDENTIALS, select OAUTH client ID



- 18. Choose Web application, and fill in Name
- 19. Fill in http://localhost:3000 in Authorised JavaScript origins



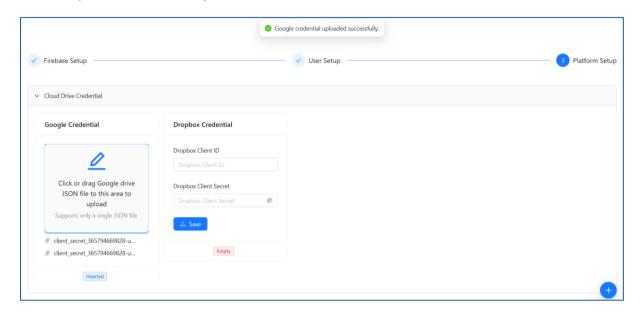
20. Fill in http://localhost:3000/api/auth/googledrive/oauth2Callback in Authorised redirect URIS



21. Click on CREATE button

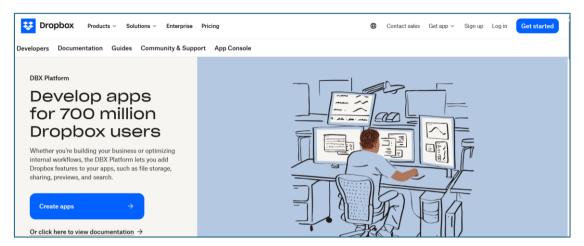
22. Click on Download JSON

23. Upload JSON file to platform



Cloud Credential Setup (Dropbox)

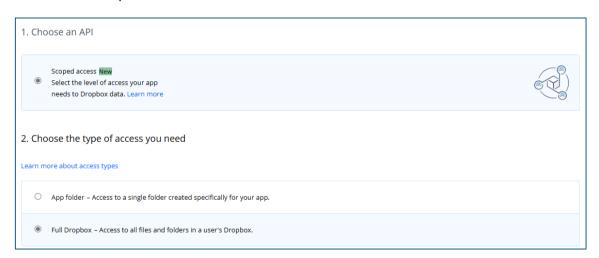
1. Go to https://www.dropbox.com/developers, click on App console



- 2. Log in account
- 3. Go to App console (Step 1)
- 4. click on Create app

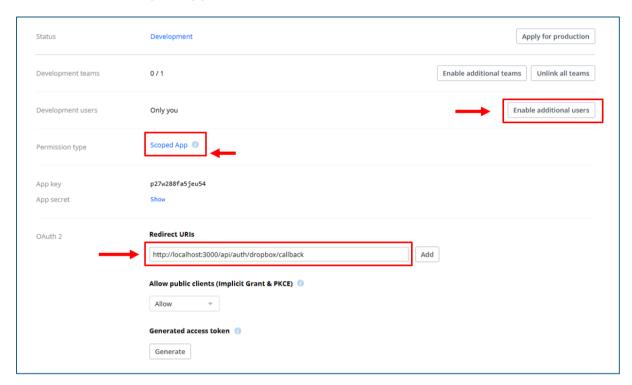


5. Follow steps below:





- 6. You may need to click on Enable additional users
- 7. Add http://localhost:3000/api/auth/dropbox/callback
- 8. Click on Scoped App



9. In scopes page, select:

- account_info.read
- files.metadata.read
- files.content.write
- files.content.read
- sharing.read
- file_requests.write
- file_requests.read
- openid

10. Copy **App key** and **App secret** (click on show)



11. Paste it to platform



- 12. Click on **Done** button
- 13. Finished project setup

