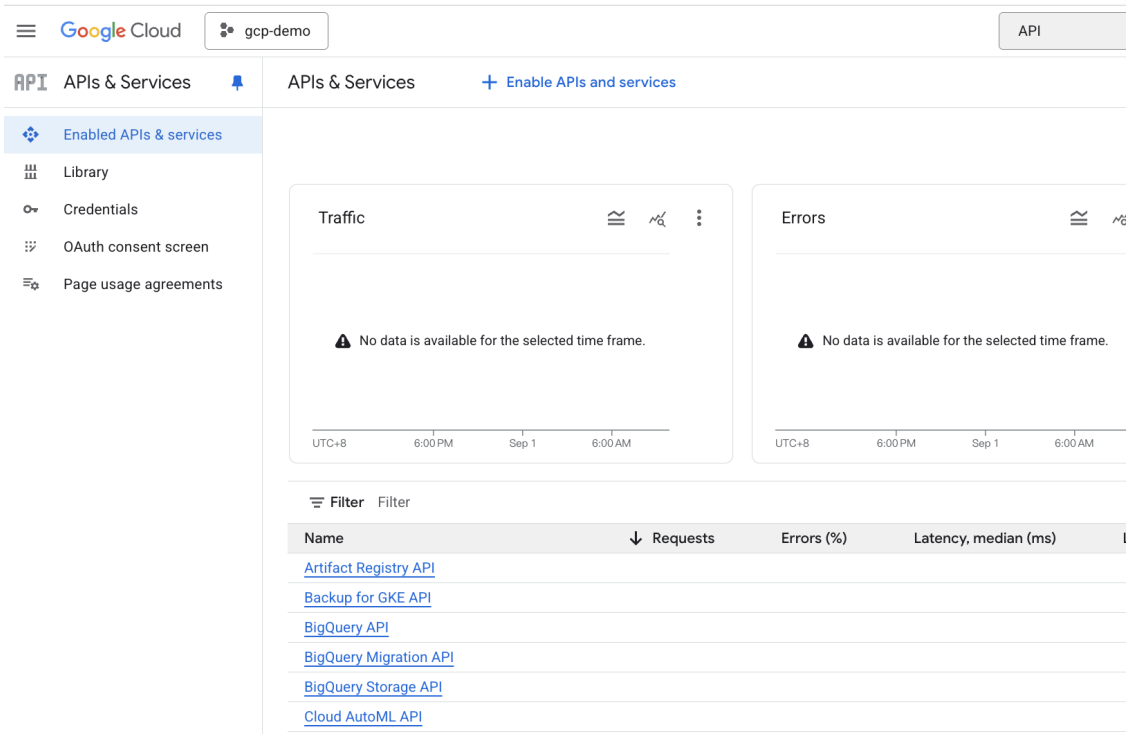
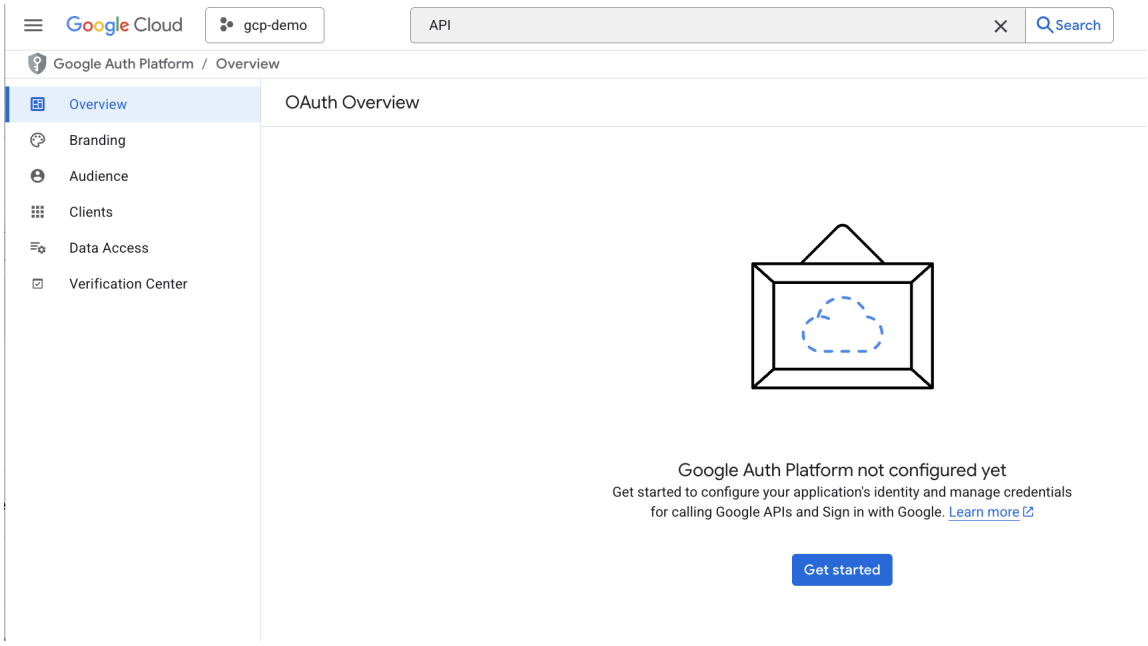
How to upload video to youtube

Config OAuth 2.0

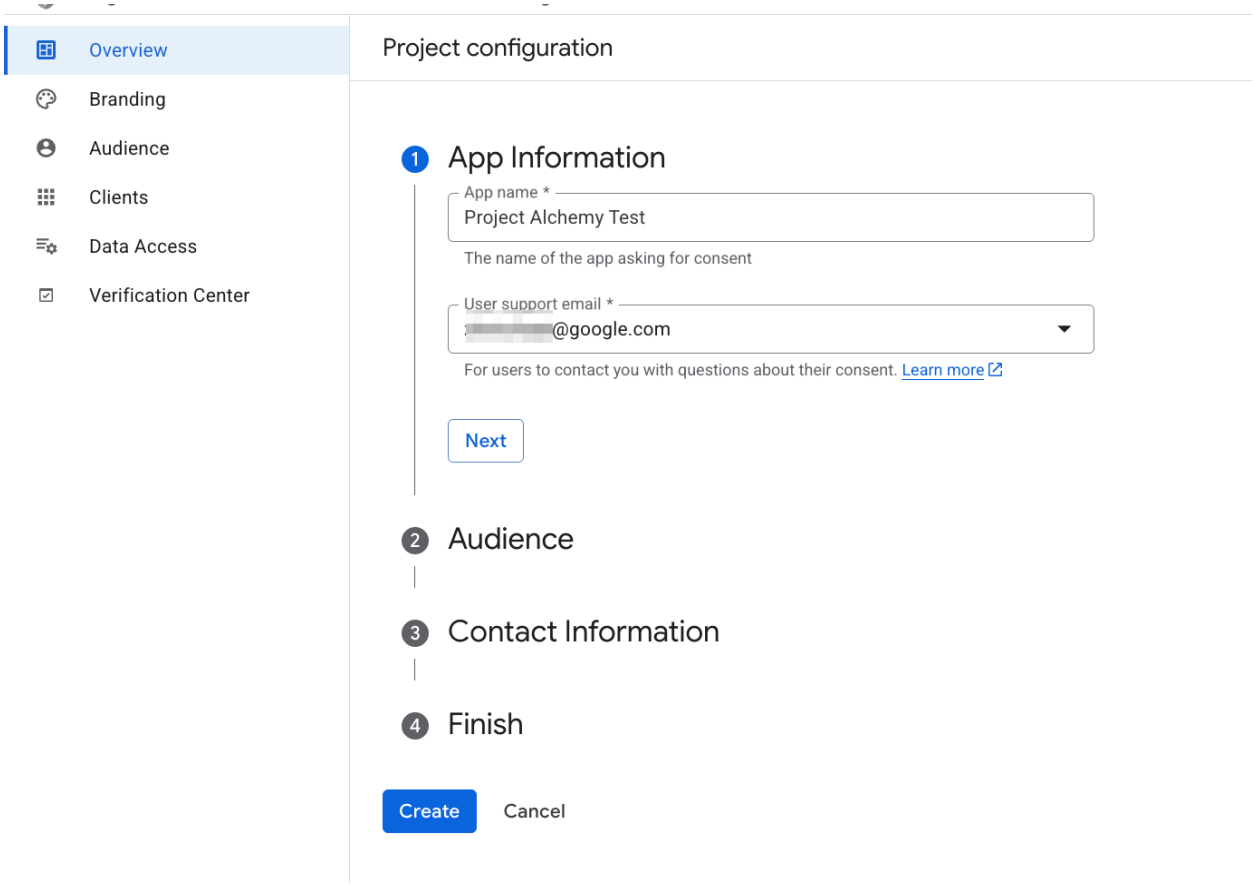
Goto “APIs & Services” in management console:

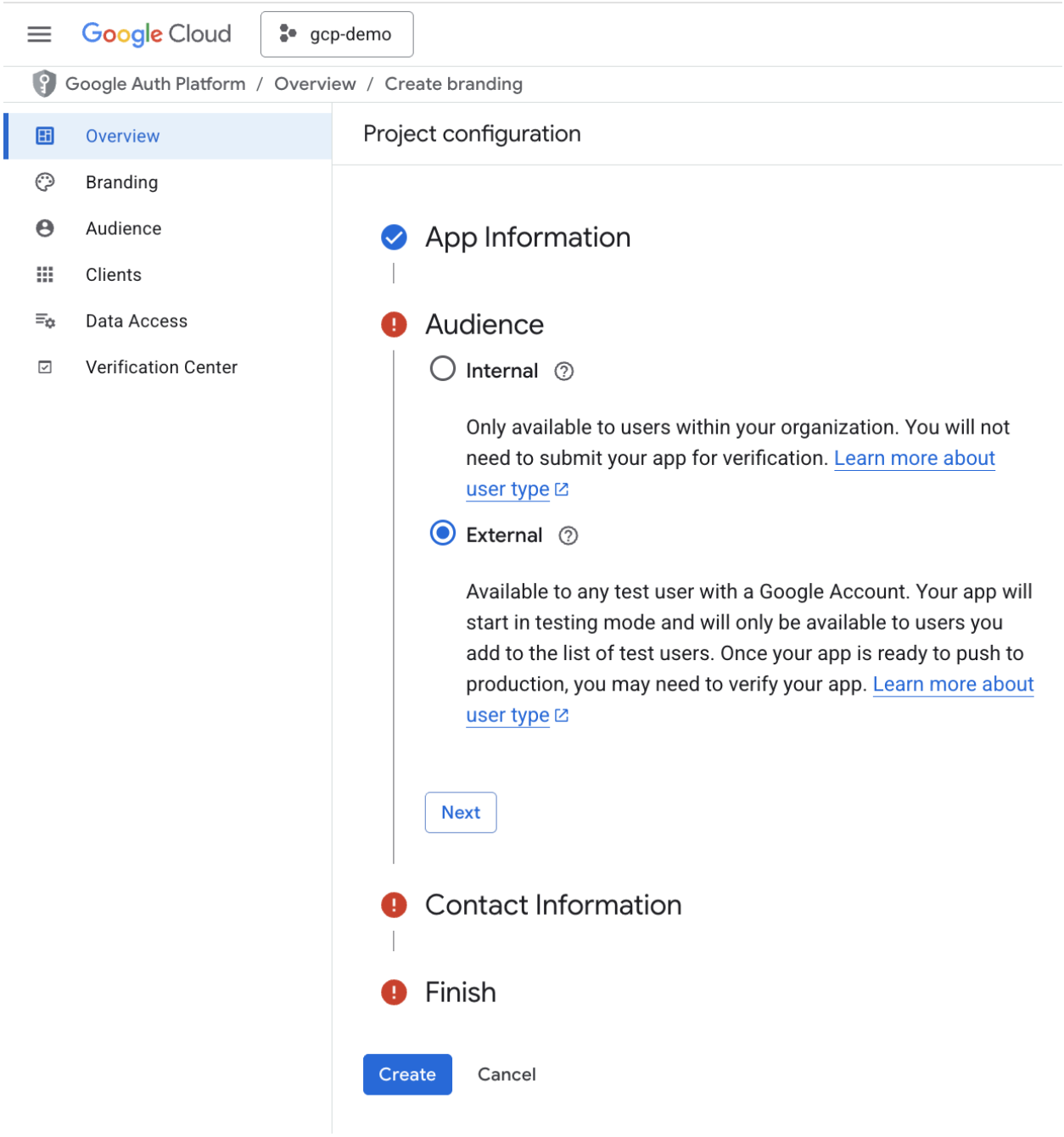


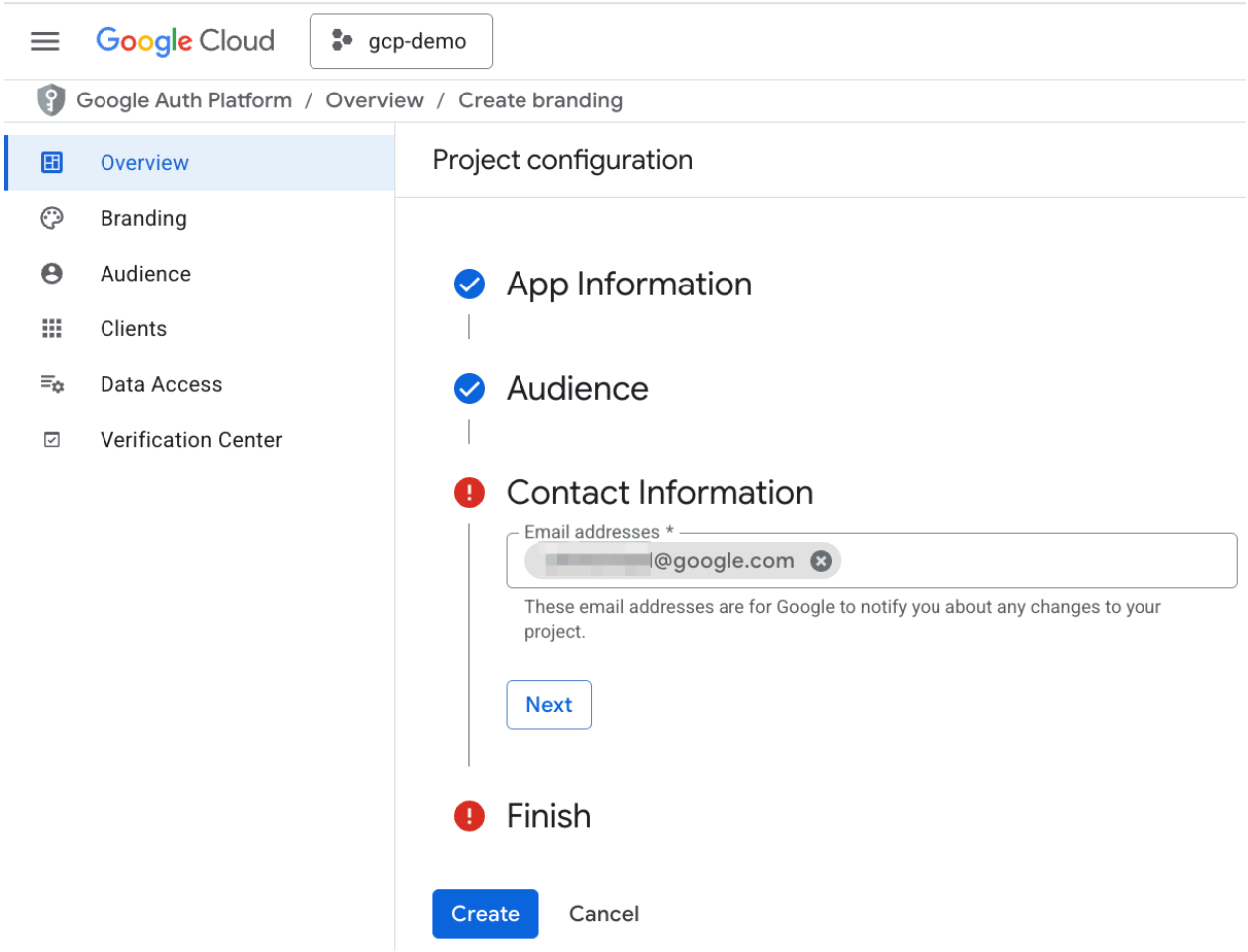
Click “OAuth consent screen”, goto “OAuth Overview”

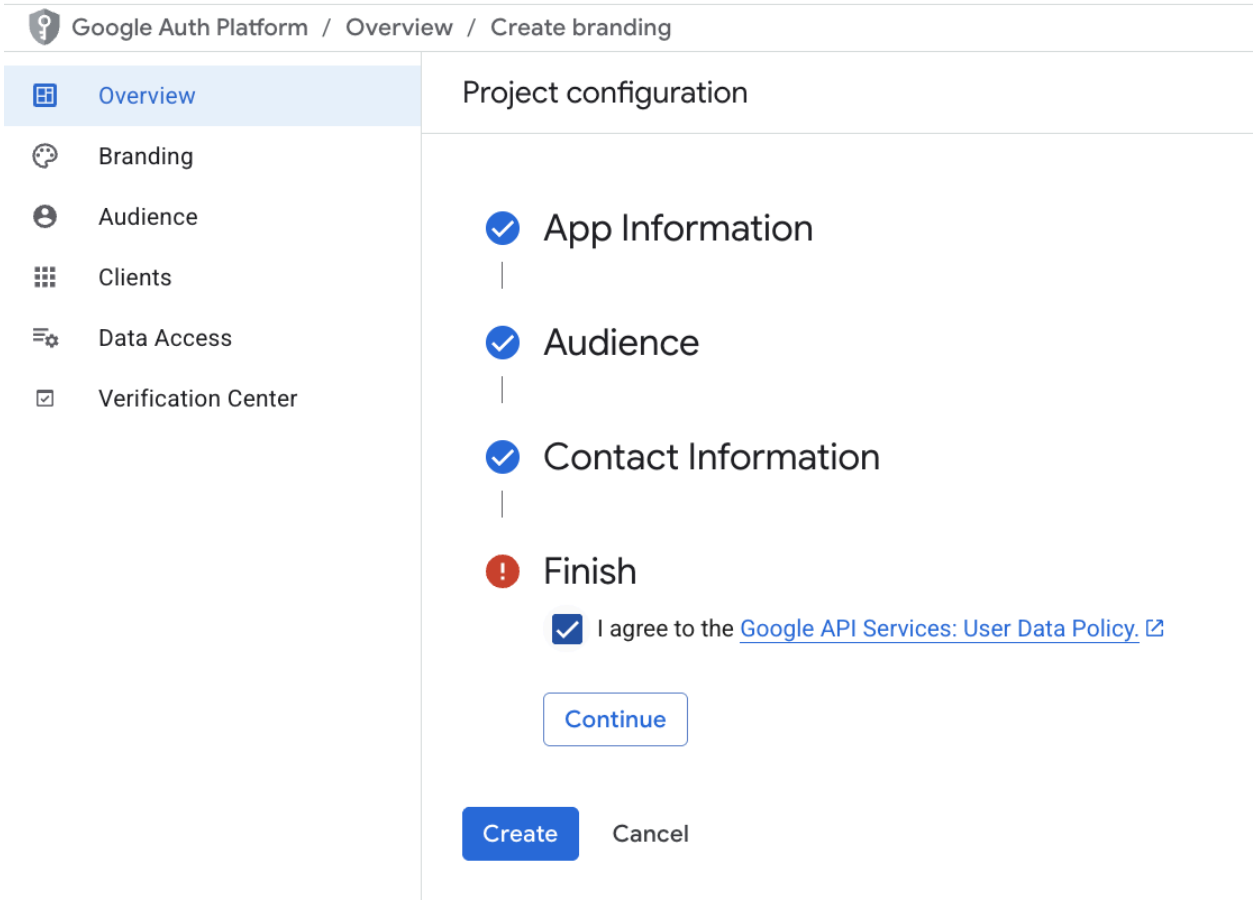


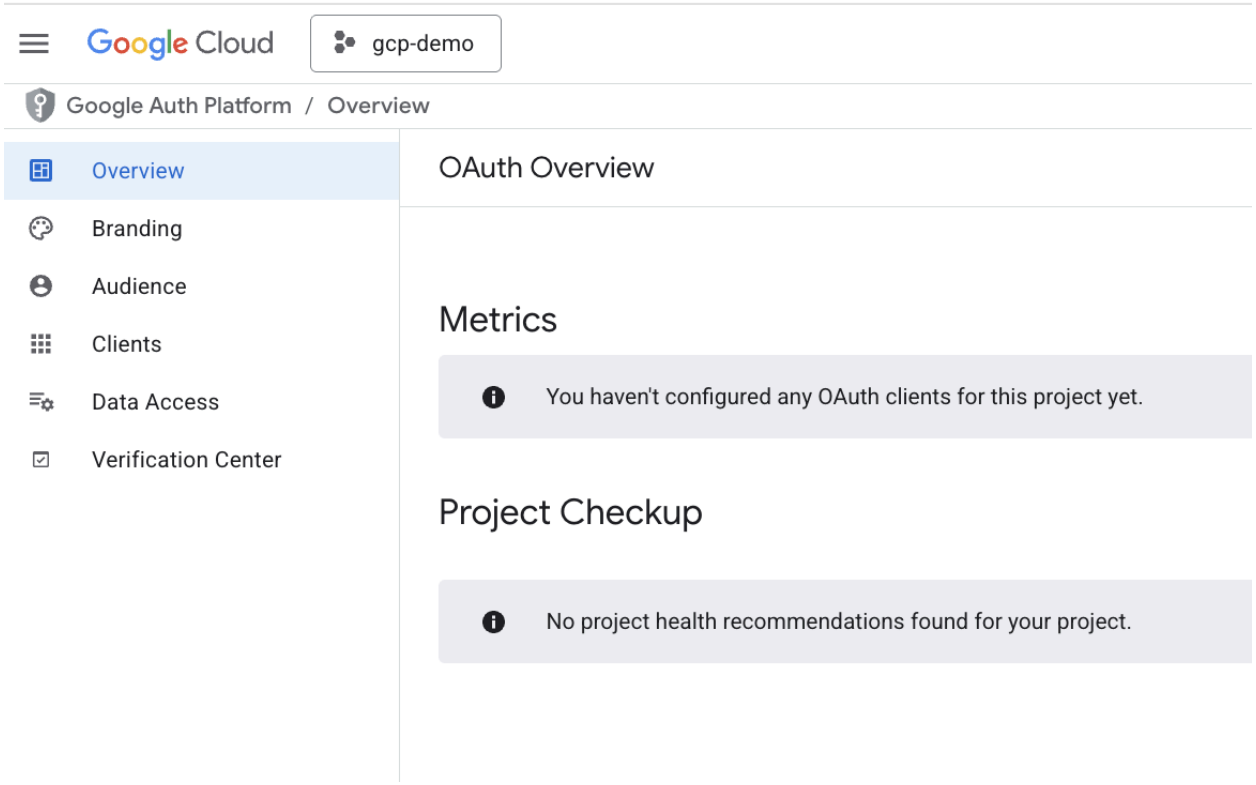
Click “Get started”



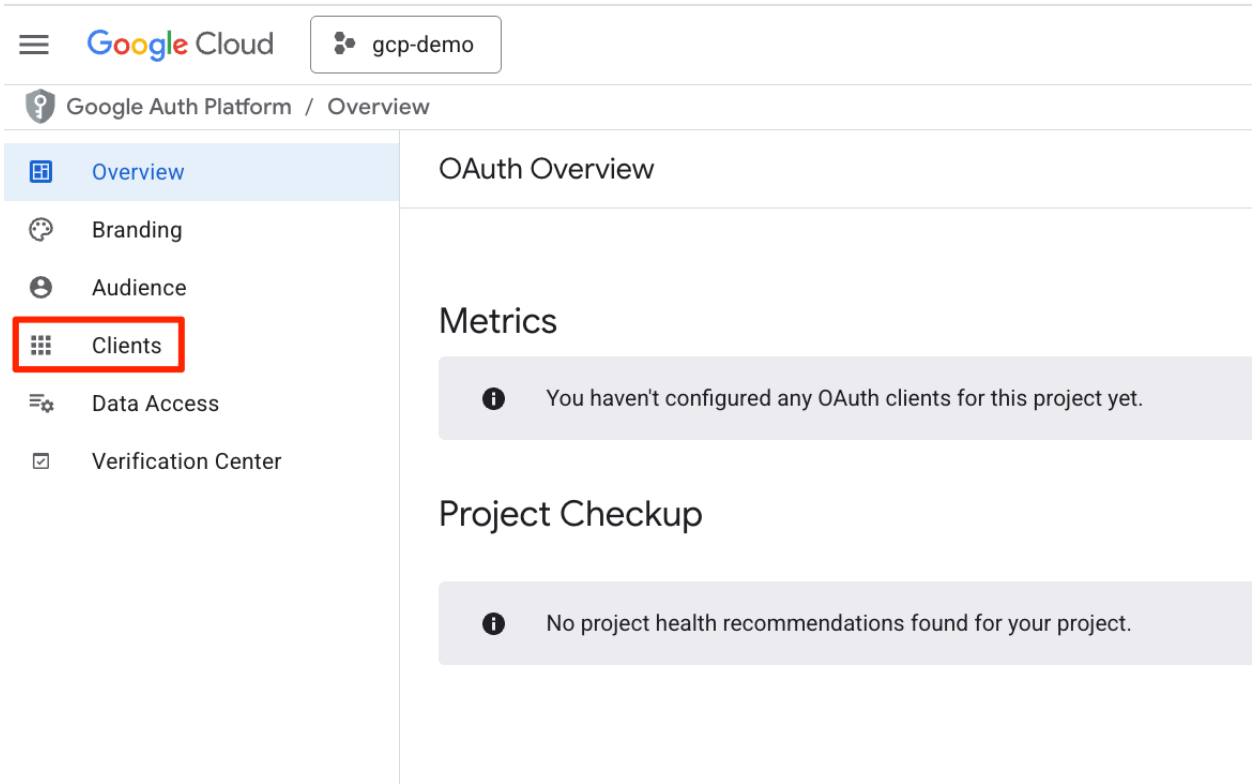

Google Cloud
gcp-demo
Google Auth Platform / Overview / Create branding
Overview
Branding
Audience
Clients
Data Access
Verification Center
Project configuration
App Information
Audience
Internal
Only available to users within your organization. You will not need to submit your app for verification. Learn more about user type
External
Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to verify your app. Learn more about user type
Next
Contact Information
Finish
Create
Cancel

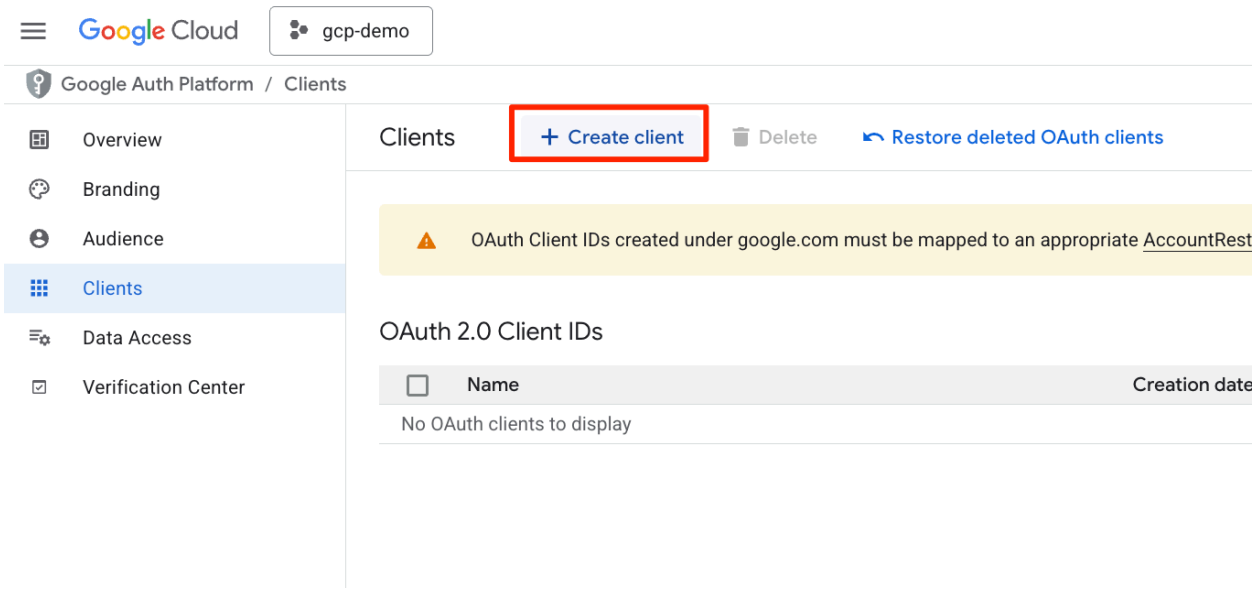

Google Cloud
gcp-demo
Google Auth Platform / Overview / Create branding
Overview
Branding
Audience
Clients
Data Access
Verification Center
Project configuration
App Information
Audience
Contact Information
Email addresses *
@google.com
These email addresses are for Google to notify you about any changes to your project.
Next
Finish
Create
Cancel

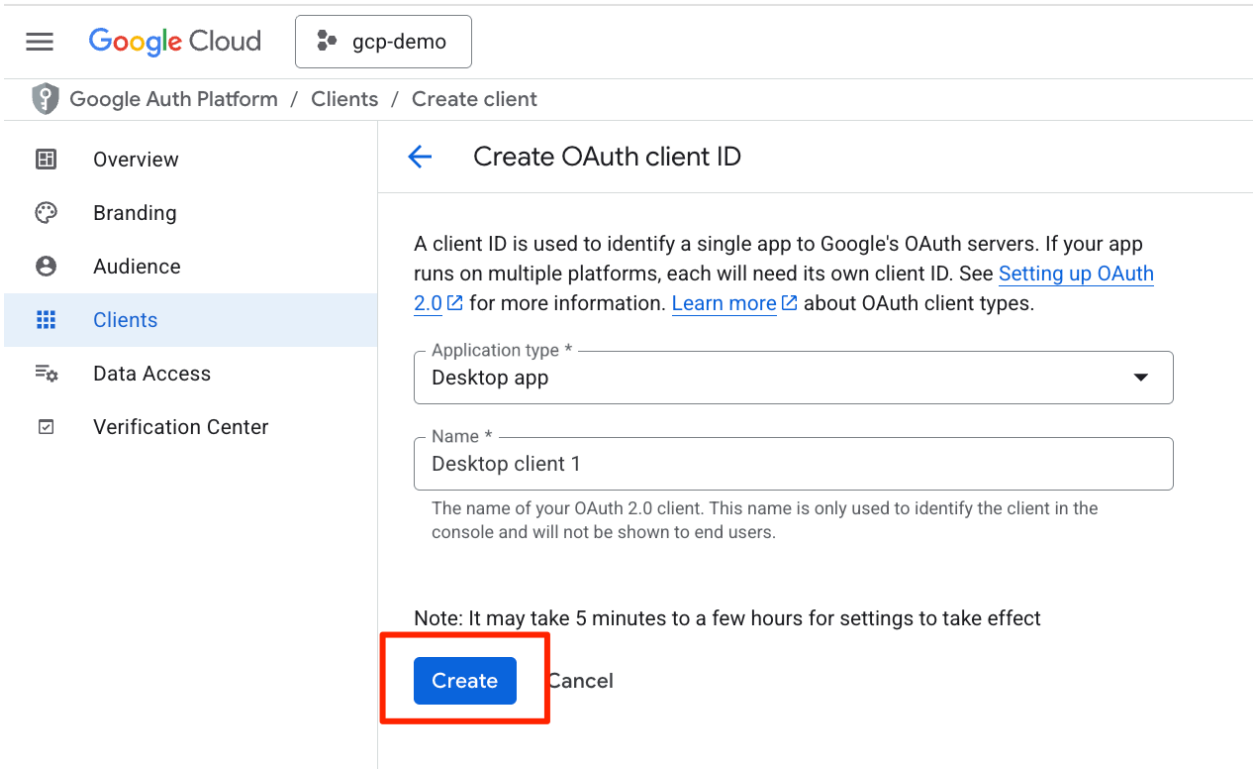

Google Auth Platform / Overview / Create branding
Overview
Branding
Audience
Clients
Data Access
Verification Center
Project configuration
App Information
Audience
Contact Information
Finish
I agree to the Google API Services: User Data Policy.
Continue
Create
Cancel



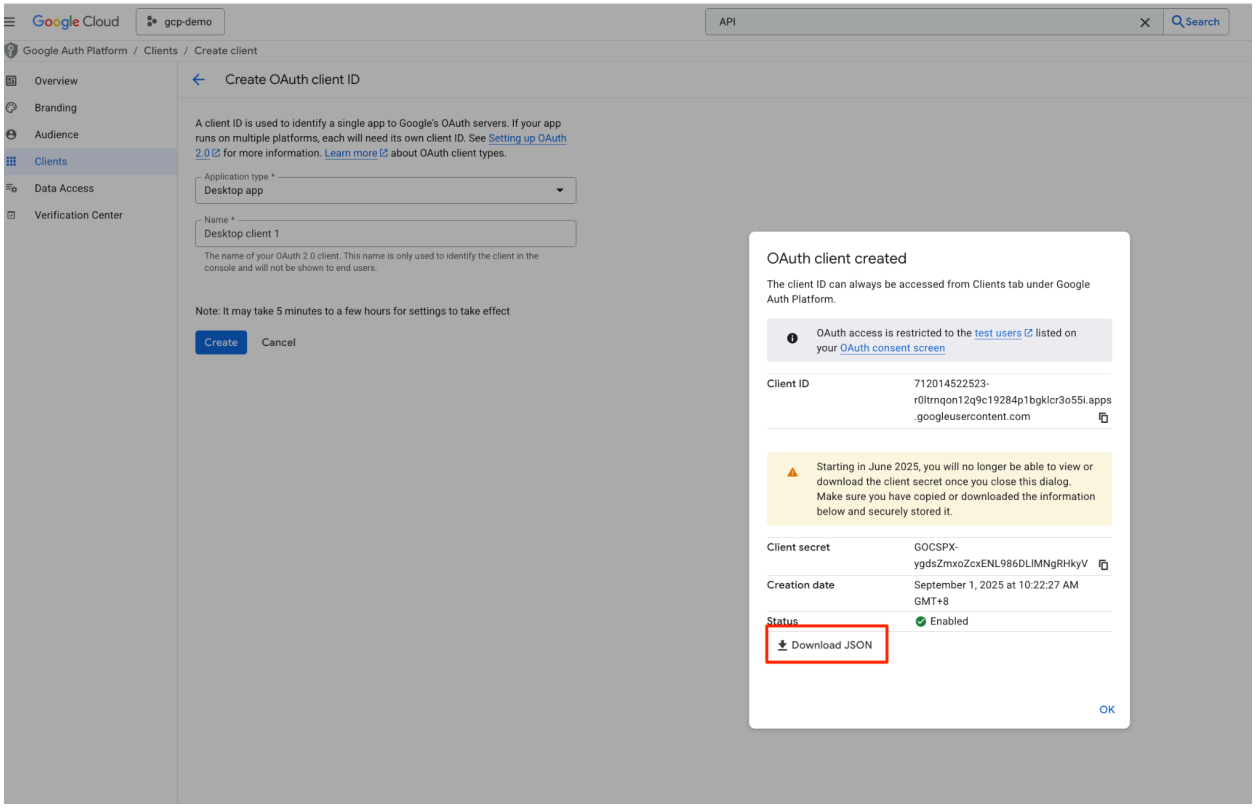
Click “Client” to add a client:







Click Download JSON, save as client_secrets.json

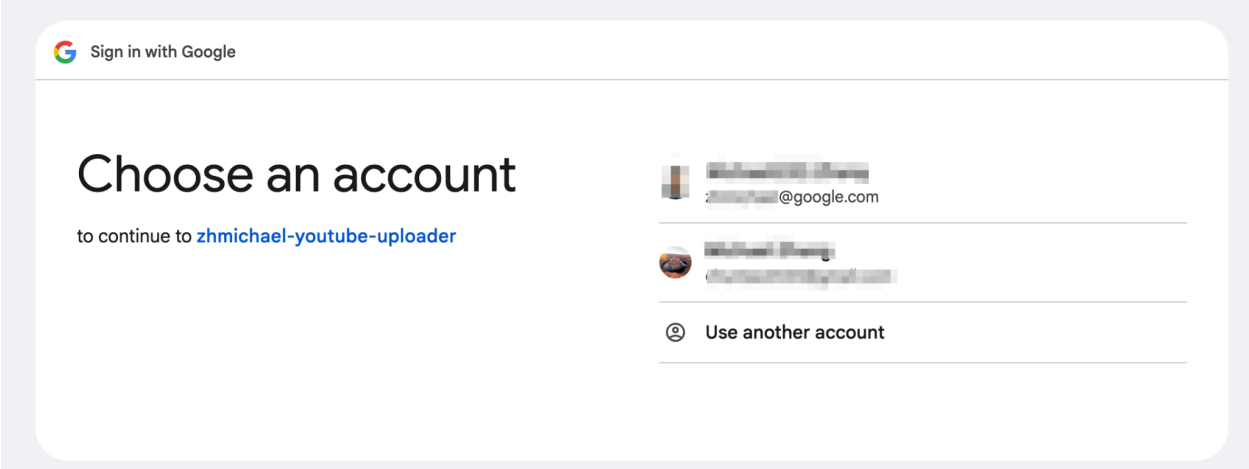


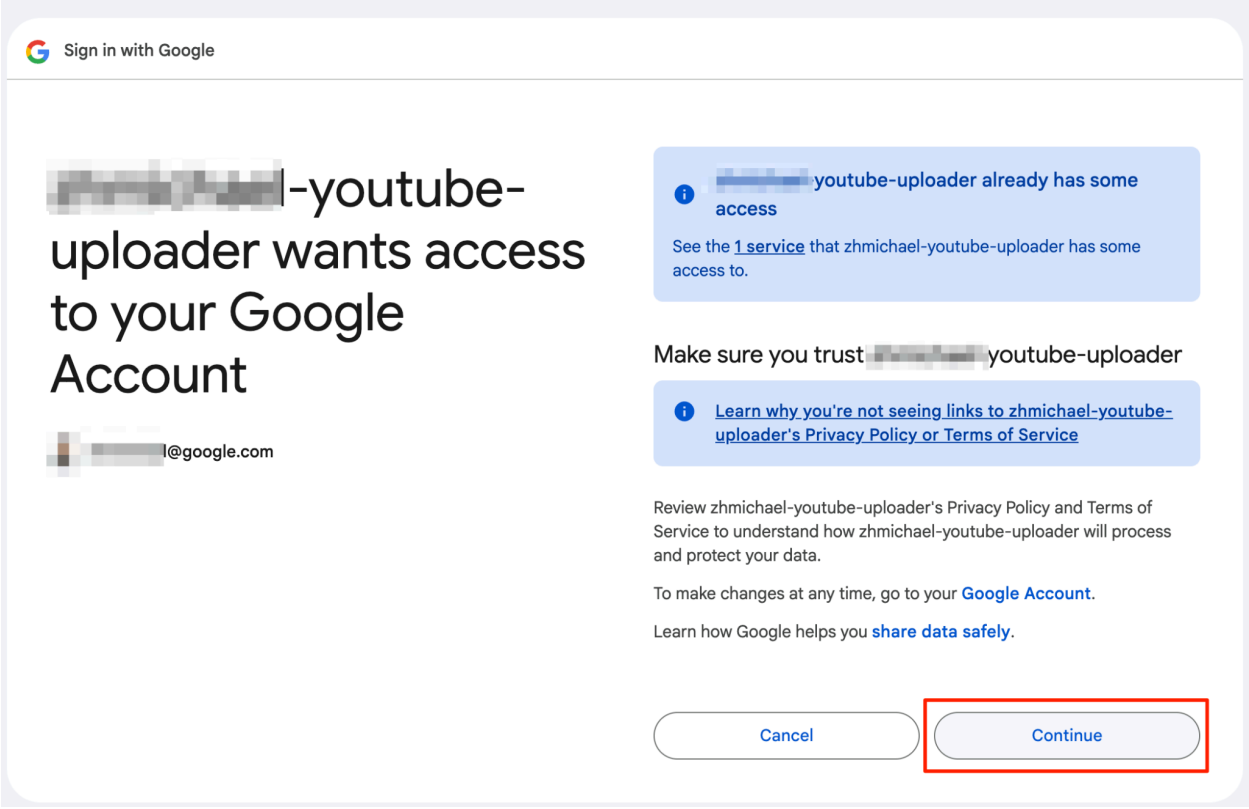
Sample code

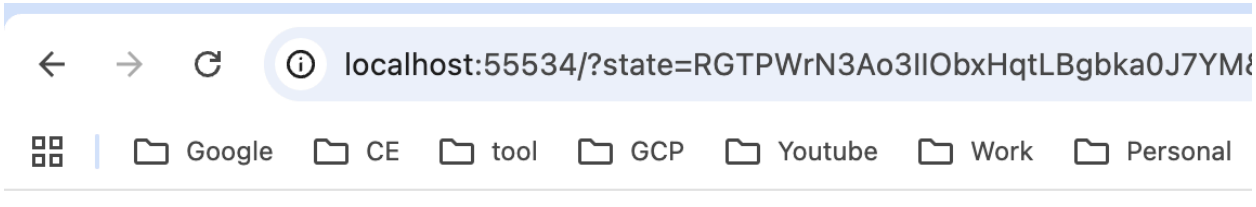
python upload.py --file="/Users/zhmichael/github/youtube/story.mp4" --title="Summer vacation in California" --description="Had fun surfing in Santa Cruz" --keywords="surfing,Santa Cruz" --category="22" --privacyStatus="private"

For the first call, will prompt an authentication flow for access right:

```
ichael-macbookpro3:youtube chael$ python upload.py --file="/Users/zhmichael/github/youtube/story.mp4" --title="Summer vacation in California" --description="Had fun surfing in Santa Cruz" --keywords="surfing,Santa Cruz" --category="22" --privacyStatus="private"
Please visit this URL to authorize this application: https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=413417393622-umnqne51ar8fg15hj26jrhelp5tof4ig.apps.googleusercontent.com&redirect_uri=http%3A%2F%2Flocalhost%3A55534%2F&scope=https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fyoutube.upload&state=RGTPWrN3Ao3IIObxHqtLBgbka0J7YM&access_type=offline
```


Sign in with Google
Choose an account
to continue to zhmichael-youtube-uploader
@google.com
Use another account

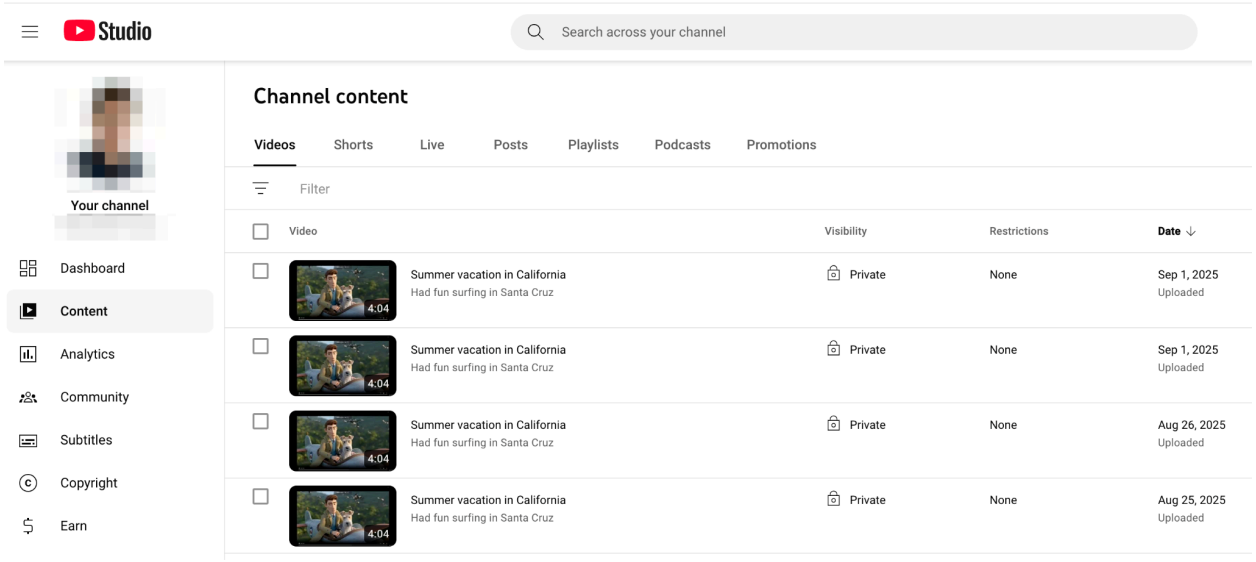

Sign in with Google
-youtube-uploader wants access to your Google Account
l@google.com
youtube-uploader already has some access
See the 1 service that zhmichael-youtube-uploader has some access to.
Make sure you trust youtube-uploader
Learn why you're not seeing links to zhmichael-youtube-uploader's Privacy Policy or Terms of Service
Review zhmichael-youtube-uploader's Privacy Policy and Terms of Service to understand how zhmichael-youtube-uploader will process and protect your data.
To make changes at any time, go to your Google Account.
Learn how Google helps you share data safely.
Cancel
Continue



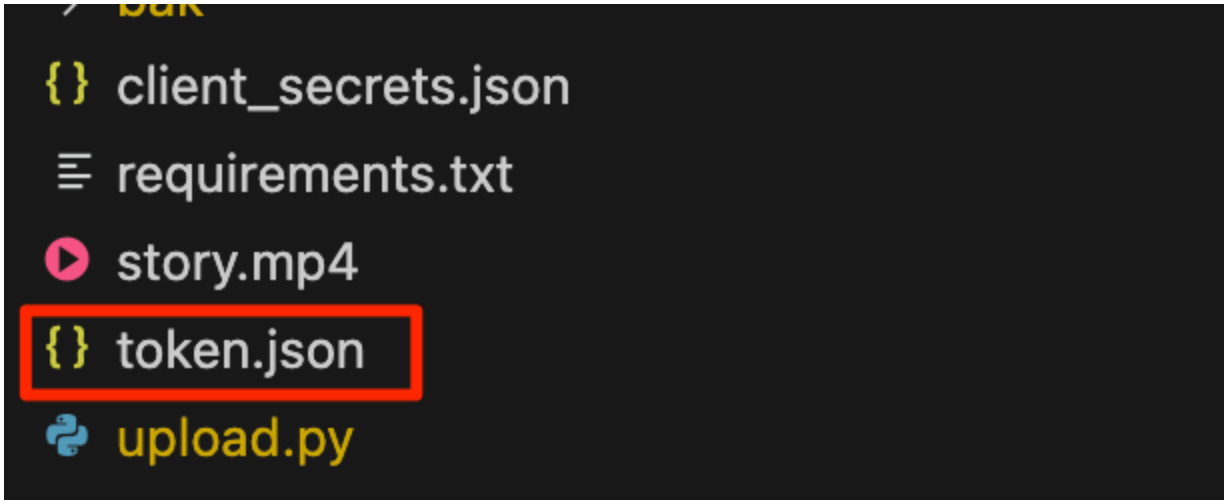
The video file will be uploaded to youtube successfully:

```
zhmichael-macbookpro3:youtube zhmichael$ python upload.py --file="/Users/zhmichael/github/youtube/story.mp4" --title="Summer vacation in California" --description="Had fun surfing in Santa Cruz" --keywords="surfing,Santa Cruz" --category="22" --privacyStatus="private"
Please visit this URL to authorize this application: https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=413417393622-umnqne51ar8fg15hj26jrhelp5tof4ig.apps.googleusercontent.com&redirect_uri=http%3A%2F%2Flocalhost%3A55534%2F&scope=https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fyoutube.upload&state=RGTPWrN3Ao3IlObxHqtLBgbka0J7YM&access_type=offline
Uploading file...
 -> Uploaded video ID GhYJOWSvHBA - https://www.youtube.com/watch?v=GhYJOWSvHBA
```

Will find the video has been uploaded to youtube:



In this sample code, token.json will be created, later upload will reuse this credential, don't need authentication flow again:



Attention:
If your application is to C, you should store the content of token.json in the database for each individual user.