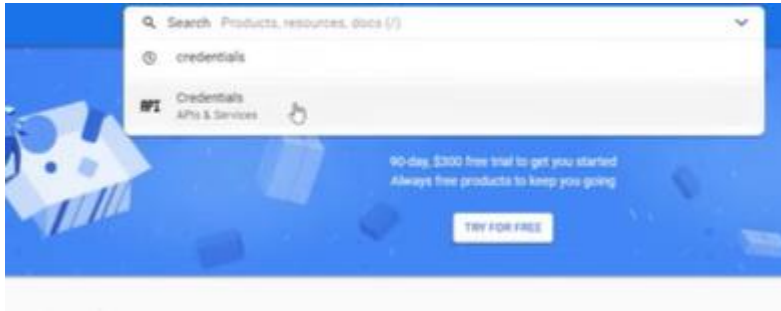


Alur OAuth Google

- Pertama kita harus mendapatkan Client ID untuk mengalihkan pengunjung ke halaman tertentu setelah berhasil login ke akun google. Kunjungi <https://console.developers.google.com/>

- Di pencarian ketik “Credentials”



- Selanjutnya buat project baru, nama project bisa disesuaikan dengan project yang sedang dibuat contoh : “Client ID”

A screenshot of the Google Cloud Platform 'Create Project' form. The form is white with a blue header. It contains a warning message at the top: 'You have 10 projects remaining in your quota. Request an increase or delete projects. Learn more'. Below this, there is a 'Project name' field with the text 'My Project 572'. Below the name field, there is a 'Project ID' field with the text 'formal-chassis-351300'. Below the ID field, there is a 'Location' field with the text 'No organization'. At the bottom, there are 'CREATE' and 'CANCEL' buttons.

- Selanjutnya akan diarahkan Kembali ke Credentials, klik OAuth consent screen Terdapat dua pilihan untuk user type yaitu **Internal** dan **External**. Saya menggunakan user type **External**.

A screenshot of the Google Cloud Platform 'OAuth consent screen' configuration page. The page is white with a blue header. On the left, there is a sidebar with a menu containing 'Enabled APIs & services', 'Library', 'Credentials', 'OAuth consent screen', 'Domain verification', and 'Page usage agreements'. The 'OAuth consent screen' item is selected. The main content area is titled 'OAuth consent screen' and contains a heading 'Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.' Below this, there is a 'User Type' section with two radio buttons: 'Internal' and 'External'. The 'External' radio button is selected. Below the radio buttons, there is a description for the 'External' user type: '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'. At the bottom, there is a 'CREATE' button.

- Setelah itu isi dibagian app registration dan isi form yang diperlukan

Google Cloud Platform TestLogin

APIs & Services

- Enabled APIs & services
- Library
- Credentials
- OAuth consent screen**
- Domain verification
- Page usage agreements

Edit app registration

1 OAuth consent screen — 2 Scopes — 3 Test users — 4 Summary

App information

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

App name *
TestLogin
The name of the app asking for consent

User support email *
For users to contact you with questions about their consent

App logo [BROWSE](#)
Upload an image, not larger than 1MB on the consent screen that will help users recognize your app. Allowed image formats are JPG, PNG, and BMP. Logos should be square and 120px by 120px for the best results.

App domain

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

Application home page
Provide users a link to your home page

Application privacy policy link
Provide users a link to your public privacy policy

Pada bagian Authorized JavaScripts origins dan Authorized redirect URIs , isi dengan alamat localhost :

1. <http://localhost>
2. <http://localhost:3000> (default port di react)

- Setelah selesai dan masuk ke sesi Scopes, klik saja save and continue

Edit app registration

1 OAuth consent screen — **2 Scopes** — 3 Test users — 4 Summary

Scopes express the permissions you request users to authorize for your app and allow your project to access specific types of private user data from their Google Account. [Learn more](#)

[ADD OR REMOVE SCOPES](#)

Your non-sensitive scopes

API ↑	Scope	User-facing description
No rows to display		

Your sensitive scopes

Sensitive scopes are scopes that request access to private user data.

API ↑	Scope	User-facing description
No rows to display		

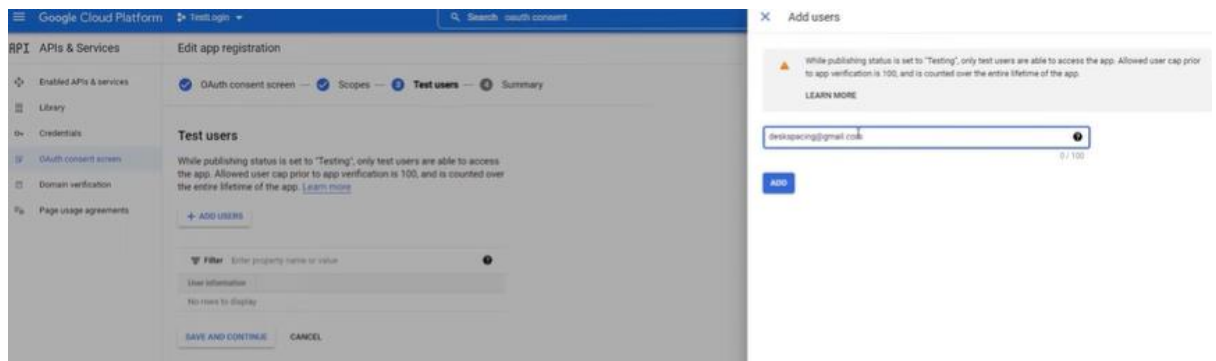
Your restricted scopes

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

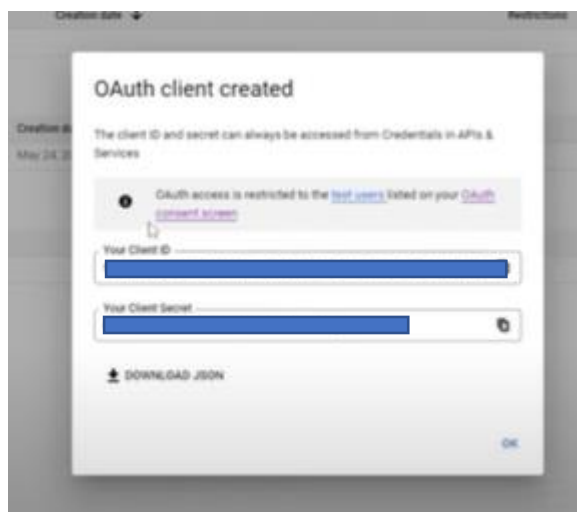
API ↑	Scope	User-facing description
No rows to display		

[SAVE AND CONTINUE](#) [CANCEL](#)

- Pada masuk sesi Test users, masukkan email sebagai tester



- Setelah selesai maka akan muncul Client ID dan Client Secret, salin kode tersebut dan simpan.



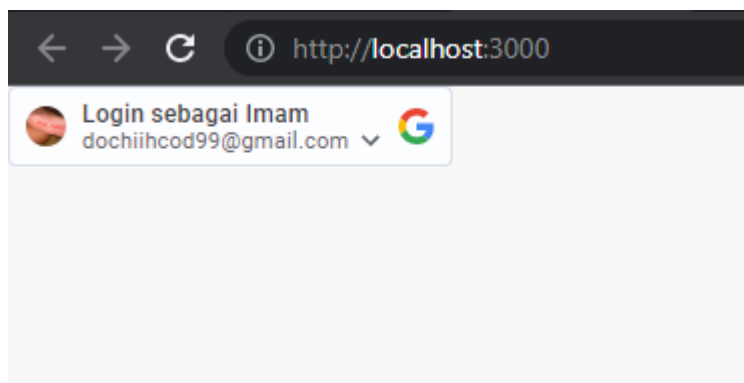
- Client ID yang sudah disimpan selanjutnya dimasukkan ke dalam syntax berikut

```
useEffect(() =>{
  /* global google */
  google.accounts.id.initialize({
    client_id : " ",
    callback: handleCallbackResponse
  });
})
```

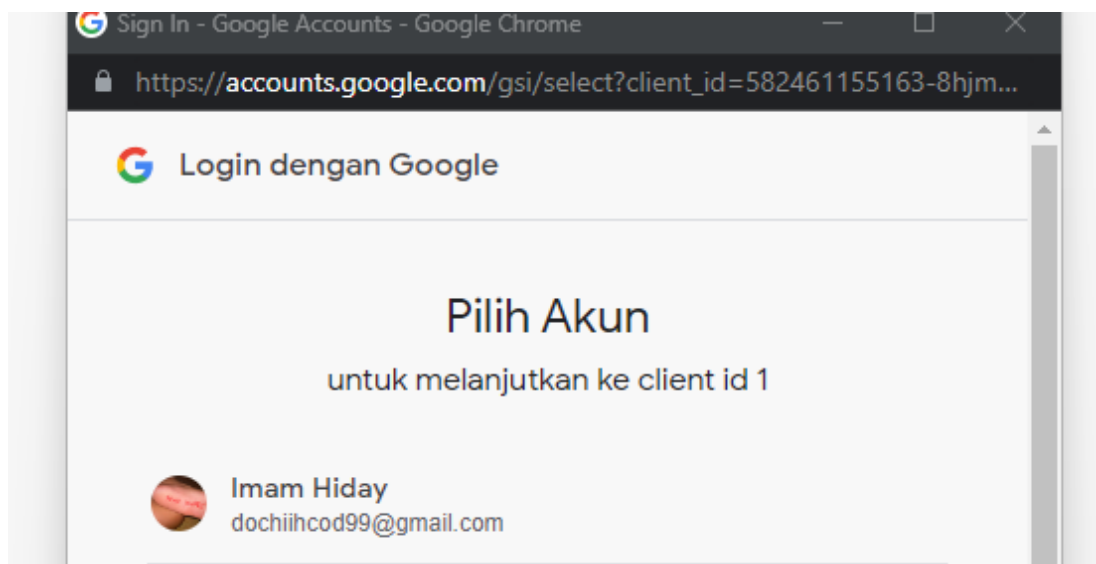
Client ID tempel

RESULT

- Berikut adalah tampilan hasil dari OAuth menggunakan google



- Jika tombol login OAuth di klik maka akan keluar pop up jendela login dengan gmail



- Jika berhasil Sign in maka akan menampilkan nama user, profil foto email user



- Jika user ingin mengakhiri sesi maka user dapat keluar dengan klik tombol Sign Out.

