

Google Auth Setup

What are these slides?

These slides will show you how to generate a **Client ID** for Google Sign-In.

During workshop 7, we all shared the same Client ID, but your team will need a unique Client ID in order to deploy your website for real.

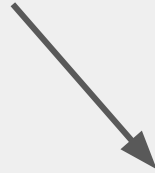
Start Here

- Follow this link to create your own project

weblab.is/auth

if that doesn't work, go [here](#)

- Go to this webpage to read about the process if you are curious:
weblab.is/dev-auth



Select a project



NEW PROJECT

Search projects and folders



RECENT

ALL

Name		ID
✓  Bukabuka 		bukabuka-1609370248518

Step 1: Create a new project

New Project



You have 9 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)


Project name *

Web Lab Test Project



Project ID: web-lab-test-project-411718. It cannot be changed later. [EDIT](#)

Location *

 No organization

[BROWSE](#)

Parent organization or folder

CREATE

CANCEL

Step 2: Enter a project name (anything you want)

Step 3:

The screenshot shows the Google Cloud console interface. At the top, the Google Cloud logo is on the left, and a dropdown menu shows 'Web Lab Test Project' with a red box around it. To the right of the dropdown is a search bar with the text 'Search (/) for resources, docs, products, and more' and a 'Search' button. Below the header, the main content area has a 'Welcome' message with the Google Cloud logo. It states 'You're working in Web Lab Test Project' and provides the project number '874581464729' and project ID 'web-lab-test-project'. There are links for 'Dashboard' and 'Recommendations'. Below these are four buttons: 'Create a VM', 'Run a query in BigQuery', 'Create a GKE cluster', and 'Create a storage bucket'. Further down is a 'Quick access' section with eight tiles: 'APIs & Services' (highlighted with a red box), 'IAM & Admin', 'Billing', 'Compute Engine', 'Cloud Storage', 'BigQuery', 'VPC network', and 'Kubernetes Engine'.

Google Cloud

Web Lab Test Project

Search (/) for resources, docs, products, and more

Search

Welcome

You're working in Web Lab Test Project

Project number: 874581464729 Project ID: web-lab-test-project

[Dashboard](#) [Recommendations](#)

+ Create a VM + Run a query in BigQuery + Create a GKE cluster + Create a storage bucket

Quick access

APIs & Services IAM & Admin Billing Compute Engine

Cloud Storage BigQuery VPC network Kubernetes Engine

a. Select your project

b. Select API & Services

APIs & Services

Enabled APIs & services

Library

Credentials

OAuth consent screen

Page usage agreements

Credentials

+ CREATE CREDENTIALS

DELETE

RESTORE DELETED CREDENTIALS

Create credentials to access your enabled APIs. [Learn more](#)

Remember to configure the OAuth consent screen with information about your application.

CONFIGURE CONSENT SCREEN

API Keys

<input type="checkbox"/>	Name	Creation date ↓	Restrictions	Actions
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OAuth consent screen

Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.

User Type

☐ 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](#)

CREATE

[Let us know what you think](#) about our OAuth experience

Choose external
consent screen

fill in only the required fields
and keep clicking next

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 *
Skeleton Test

The name of the app asking for consent

User support email *
qiongzhouh@gmail.com

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.

Authorized domains ?

When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the [Google Search Console](#) to check if your domains are authorized. [Learn more](#) about the authorized domain limit.

+ ADD DOMAIN

Developer contact information

Enter **YOUR** email

Email addresses *
qiongzhouh@gmail.com

These email addresses are for Google to notify you about any changes to your project.

SAVE AND CONTINUE

CANCEL

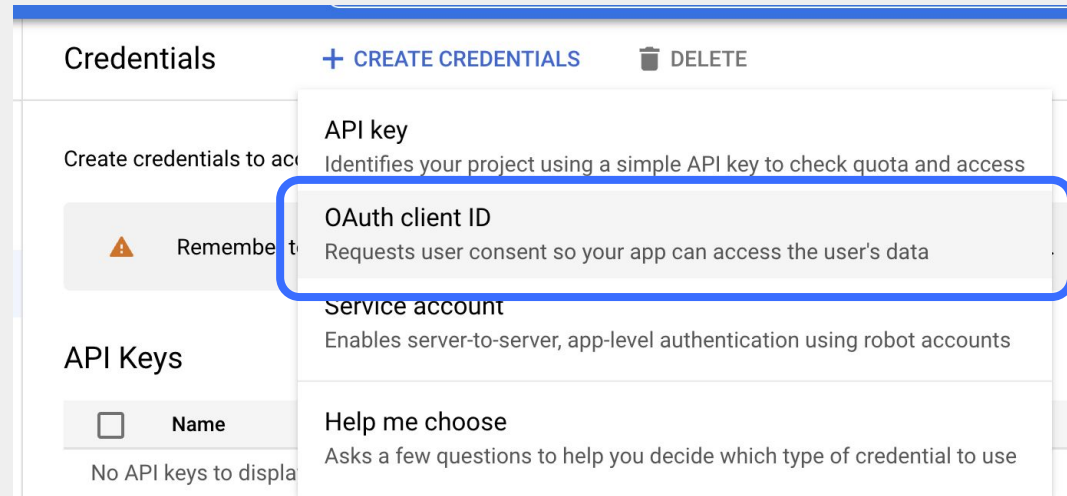
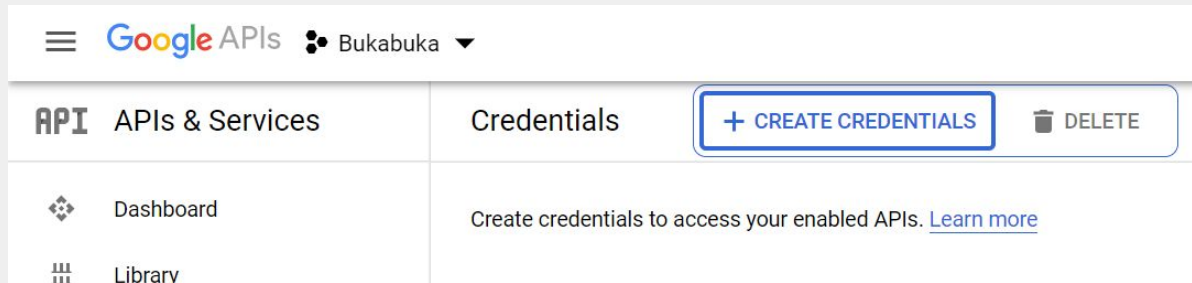
You can skip through the rest of the steps for the purposes of basic authentication

(Things like scopes are useful for things like reading the user's email or calendar info from your website, but we don't need that now) (We can help you with this if you want to work on something like this)

No rows to display

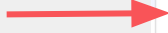
SAVE AND CONTINUE

CAN



Step 3: Create Credentials (Credentials tab on the side) (oAuth client ID)

Select "Web application"



Name *
Web client 1

The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.

i The domains of the URIs you add below will be automatically added to your [OAuth consent screen](#) as [authorized domains](#).

Authorized JavaScript origins ⓘ

For use with requests from a browser

URIs 1 *
http://localhost:5050

URIs 2 *
http://localhost

+ ADD URI

Make sure to add <http://localhost:5050> and <http://localhost> as authorized JavaScript origins



Note: It may take 5 mi

CREATE CANCEL

Step 4: Select 'Web Application' and Add an authorized javascript origin

(note: if it tells you to fill out a 'OAuth consent screen' before this, then just do that quickly (click on oauth consent screen on the left, select external for user type, just fill in only the required fields and keep clicking next)

OAuth client created

The client ID and secret can always be accessed from Credentials in APIs & Services



OAuth is limited to 100 [sensitive scope logins](#) until the [OAuth consent screen](#) is verified. This may require a verification process that can take several days.

Your Client ID

275472180213-ggennq5ud5d3f1lkid7dhblm9vel46ivg.apps.gc



Your Client Secret

w10LS9GKuLXgCcbSIrXLWBrt






OK

Step 5: Save your Client ID (you will need it later) (NOT client secret)

After Render Deployment

OAuth 2.0 Client IDs

<input type="checkbox"/>	Name	Creation date ↓	Type	Client ID	Actions
<input type="checkbox"/>	Web client 1	Jan 19, 2024	Web application	519761739942-5fsi...	<div>a. Edit your cred</div> <div></div>

Edit OAuth client

[Manage service accounts](#)

Service Accounts

Authorized JavaScript origins ?

For use with requests from a browser

URIs 1 *
http://localhost:5050

URIs 2 *
http://localhost

URIs 3 *
http://weblabproject.onrender.com

+ ADD URI

Add your deployed URL from render

Make sure to add this, or you will not be able to log in on your deployed site!