Google OAuth 2.0 Setup Guide (Google Auth Platform)

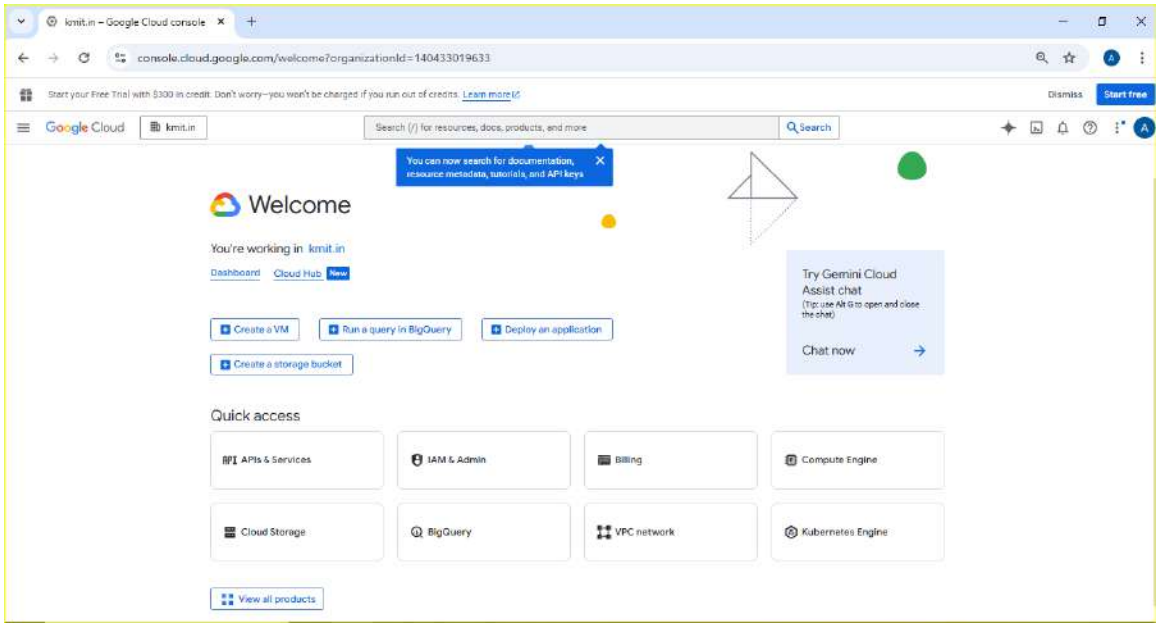
Goal

Obtain GOOGLE_CLIENT_ID and GOOGLE_CLIENT_SECRET to enable Google OAuth login.

Step 1: Open Google Cloud Console

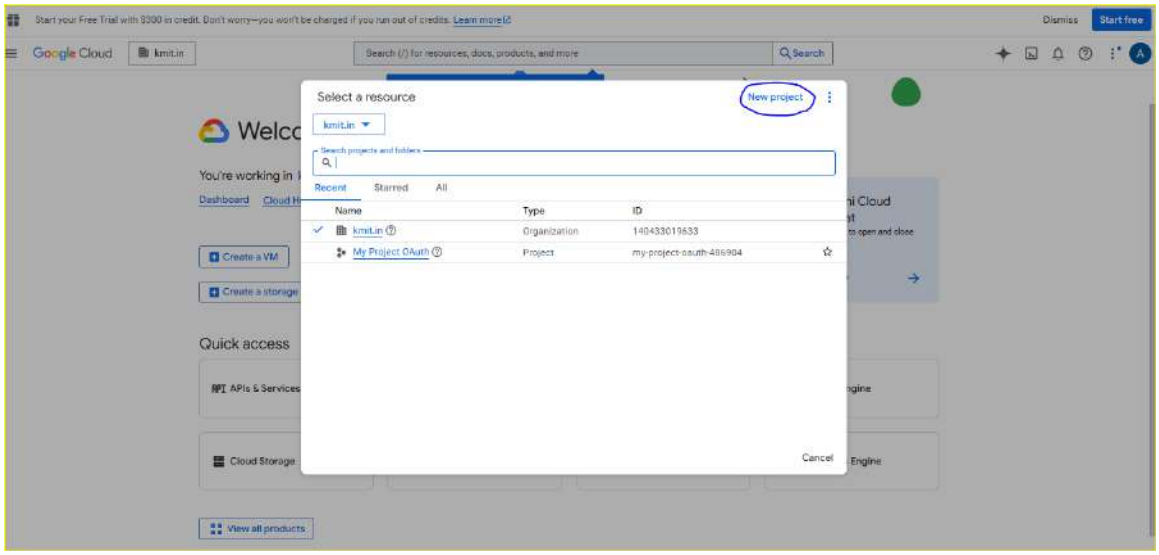
Visit https://console.cloud.google.com and sign in.

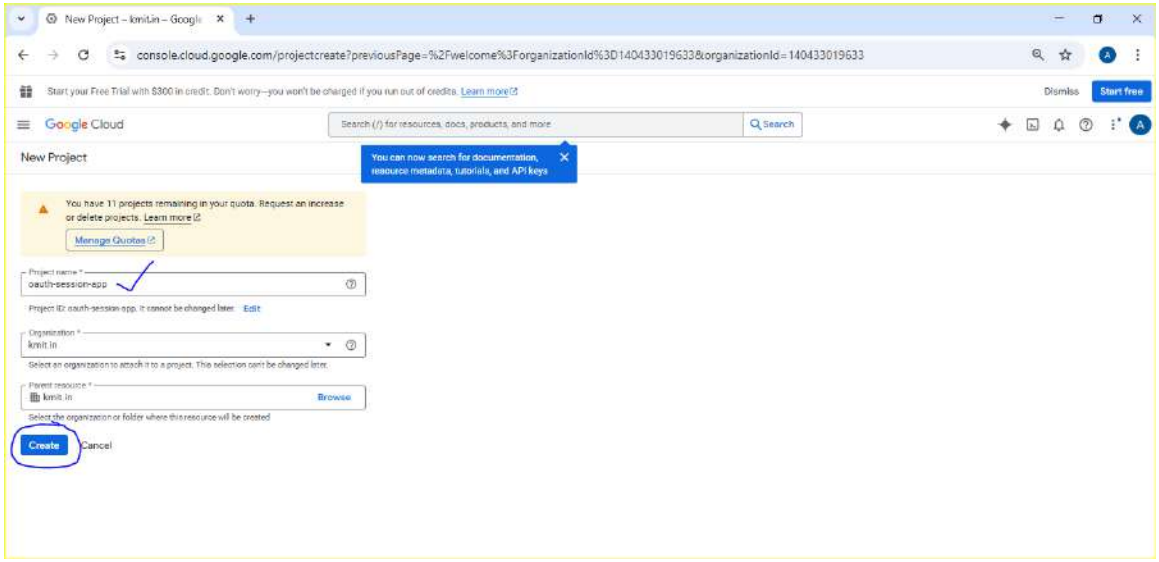
You'll land on the **Google Cloud Dashboard**.



Step 2: Create a Project

Create a new project named oauth-session-app.





Step 3: Configure OAuth Consent and Branding

Navigate to Google Auth Platform → Overview and click Get started.

Navigate to:

APIs & Services → OAuth consent screen

1. Choose User Type

You'll see:

- Internal
- External

☞ Select:

External

(Internal works only for Google Workspace orgs)

Click **CREATE**

---

2. App Information

Field	Value
App name	oauth-session-app
User support email	your email
App logo	leave empty

Scroll down.

---

3. Developer contact info

Field	Value
Email	your email

Click **SAVE AND CONTINUE**

---

4. Scopes page

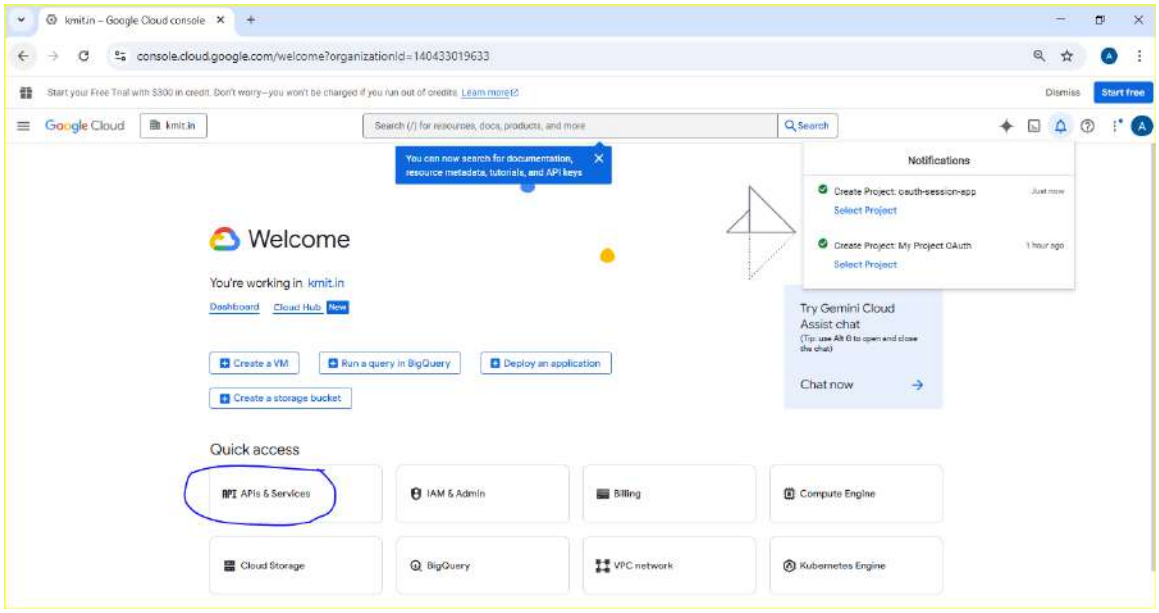
You will see a scopes screen.

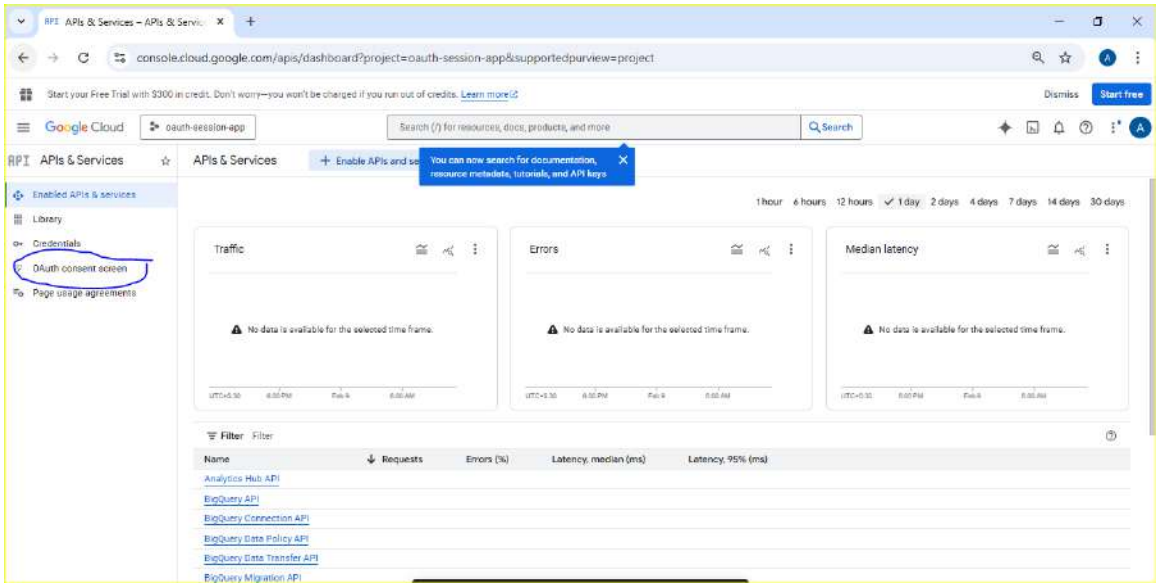
☞ **DO NOTHING**

Just click:

SAVE AND CONTINUE

(We'll request scopes dynamically in code)


kmit.in – Google Cloud console
console.cloud.google.com/welcome?organizationId=140433019633
Start your Free Trial with $300 in credit. Don't worry—you won't be charged if you run out of credits. Learn more
Dismiss
Start free
Google Cloud
kmit.in
Search (/) for resources, docs, products, and more
Search
You can now search for documentation, resource metadata, tutorials, and API keys
Notifications
Create Project: oauth-session-app
Select Project
Create Project: My Project OAuth
Select Project
Welcome
You're working in kmit.in
Dashboard
Cloud Hub
New
Create a VM
Run a query in BigQuery
Deploy an application
Create a storage bucket
Try Gemini Cloud Assist chat
Chat now
Quick access
APIs & Services
IAM & Admin
Billing
Compute Engine
Cloud Storage
BigQuery
VPC network
Kubernetes Engine


APIs & Services – APIs & Servic
console.cloud.google.com/apis/dashboard?project=oauth-session-app&supportedpurview=project
Start your Free Trial with $300 in credit. Don't worry—you won't be charged if you run out of credits. Learn more
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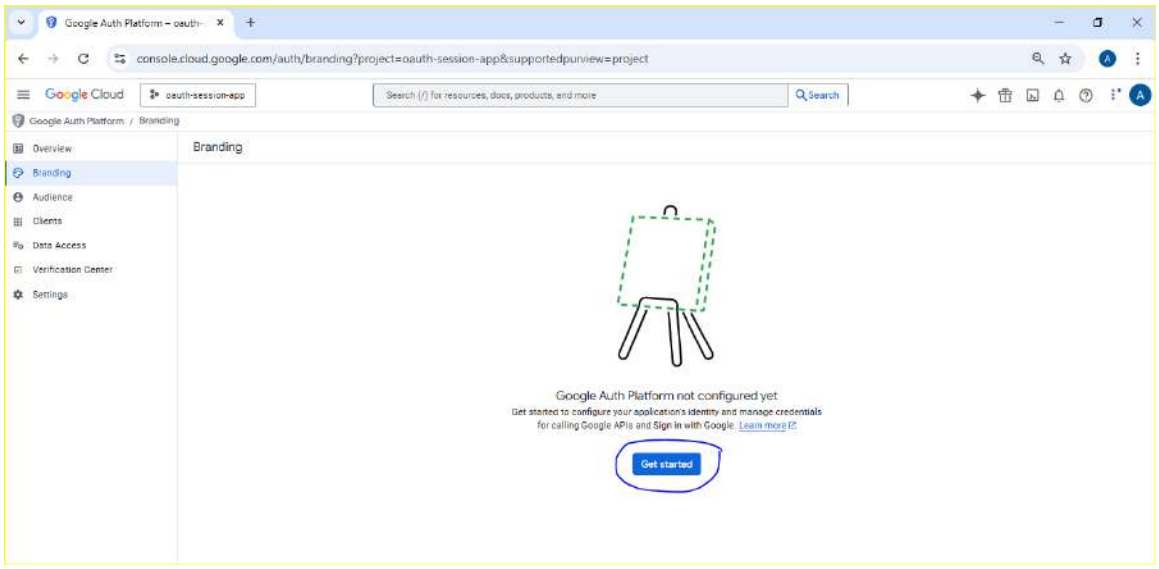
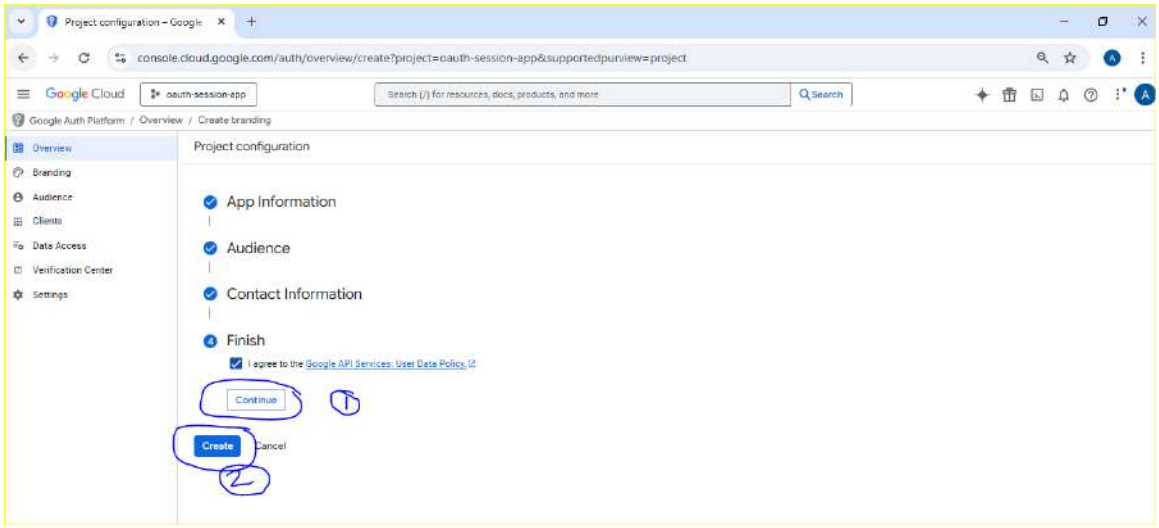
Google Cloud
oauth-session-app
Search (/) for resources, docs, products, and more
Search
APIs & Services
Enabled APIs & services
Library
Credentials
OAuth consent screen
Page usage agreements
APIs & Services
+ Enable APIs and se
You can now search for documentation, resource metadata, tutorials, and API keys
1 hour
6 hours
12 hours
1 day
2 days
4 days
7 days
14 days
30 days
Traffic
Errors
Median latency
No data is available for the selected time frame.
Filter
Name
Requests
Errors (%)
Latency, median (ms)
Latency, 95% (ms)
Analytics Hub API
BigQuery API
BigQuery Connection API
BigQuery Data Policy API
BigQuery Data Transfer API
BigQuery Migration API





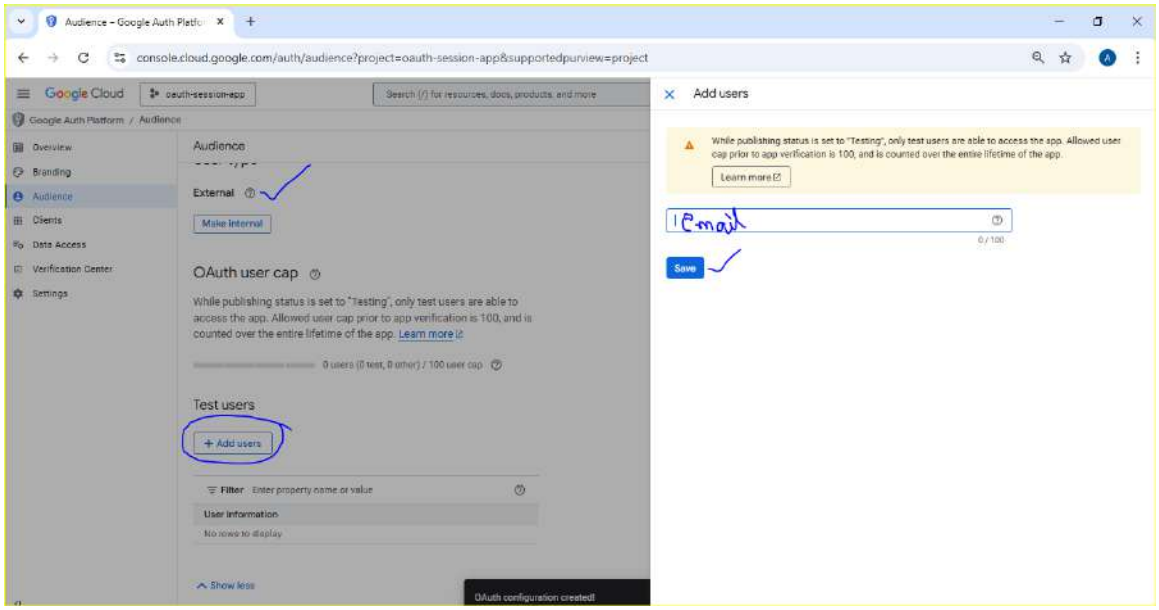
Step 4: Audience and Clients

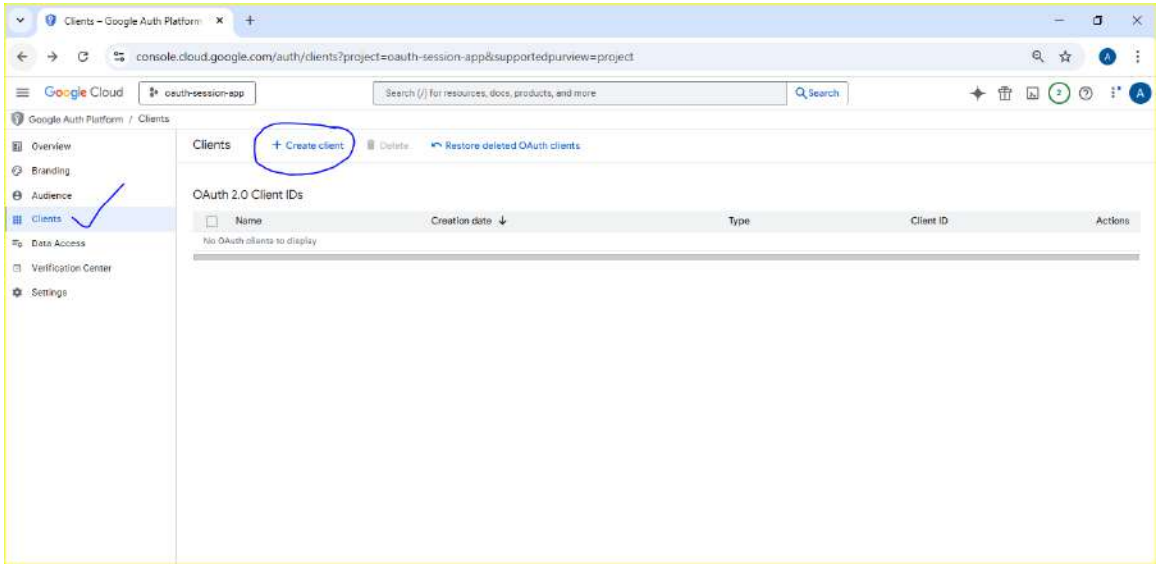
1. Go to **Audience**
    - Ensure **External**
    - Add yourself as **Test user**
2. Go to **Clients**
    - Create OAuth Client (Web)
3. Authorized JavaScript Origins

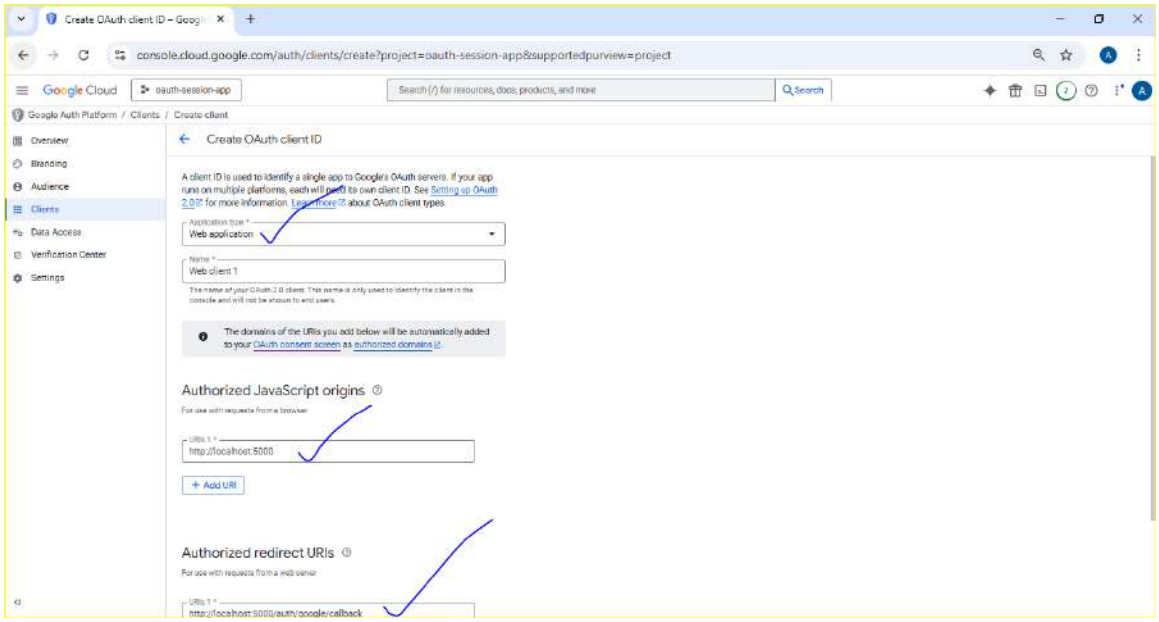
    ```
    http://localhost:5000
    ```

4. Add redirect URI:

    ```
    http://localhost:5000/auth/google/callback
    ```


Audience – Google Auth Platfo
console.cloud.google.com/auth/audience?project=oauth-session-app&supportedpurview=project
Google Cloud
oauth-session-app
Search (/) for resources, docs, products, and more
Google Auth Platform / Audience
Overview
Branding
Audience
Clients
Data Access
Verification Center
Settings
Audience
External
Make internal
OAuth user cap
While publishing status is set to "Testing", only test users are able to access the app. Allowed user cap prior to app verification is 100, and is counted over the entire lifetime of the app. Learn more
0 users (0 test, 0 other) / 100 user cap
Test users
+ Add users
Filter Enter property name or value
User information
No rows to display
Show less
OAuth configuration created!
Add users
While publishing status is set to "Testing", only test users are able to access the app. Allowed user cap prior to app verification is 100, and is counted over the entire lifetime of the app.
Learn more
Email
0 / 100
Save


Clients – Google Auth Platform
console.cloud.google.com/auth/clients?project=oauth-session-app&supportedpurview=project
Google Cloud
oauth-session-app
Search (/) for resources, docs, products, and more
Search
Google Auth Platform / Clients
Overview
Branding
Audience
Clients
Data Access
Verification Center
Settings
Clients
+ Create client
Delete
Restore deleted OAuth clients
OAuth 2.0 Client IDs
Name
Creation date
Type
Client ID
Actions
No OAuth clients to display



Step 5: Environment Variables

Add GOOGLE_CLIENT_ID and GOOGLE_CLIENT_SECRET to .env file.

Step 6: Restart Server

Restart Node.js server.

Step 7: Test OAuth

Open http://localhost:5000/auth/google in Incognito.