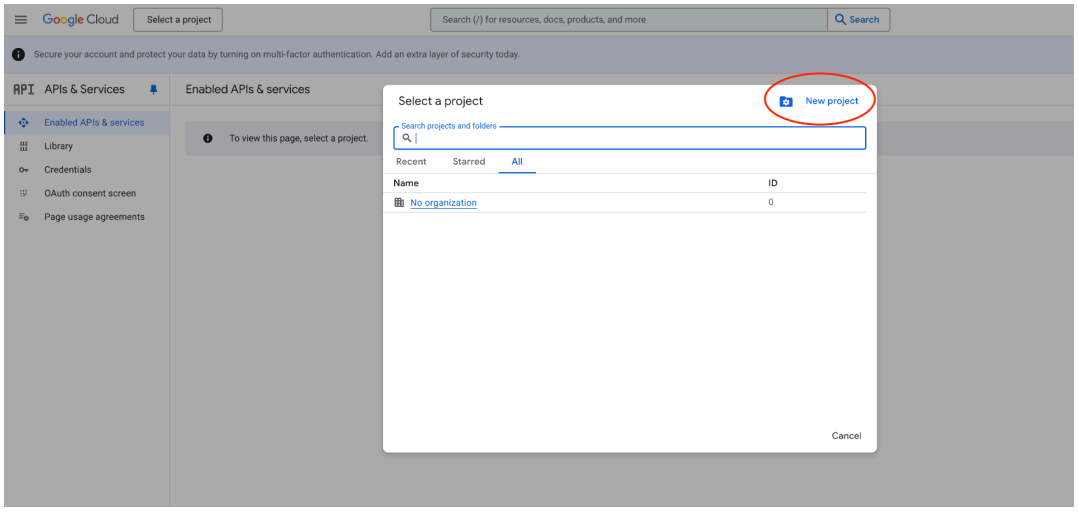
Google Calendar API Integration

Step 1: Set Up a Google Cloud Project

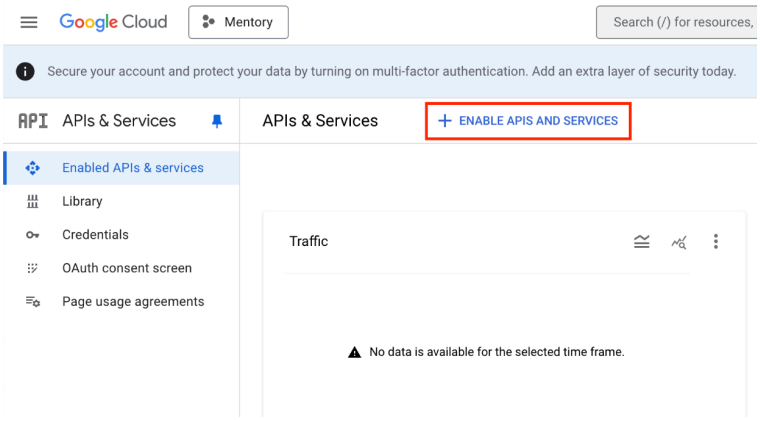
1. **Go to Google Cloud Console**: https://console.cloud.google.com/.
2. **Create a New Project**:

- Click the project dropdown at the top of the page and select **New Project**.
- Enter a project name and optional organization details.
- Click **Create**.

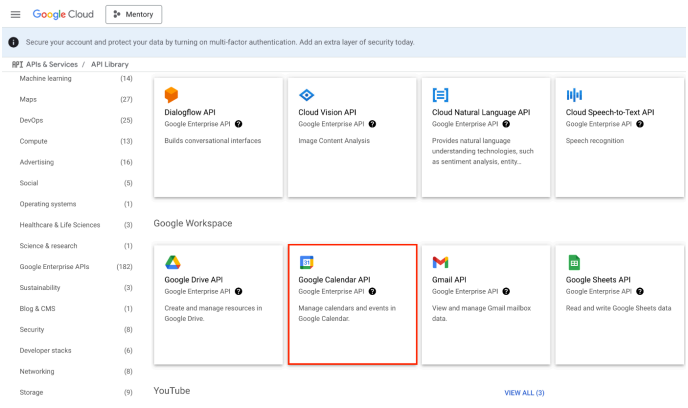


Step 2: Enable Google Calendar API

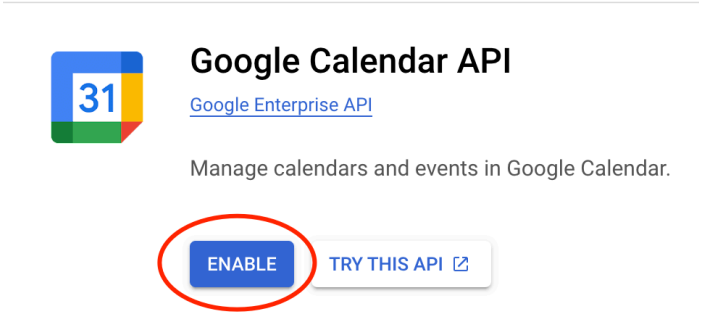
1. In the Google Cloud Console, go to the **APIs & Services** dashboard.
2. Click **+ Enable APIs and Services** at the top.



3. Search for **Google Calendar API** in the library.

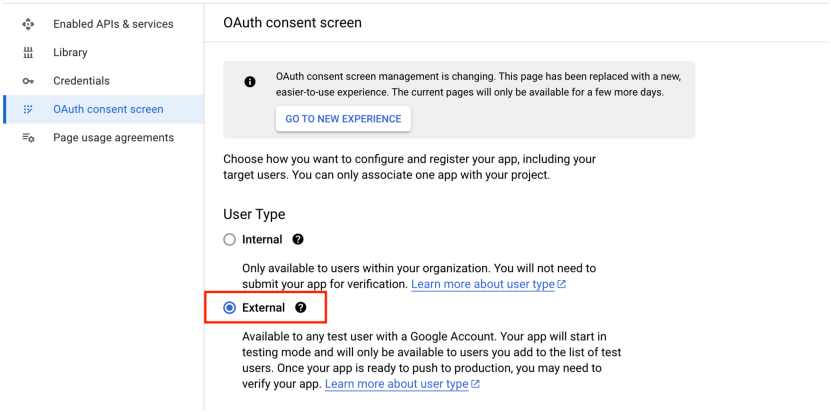


4. Select **Google Calendar API** from the results and click **Enable**.

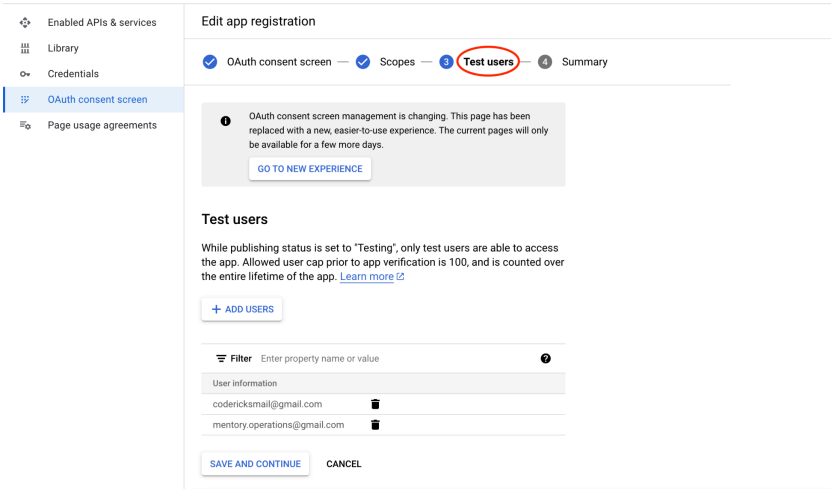


Step 3: Configure OAuth Consent Screen

1. Go to **APIs & Services > OAuth consent screen**.
2. Choose **External** (if you want it available to others) or **Internal** (for users in your organization only). Click **Create**.



3. Fill in the necessary details: **App name, User support email** & **Developer email**
4. Under **Scopes**, click **Add or Remove Scopes**, and select the required scopes (this is optional).
5. Test Users: Add some test email addresses to be used for testing the Calendar API in testing mode.

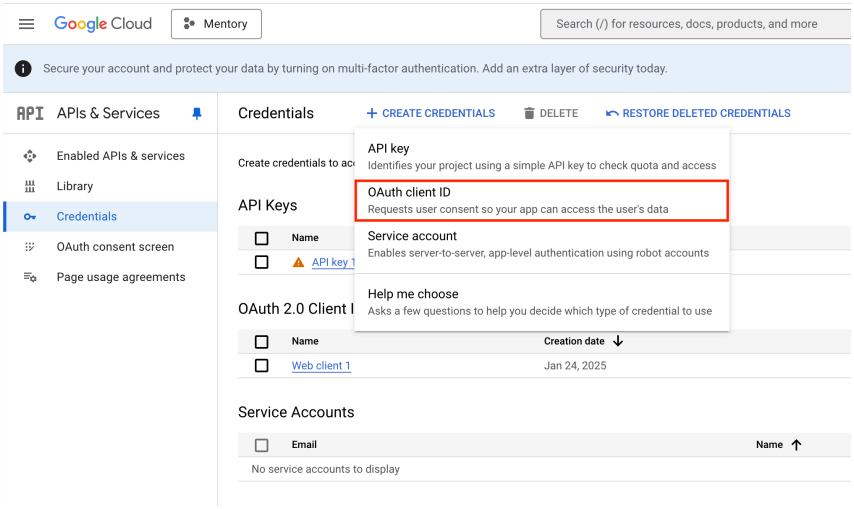


6. **Save** your changes.

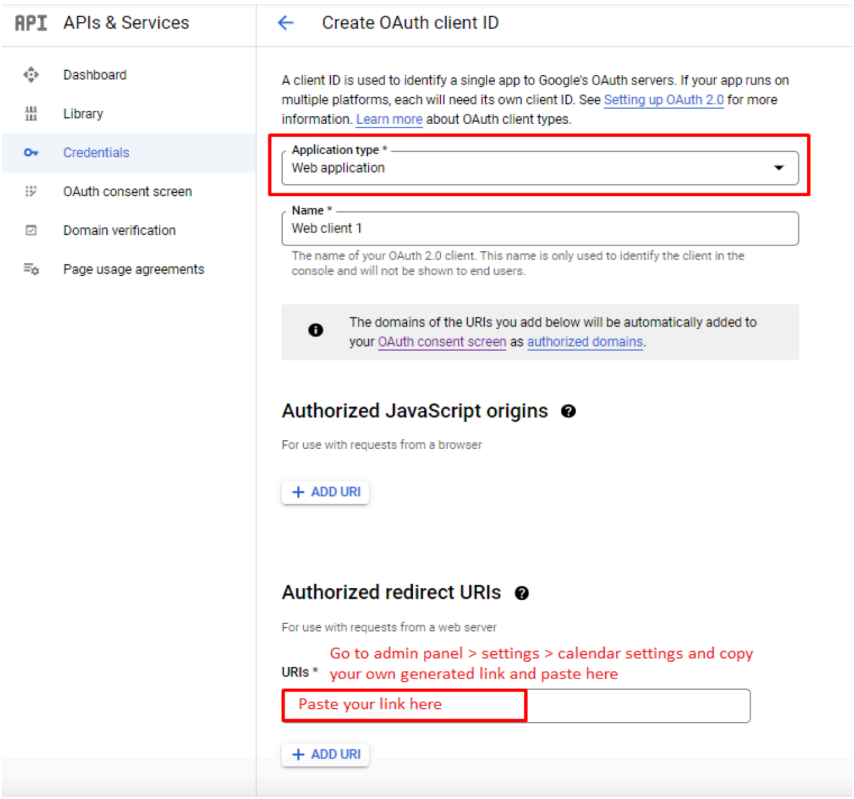
Step 4: Create Credentials

A. Go to **APIs & Services > Credentials**.

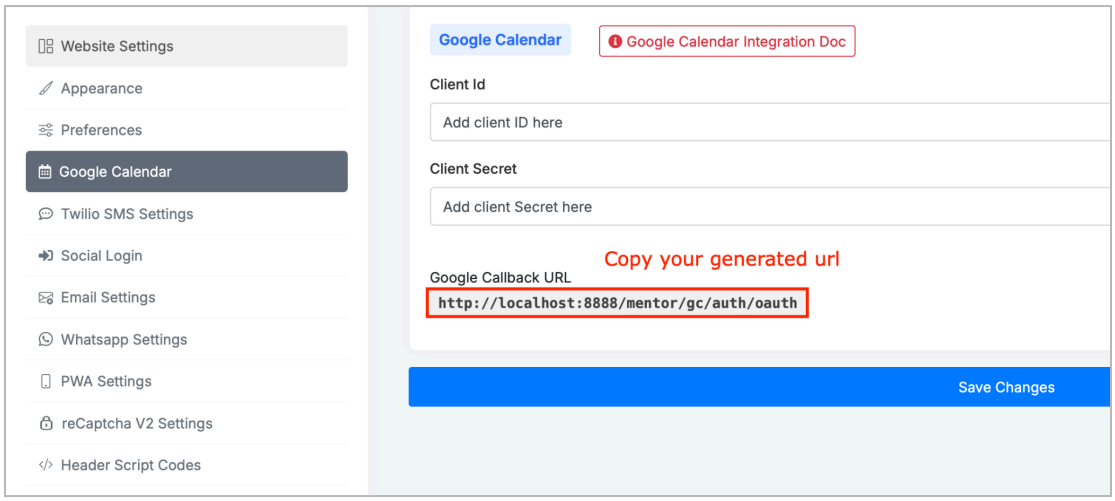
B. Click **+ Create Credentials** and choose **OAuth Client ID**



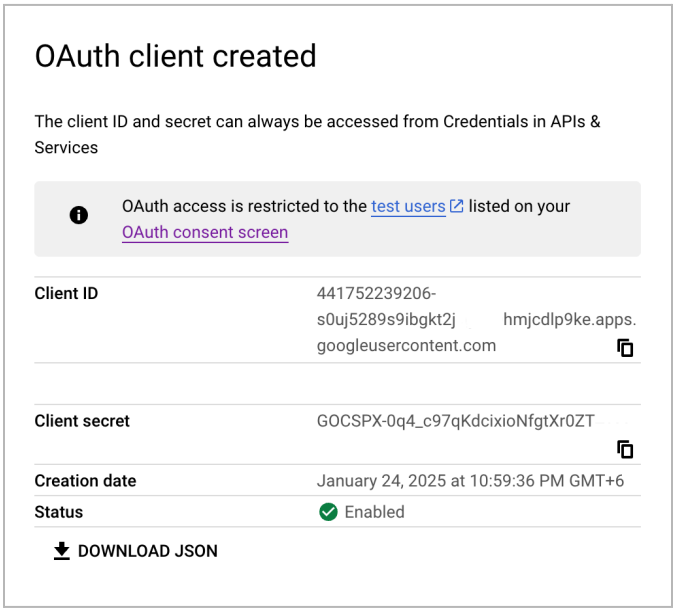
C. Choose **Web application** as the application type. Add the redirect URL generated in your Admin Panel under **Settings > Calendar Settings**, and paste it into the **Authorized Redirect URIs** field.



Here’s an example callback url from our local server (**Note:** Do not use this example callback URL; use the callback URL generated for your live site based on your domain).



D. Click **Create**, then copy and save the **Client ID** and **Client Secret** to your **admin panel > settings > google calendar settings** and save the updates.



Note: If your site is ready for production then you can publish your app for live mode.