Step by step Tutorial

**Step 1: Create a Google API Console Project**

1. Go to the Google API Console.
2. Create a new project.

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1. Go to "Credentials", then click on "Create credentials", and choose "OAuth client ID".

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1. Configure the OAuth consent screen as required.

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1. For the application type, select "Web application".

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1. Add your project's redirect URI, which will be something like <http://localhost/blogoopklas2024/admin/google_auth.php>.

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1. Note down the generated Client ID and Client Secret.

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**Step 2: Install Google Client Library**Use Composer to install the Google Client Library. If you don't have Composer set up in your project, download it and initialize it in your project directory.  
Run this command in your project root:



**Step 3: Configuration File**  
Add the Google Client ID and Client Secret to your **config.php**:

php

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**Step 4: Google Authentication Script**Create a new file named **google\_auth.php** in your admin directory. This file will handle the Google authentication flow.

1. Requirements and links to other pages

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1. Disable SSL Verification (Secure Sockets Layer) for local development.



1. Get the access token, (using the authorization code grant)

When you have a token, you can look up a users profile data

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1. For an existing user, update user details.

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1. Redirect to homepage or dashboard.

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**Step 5: Update Login Page**  
On your login page (**login.php**), add a link or button for users to log in with Google, under the database login:

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**Step 6: Update User Page**On your User class page (**User.php**), add a method to find a user by email

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