• Setting up social login options (Google, Facebook, GitHub) in Django using OAuth2.

Setting up social login options in Django using OAuth2 is a great way to enhance user experience by allowing users to log in with their existing social media accounts:

**1. Prerequisites**

* **Django Installed**: Ensure you have Django installed in your project.
* **Social Auth Libraries**: Install the necessary libraries for social authentication.

**2. Install Required Libraries**

Install social-auth-app-django to handle social authentication:

pip install social-auth-app-django

**3. Configure Settings**

In your settings.py file, add the necessary configurations:

* python

# settings.py

INSTALLED\_APPS = [

...

'social\_django',

...

]

AUTHENTICATION\_BACKENDS = [

'social\_core.backends.open\_id.OpenIdAuth',

'social\_core.backends.google.GoogleOAuth2',

'social\_core.backends.facebook.FacebookOAuth2',

'django.contrib.auth.backends.ModelBackend',

]

SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_KEY = 'YOUR\_GOOGLE\_CLIENT\_ID'

SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_SECRET = 'YOUR\_GOOGLE\_CLIENT