

Challenge Question: OAuth

How would you go about integrating Google and LinkedIn user login into your application?
Conduct your own research to answer the following questions:

- **Question #1:** How / Where would you go to declare your app with Google and LinkedIn?
 - <https://console.cloud.google.com/apis/dashboard?project=secret-283201>
 - <https://www.linkedin.com/developers/apps?src=re-other&veh=docs.microsoft.com%7Cdirect%2Fnone>
- **Question #2:** How would you set up your Express server back end to connect with Google and LinkedIn OAuth providers?
 - Follow the instructions in the Passport strategies “passport-google-oauth20” and “passport-linkedin-oauth2”
- **Question #3:** How would you set up your web application front end to enable your user to authenticate via Google and LinkedIn?
 - Follow examples in OAuth to perform the following.
 - Request authorization from the user. This is accomplished by creating an authorization request link for the user to click on.
 - Server will redirect back to the website, with an authorization code
 - The app then needs to exchange this authorization code for an access token. To exchange the authorization code for an access token, the app makes a POST request to the service’s token endpoint.