**To register a Google App perform the following steps**

* Go to [https://console.developers.google.com](https://console.developers.google.com/) and login with your Google account (this will be the developer account and the email of this account will be published when someone tries to authenticate with the Google application)
* If you don't have a project create a new one and then click into the project.
* In the menu on the left side select "APIs & auth" --> "Credentials" --> "Create a new client ID"
* In the popup select the following
  + Application Type = Web Application
  + Authorized Javascript Origins = \*\*blank\*\*
  + Authorized Redirect URI = #, the URI for our application is /googleLogin so for local testing you should enter http://localhost:8080/googleLogin .Copy the client ID and client Secret and update the application.properties
  + Make sure you update the mandatory values on the "APIs & auth" --> "Consent screen" page as the application will not work without it.

When you have a the Google App configured and the Spring boot application and you navigate to http://localhost:8080. It will redirect you to a Google login page. Upong login it will ask you to authorize your application for access to your account to get email and profile data. On successful login it will render the basic HTML page which means the authentication was sucessful. If you are interested in fetching the Google profile data in type in the following URL http://localhost:8080/find?term=hello in the authenticated browser session and the profile data will be logged in the console of the Spring application.