README

Simulating OAuth 2.0 framework with uploading a file to the GOOGLE DRIVE

This web application simply simulates the oAuth 2.0 framework and that consumes the service of an oAuth authorization and oAuth resources server.

1. Download this entire project and extract in to "\xampp\htdocs\"
   (https://github.com/prabathnoushan/IE5042/blob/master/MS19802190_Projet_oAuth.zip)

2. Enable the Google drive API and download the configuration file [credentials.json file]
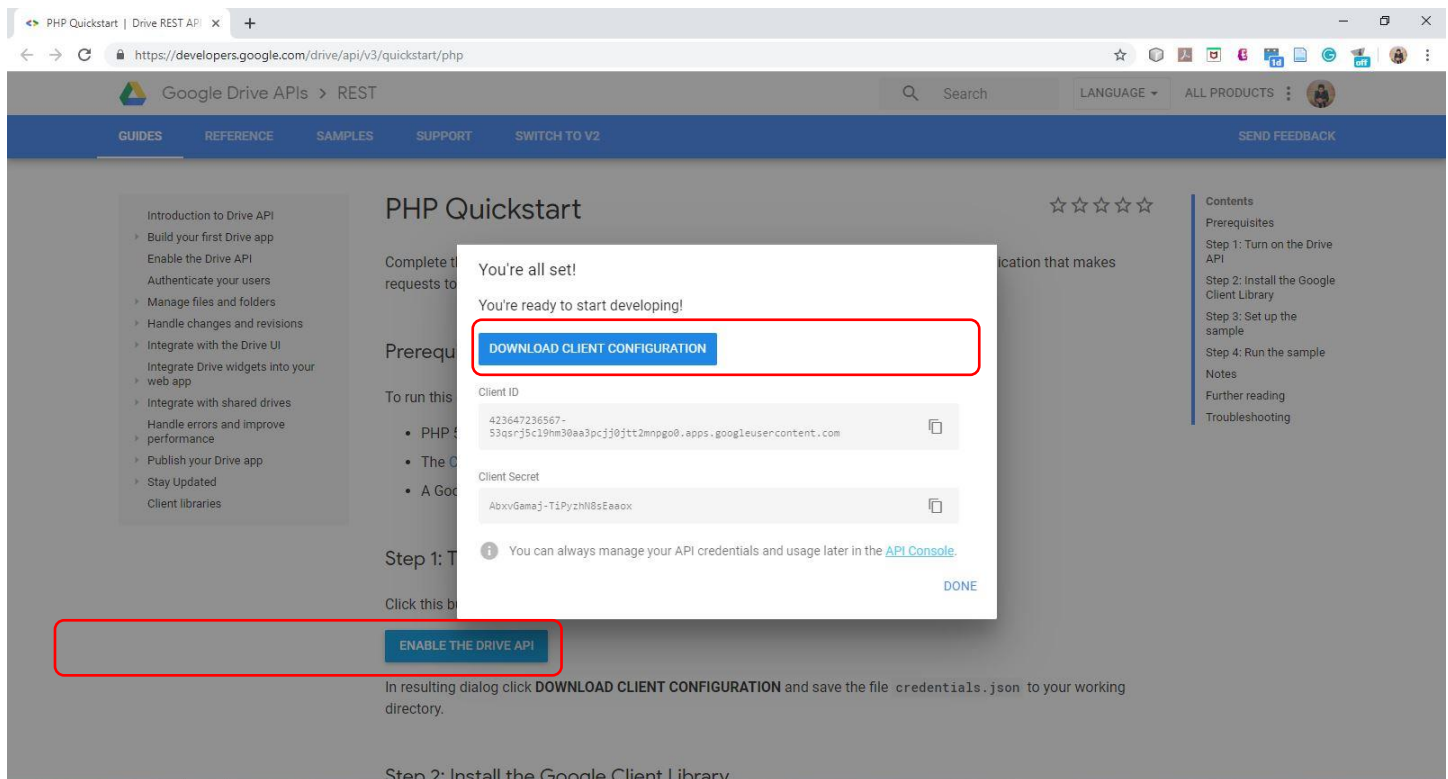   https://developers.google.com/drive/api/v3/quickstart/php

Figure 1

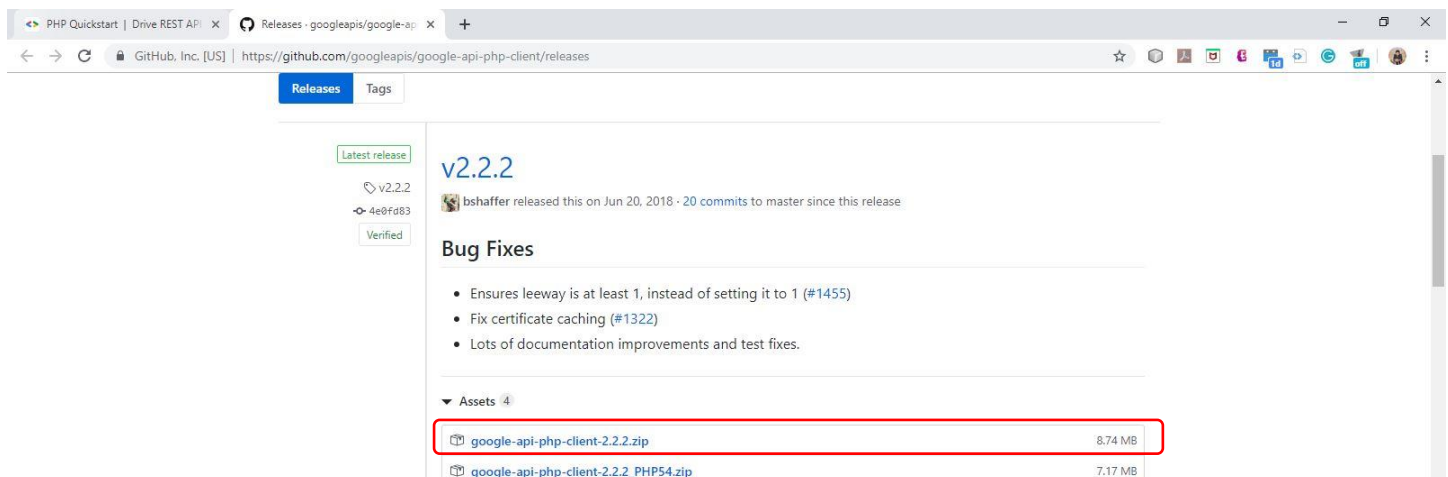3. Download Google API PHP client (https://github.com/googleapis/google-api-php-client/releases

Figure 2

4. Extract the downloaded .Zip file into root directory and copy the configuration (credentials.json file) file to the same directory.
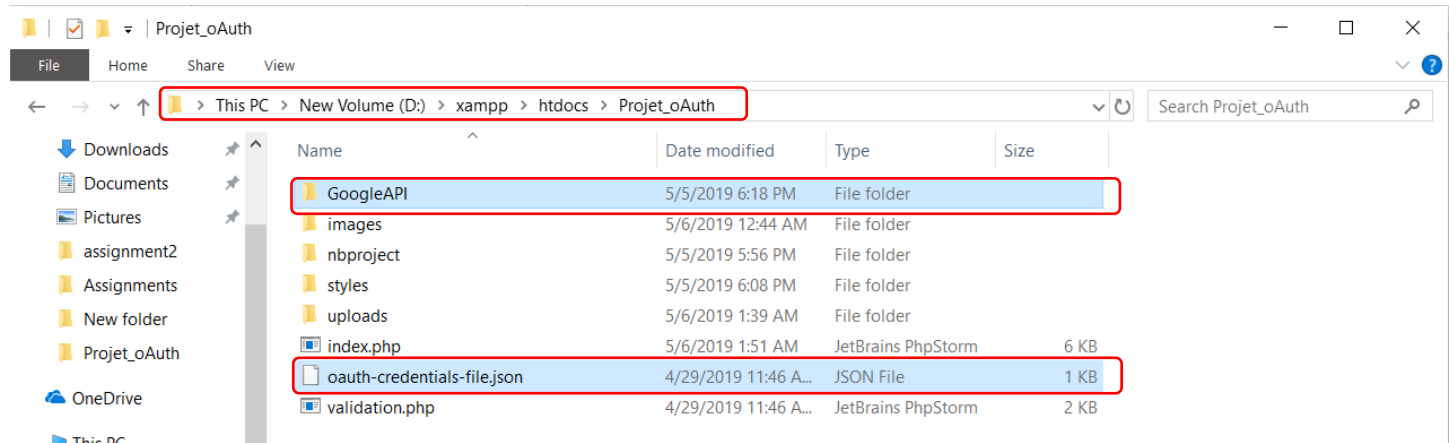

Figure 3

5. Rename the "*credentials.json*" file as "*oauth-credentials-file.json*"

6. Now the web application is ready to run and run the web app with Apache server

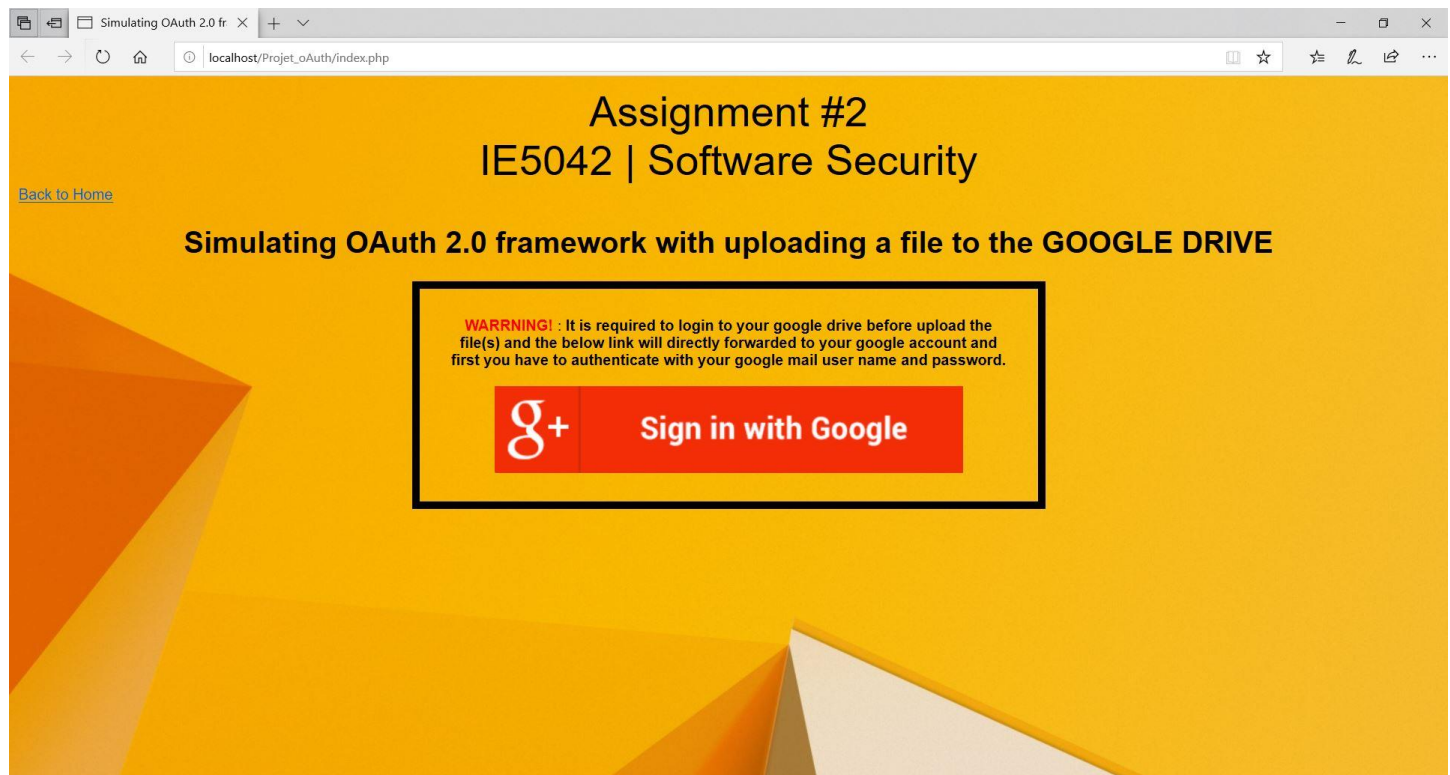   http://localhost/Projet_oAuth/index.php

Figure 4

7. Click the sign in with Google button and proceed.

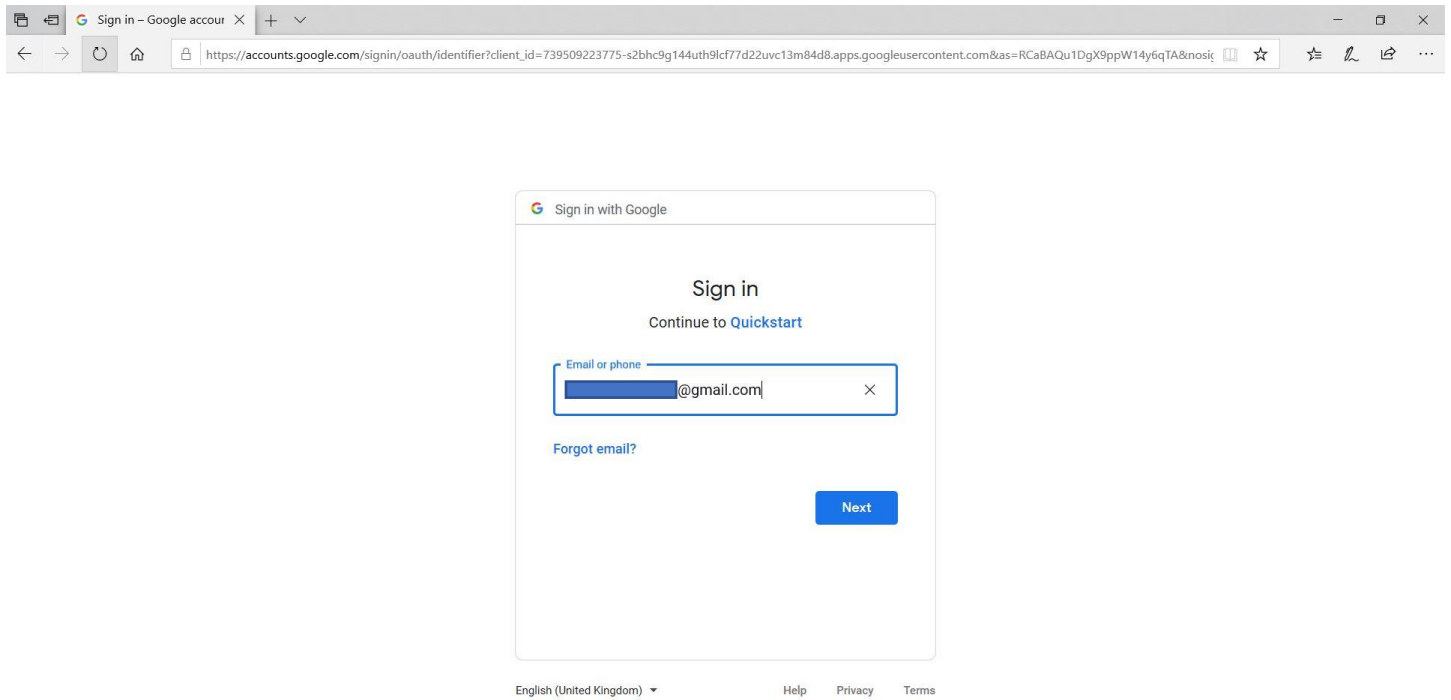8. It will ask the permissions for Google Drive API for file management and proceed with the permissions.
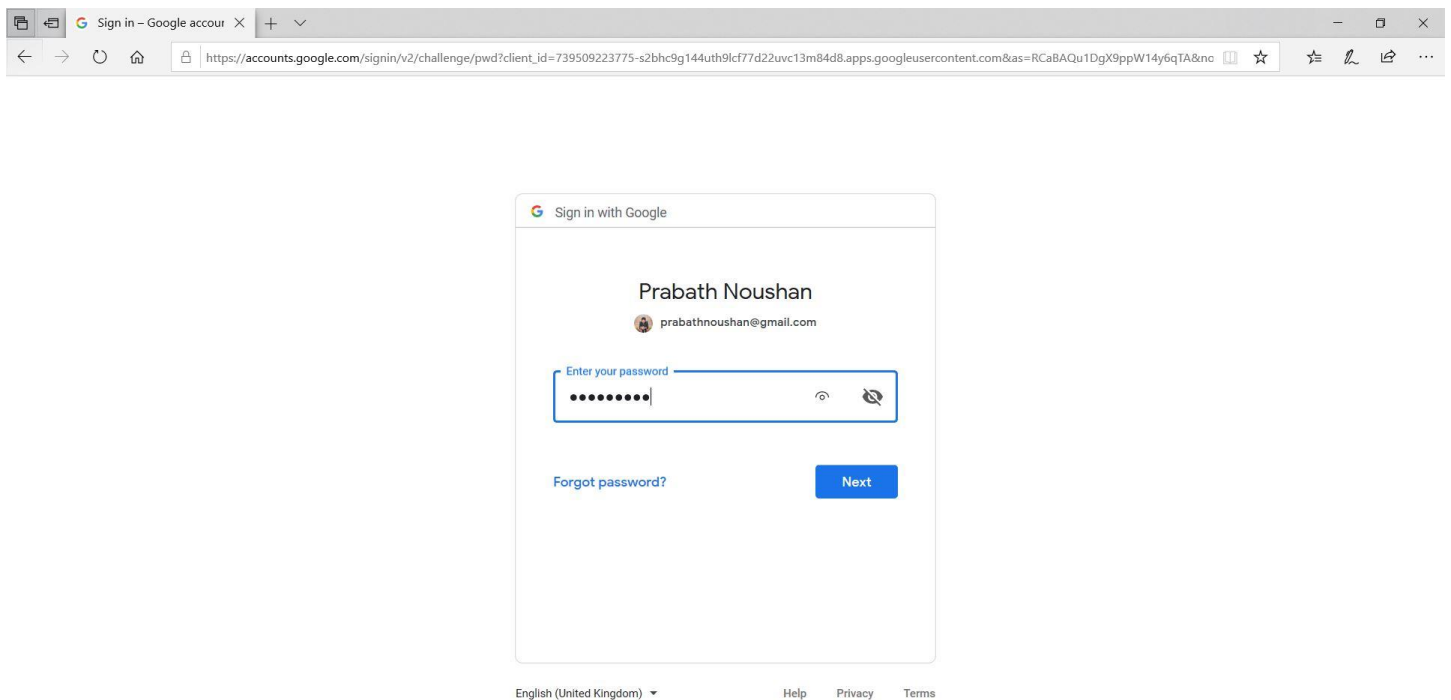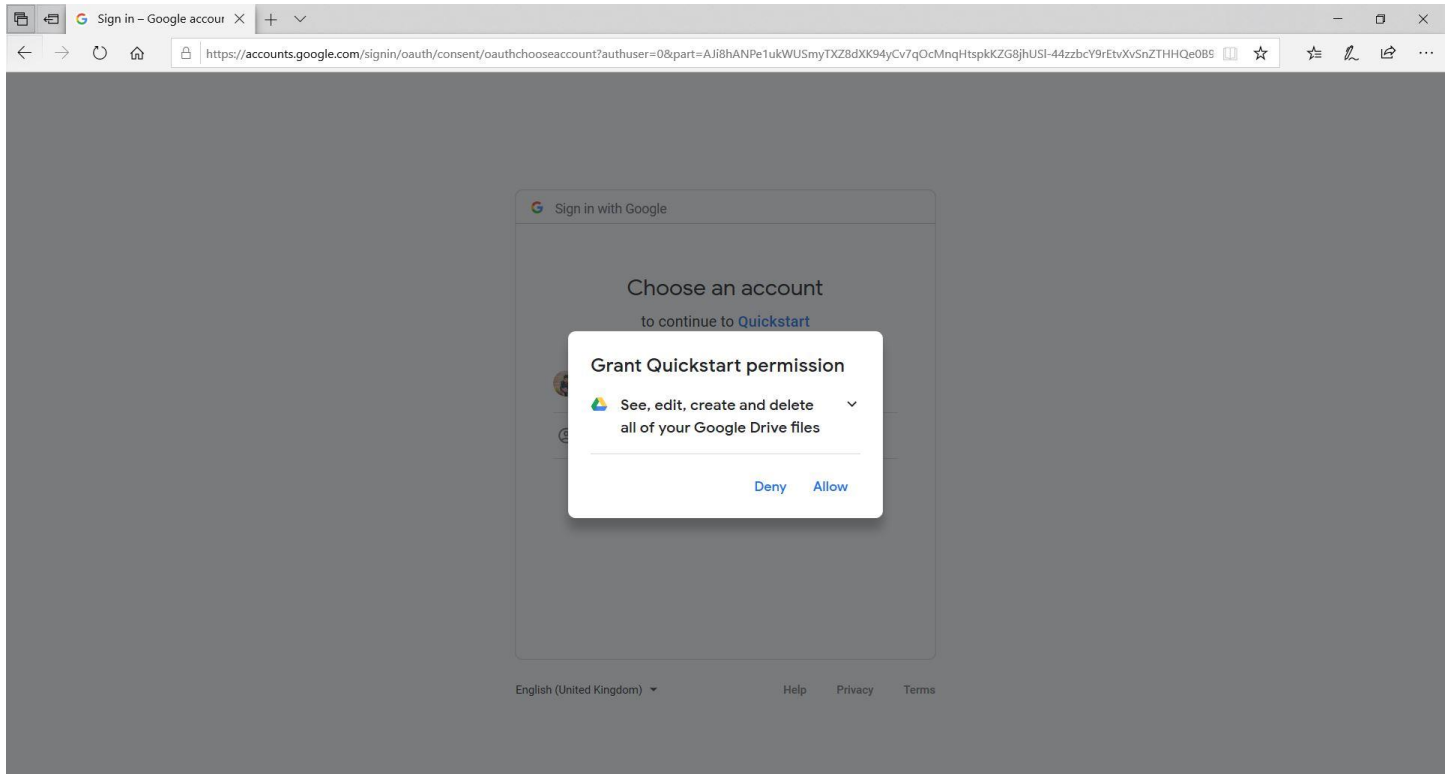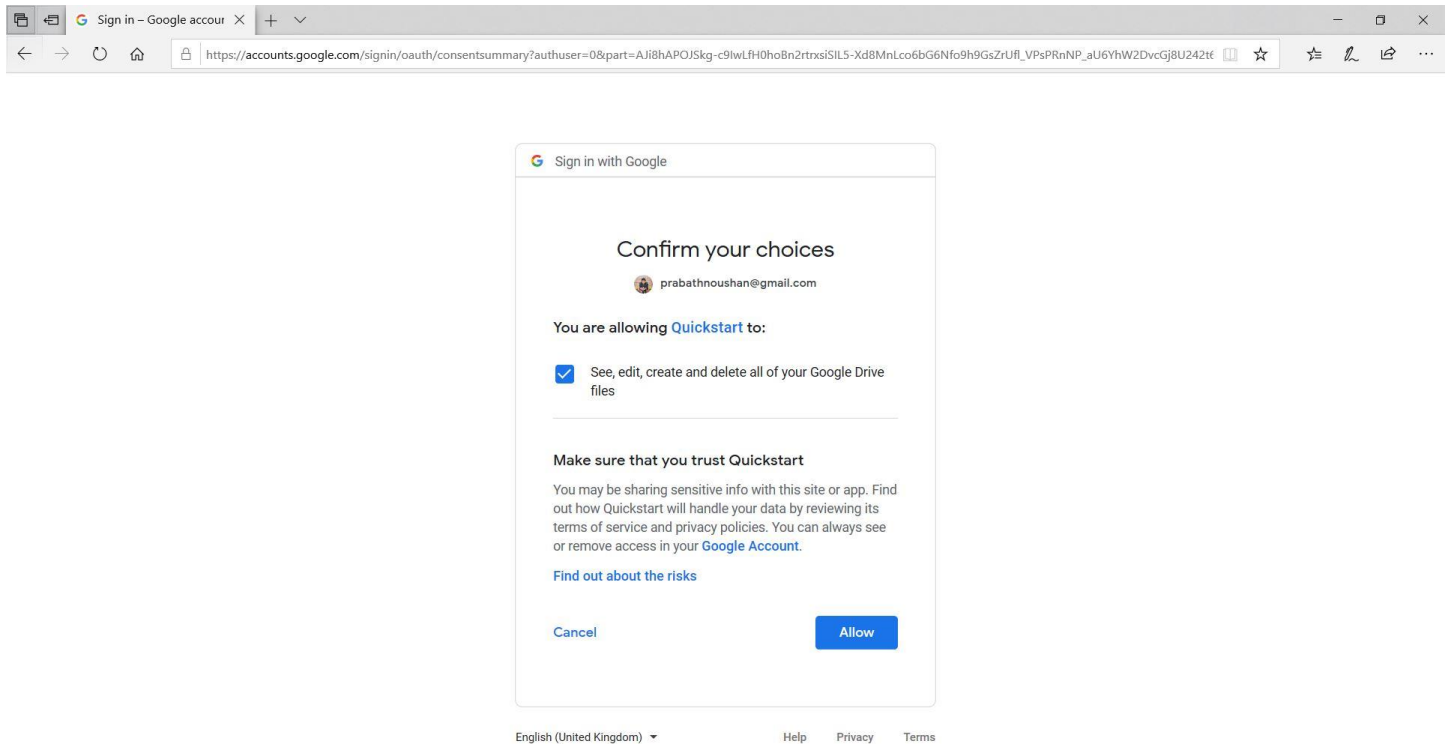
Figure 5

Figure 6

Figure 7

Figure 8

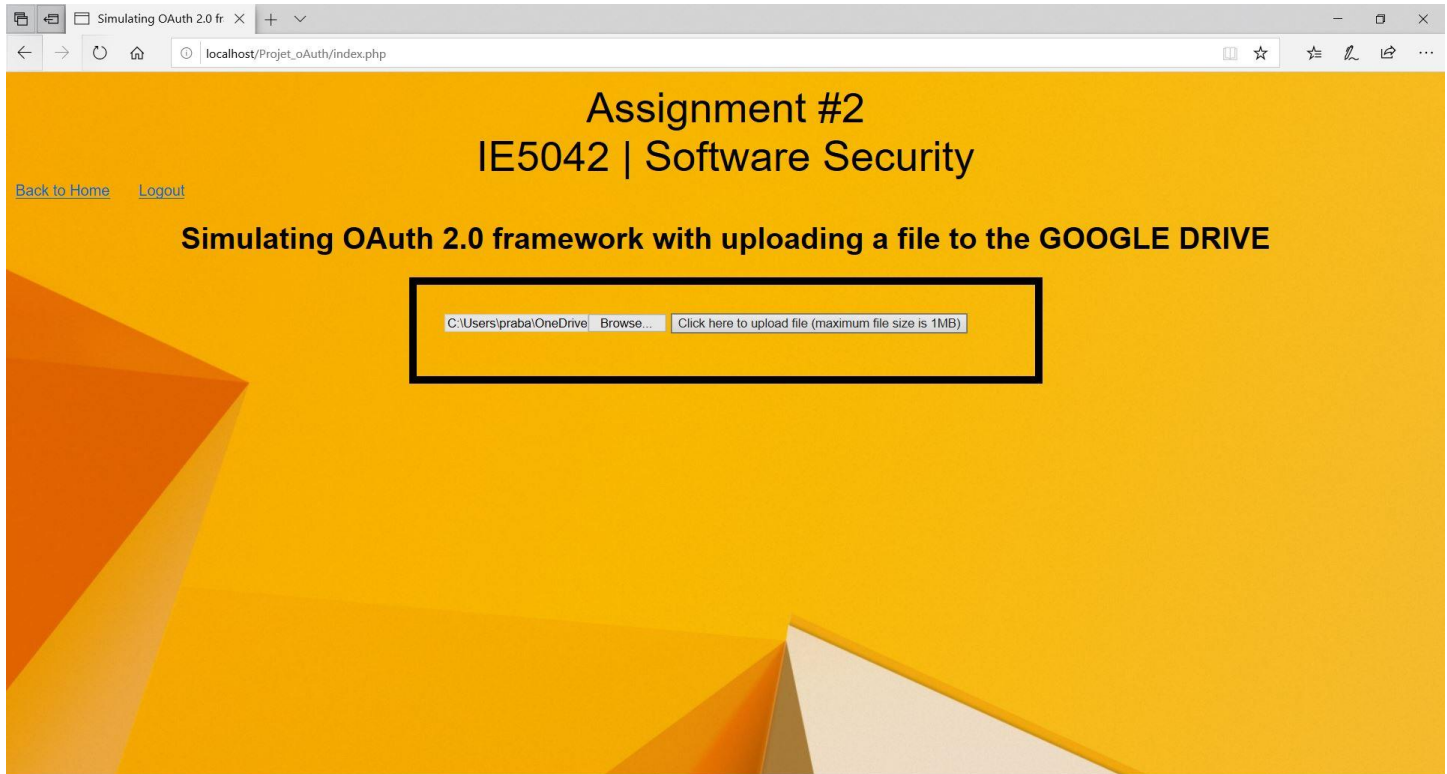9. Then it will redirect to the file upload location and upload the file.

Figure 9

10. Once the upload has been successful, it will let you know that the file has been uploaded and it will give the direct URL to google drive to check your file.
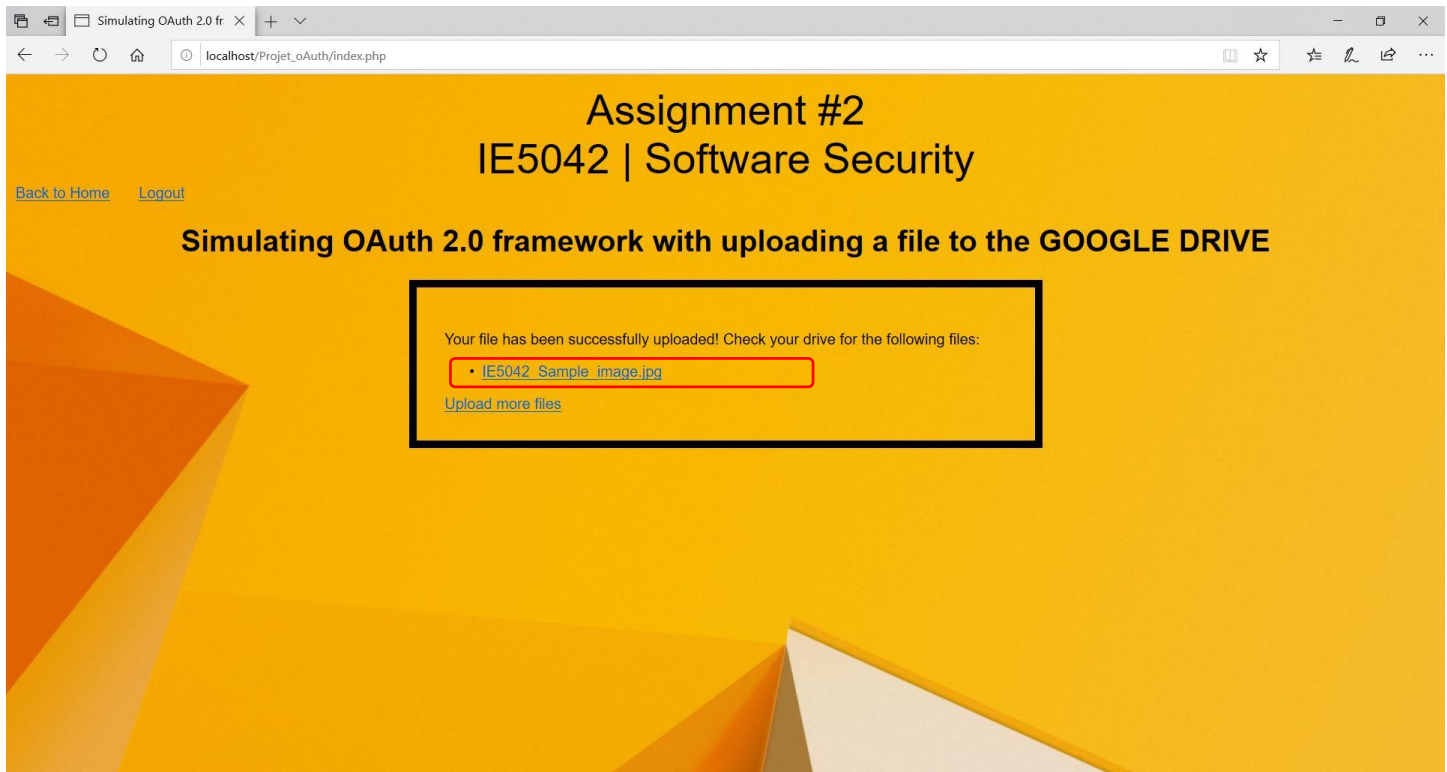

Figure 10

11. The uploaded file name is the direct link to the google drive and you can check it by clicking on the hyperlink.
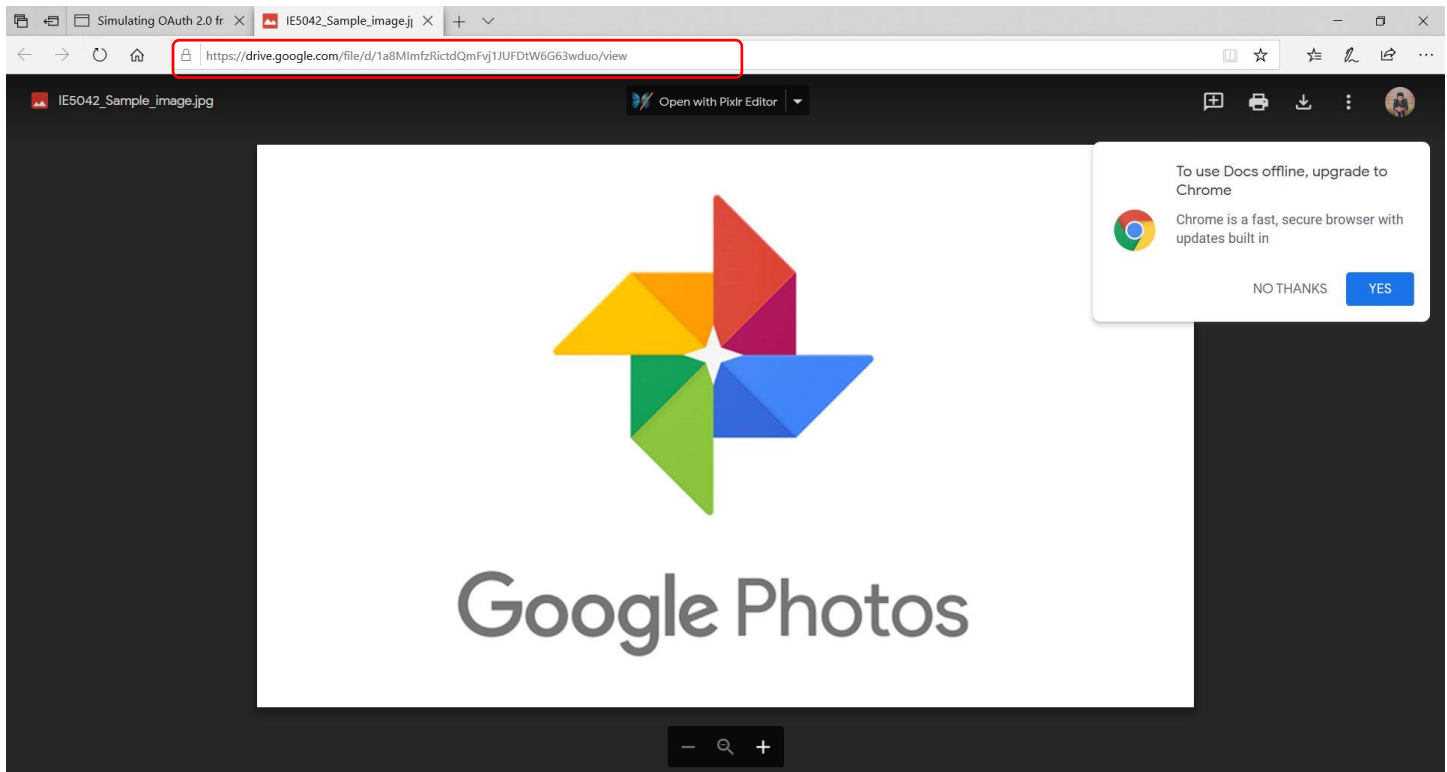

Figure 11

For more details;

https://prabathnoushan.wixsite.com/ie5042/post/oauth-2-0-for-real-life

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