

## **OAuth**

1. Using the given links and the lecture video demonstration, register a client app in the Facebook (meta) developer studio.
2. Access your profile details and some profile-specific data (user posts, images, friend list, etc) through an access token obtained using the **authorization code grant type**.

**Note:** If you don't already have a Facebook profile, create a dummy profile and do the same.

### **Submission:**

For each of the steps used in the **Authorization code grant type**, copy and paste the requests that you used and the responses that you got in a document (Word or OpenOffice), and add the output screenshots to the document. Save the document as a PDF. Upload the PDF and the SSL log as a single zip file to the courseweb link. The file name should be your registration number.

### **Video Link**

### **Reference Links:**

<https://tools.ietf.org/html/rfc6749#section-1.3.1>

<http://www.securityinternal.com/2017/04/retrieving-user-resources-from-facebook.html>

<https://addons.mozilla.org/en-US/firefox/addon/restclient/>

<https://www.urlencoder.org/>

<https://www.base64encode.org/>

<https://www.f5.com/labs/articles/education/what-are-security-controls>

<https://www.microsoftpressstore.com/articles/article.aspx?p=2201319>

<https://whatis.techtarget.com/definition/compensating-control>

<https://developers.facebook.com/docs/graph-api/reference>

<https://graph.facebook.com/me?fields=email>