Canvas API Research

For Testing purpuses user can create his own access token on user's profile page.

<https://canvas.instructure.com/doc/api/file.oauth.html#developer-key-setup:~:text=For%20testing%20your,to%20obtain%20tokens>.

Normaly process needs LTI Advantage services with LTI developer key.

https://canvas.instructure.com/doc/api/file.oauth.html#accessing-lti-advantage-services

<https://canvas.instructure.com/doc/api/file.oauth.html#developer-key-setup>

<https://canvas.instructure.com/doc/api/file.oauth_endpoints.html#post-login-oauth2-token>

<https://community.canvaslms.com/t5/Canvas-Developers-Group/Canvas-APIs-Getting-started-the-practical-ins-and-outs-gotchas/ba-p/263685>

<https://jwt.io/>

<https://community.canvaslms.com/t5/Admin-Guide/How-do-I-configure-an-LTI-key-for-an-account/ta-p/140>

Useful api calls:

<https://canvas.instructure.com/doc/api/all_resources.html#method.assignments_api.index>

(note course id is not course code nor course name)

<https://canvas.instructure.com/doc/api/all_resources.html#method.assignments_api.user_index>

how to get user id??

How to get user id:

<https://fhict.instructure.com/api/v1/users/self>

Student grades:

<https://community.canvaslms.com/t5/Canvas-Developers-Group/Reproduce-Student-View-of-Grades-via-API/td-p/81663>

Functions form the previous Gateway