**Project Lyceum**

**Objective:**

To provide a multi-user academic forum platform for secondary school students.

**Major Features:**

1. System login for post writing
2. Post with multimedia elements
3. 2-level-post architecture
4. Search post by tags
5. …

**Framework Overview:**

The project is completely separated into two parts, the front and backend, supported by React and Django respectively. Two machines will run concurrently, React will call APIs powered by Django for services.

**Set up for local environment:**

For React:

1. Git clone to webstorm/vs code
2. Install npm
3. Move to current folder, run npm start

For Django:

1. Git clone to pycharm
2. Create virtual environment([tutorial](https://www.jetbrains.com/help/pycharm/creating-virtual-environment.html#python_create_virtual_env))
3. Install required packages:

run pip install -r requirements.txt

1. To start server, run python manage.py runserver

Webpage flowchart design:

Diagram

Description automatically generated