Twin4Build API Usage

* Installing the required module using: pip install -r requirements.txt
* Adjust conf.ini as parameters as per you system variables.
* To run the API, use the simulation\_api.py file.
* To query this API run request\_to\_api.py file.

Data fetching Method 1:

* Getting the access token and refresh token use keycloak\_token.py
* Ql\_data\_fetch.py is used to fetch the data from QL API using the access token from the keycloak

Data fetching Method 2:

* Db\_data\_handler.py is used to store and retrieve data from the PostgreSQL database
* All the variables are defined in the config.ini file, we’re retrieving the data using Config.py file in config folder
* Input\_data.py is used to format the input and output data as required
* Run the request\_\_to\_api.py file using python which will retrieve the information from the config.ini file use input\_data.py to format the data as required pass the data as POST request to the simulation\_api, FastAPI server running on port: 8005
* The response is formatted and is stored to the database using db\_data\_handler.py