Twin4Build API Usage

1. Installing the required module using: pip install -r requirements.txt
2. To run the API, use the simulation\_api.py file to run the API on the FastAPI server

Data fetching Method 1:

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

Data fetching Method 2:

1. Db\_data\_handler.py is used to store and retrieve data from the PostgreSQL database
2. All the variables are defined in the config.ini file, we’re retrieving the data using Config.py file in config folder
3. Input\_data.py is used to format the input and output data as required
4. 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
5. The response is formatted and is stored to the database using db\_data\_handler.py