REQUIREMENTS:

Django 5.1.5

MySQL 8.0.41 or newer

Python 3.12.3 or newer

To run "inventory_track" django server:

1. Have MySQL server installed and running (port 3306)

Database settings can be found at ../inventory_track/inventory_track/settings.py

DATABASES = {

  'default': {

    'ENGINE': 'django.db.backends.mysql',

    'NAME': 'inventory_db',

        'USER': 'user1',

        'PASSWORD': 'password1',

        'HOST': 'localhost',

        'PORT': '3306',

  }

}

2. Create a local database named *'inventory_db'* from MySQL command line:

CREATE DATABASE inventory_db CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci;

CREATE USER 'user1'@'localhost' IDENTIFIED BY 'password1';

GRANT ALL PRIVILEGES ON inventory_db.* TO 'user1'@'localhost';

FLUSH PRIVILEGES;

EXIT;

3. Start the Django development server:

- Clone/download the **inventory_track** folder from github (../src/inventory_track/)

- Make sure you have Django installed and activated (virtual environment), for those on windows (https://medium.com/powered-by-django/how-to-install-launch-django-windows-bad876b9422)

- Make sure any changes to database are updated, from command line:

'cd inventory_track' (make sure you are in the ../inventory_track/ folder containing manage.py)

'python manage.py makemigrations'

'python manage.py migrate'

- Now run the server, from command line:

'python manage.py runserver'

- Server should now be running and app accessible at

http://localhost:8000/userauth/login/

http://localhost:8000/userauth/register/