Instructions

- open the project

- cd project

- Activate the virtual environment -- ". .\venv\Scripts\activate "

- Install the required dependencies -- "pip install -r requirements.txt"

Django ########### (Optional)

- django-admin startproject <project-name> -- creating a project

- python manage.py startapp <app-name>

- Creating super user — python manage.py createsuperuser

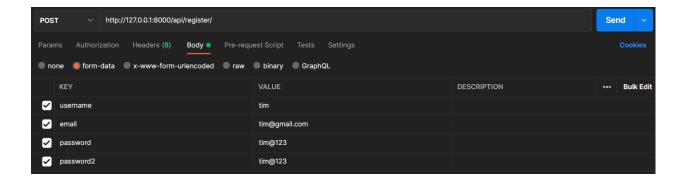##

- Run the below commands to setup database

- python .\manage.py makemigrations

- python .\manage.py migrate

- Run the server -- "python .\manage.py runserver"   ## http://127.0.0.1:8000/

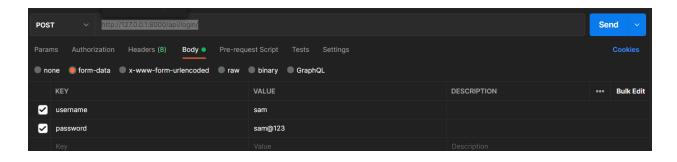########### Api endpoints #############

Authentication - use POSTMAN for testing

- http://127.0.0.1:8000/ -- Home Page

- http://127.0.0.1:8000/api/register/ -- Register the user
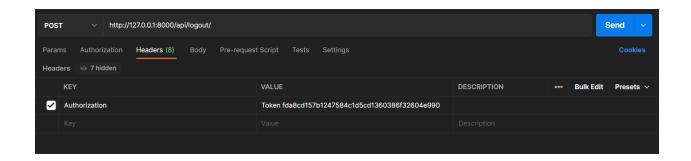
- http://127.0.0.1:8000/api/login/ — Login the user

Note down the token u will get which will be used for logging out the user

- http://127.0.0.1:8000/api/logout/ — Logout the user

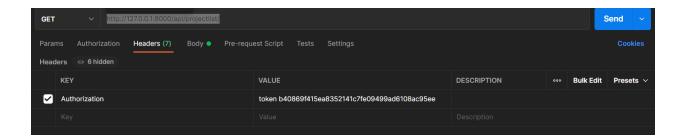# Accessing the Project list and tasks

- Initially it will ask you for the credentials as basic authentication is setup

- http://127.0.0.1:8000/api/projectlist/ — get details of all projects

- you can use postman or django rest framework web api

- For Postman

- For DRF webapi, directly provide the login credentials

- http://127.0.0.1:8000/api/projectlist/<int:pk> — single project detail

- http://127.0.0.1:8000/api/projectlist/<int:pk>/task-create — create a task

- http://127.0.0.1:8000/api/tasklist — get all tasks list

- http://127.0.0.1:8000/api/projectlist/<int:pk>/tasks — get project specific tasks

Wherever required included all the CRUD operations