

Instructions

- open the project
- cd project
- Activate the virtual environment -- ". .\env\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 .\umanage.py makemigrations
- python .\umanage.py migrate
- Run the server -- "python .\umanage.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

POST ▼ http://127.0.0.1:8000/api/register/ Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	tim			
<input checked="" type="checkbox"/>	email	tim@gmail.com			
<input checked="" type="checkbox"/>	password	tim@123			
<input checked="" type="checkbox"/>	password2	tim@123			

- <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

POST ▼ http://127.0.0.1:8000/api/login/ Send ▼

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	username	sam			
<input checked="" type="checkbox"/>	password	sam@123			
	Key	Value	Description		

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

POST ▼ http://127.0.0.1:8000/api/logout/ Send ▼

Params Authorization **Headers (8)** Body Pre-request Script Tests Settings Cookies

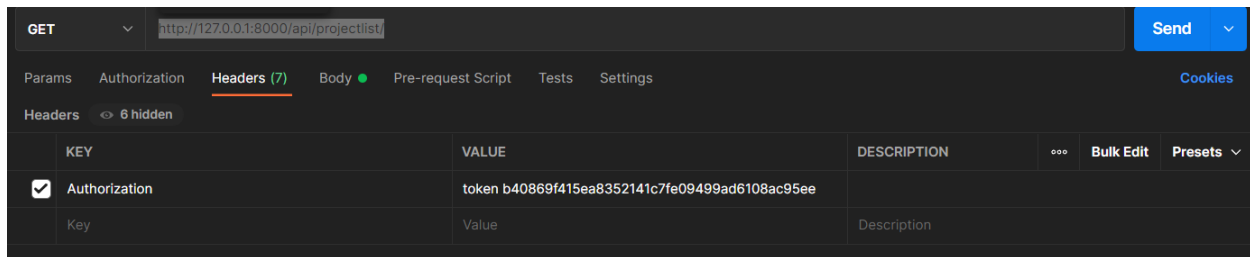
Headers 7 hidden

	KEY	VALUE	DESCRIPTION	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	Token fda8cd157b1247584c1d5cd1360386f32604e990				
	Key	Value	Description			

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