## **Django Withing’s API integration with default admin Dashboard**

Link for the public API:   
<https://developer.withings.com/developer-guide/v3/integration-guide/public-health-data-api/public-health-data-api-overview>  
  
**Pyp link:** <https://pypi.org/project/withings-api/>

Basic Home page and default admin dashboard  
  
Basic get and post methods functions , you can add simple buttons on home page to call those get methods to call the APIs

## Django Project Setup:

Django should be installed in the project.

Django project structure should be set up.

## Withing’s API Credentials:

Obtain Withing’s API credentials (client ID, client secret, etc.) by creating a developer account on the Withing’s Developer portal.

## Django Application Creation:

Create a Django app within the project to handle Withing’s API integration.

## Django Settings Configuration:

Configure Django settings to include Withing’s API credentials.

Set up any additional settings required for the project.

## Install Necessary Python Packages:

Install Python packages required for handling OAuth2 authentication and making HTTP requests to the Withing’s API.

Example packages: requests, requests\_oauthlib, etc.

## OAuth2 Authentication with Withing’s:

Implement OAuth2 authentication to obtain access tokens from Withing’s.

Manage token storage and refreshing.

## Define Django Models:

Create Django models to store Withing’s API data in the database.

Models should reflect the structure of the data retrieved from Withing’s API.

## API Data Retrieval and Storage:

Write functions or methods to fetch data from the Withing’s API endpoints.

Store the retrieved data in the corresponding Django models.