**For Windows**

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**Versions**:

Python Version - 2.7.18

pip version - 20.3.4

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**Initial Installation and Code Setup**

1. Download and Install Visual Studio Code or any code editor: <https://code.visualstudio.com/download>
2. Clone the code from git repo to your local machine:
3. Method 1: download the code from repo and open the folder which consists of evd and peak library folder in VS code editor.

Got to repo: <https://github.com/Sowmya-Raghuram/base-code.git>

Select Code and download the zip file. Unzip the folder.

Open VS code editor and select the folder which is locally saved.

1. Method 2: Clone the git repo directly to VS code editor.

Open VS code editor window, select the source control from the left hand side corner.

Select “Clone Repository” and provide the below mentioned git repo url.

Git repo: <https://github.com/Sowmya-Raghuram/base-code.git>

1. Download and install python

<https://www.python.org/downloads/release/python-2717/>

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**Creating and Setting up of Virtual environment**

1. Create virtual environment to install all the necessary applications and dependent

Open the terminal in the VS code editor.

Setup the virtual env –

commands – a) pip install virtualenv

1. virtualenv env --python=python2.7
2. cd env
3. \Scripts\activate

The environment is now activated.

1. cd .. (navigate to previous folder)

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**Install pip and Django**

Check pip version: python -m pip –version

If the pip version is not 20.3.4 then upgrade the version to 20.3.4

1. Install Django

Commands: a) pip install django==1.4

b) pip install django-mailer==0.1.0

c) pip install south

6) Setup PEAK rules – required for some of the generic functions used in python.

Commands: a) cd PEAK-Rules-0.5a1.dev-r2686

b) python setup.py install

c) cd.. (navigate back to previous folder)

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**Install Remaining Packages**

Commands: (If any time while installing the below mentioned packages, you setup tool issue, then execute this command : ‘pip install --upgrade 'setuptools<45.0.0 ‘ else ignore.

1. pip install turbogears
2. pip install xlwt
3. pip install registration
4. pip install notification
5. pip install django-notification==0.2
6. pip install django-social-auth==0.7.28
7. pip install Pillow
8. pip install reportlab
9. pip install xhtml2pdf == 0.2.4
10. pip install html5lib==1.0b8
11. pip install xlwt
12. pip install pisa
13. pip install django-registration==0.8
14. pip install xlrd
15. pip install python-social-auth==0.2.14
16. pip install pydrive (If version error, then install rsa==4.0)
17. pip install feedparser
18. pip install chronograph
19. pip install simplejson
20. pip install python-dateutil
21. pip install reportlab
22. pip install pypdf2
23. pip install google-auth-oauthlib
24. pip install boto3~=1.16.57
25. pip install python-dotenv
26. pip install django-cors-headers==0.11
27. pip install pyfcm
28. pip install openpyxl
29. pip install redis

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**Database Setup**

a) Download mysql package and install

[MySQL :: Download MySQL Installer](https://dev.mysql.com/downloads/windows/installer/8.0.html)

b) start mysql server and connect to localhost instance

Mysql@localhost:3306

c) Once connected, within the Administration tab select “Data Import/Restore” .

Select Import from the self contained file and provide the path for the .sql file.

Within the default target schema, create a new schema and select the new schema as the target db.

Select ‘Start Import’

.sql file is now imported to new db with all the tables and data.

**.sql path file:** <https://drive.google.com/file/d/1uHCwJ_XfxrkwD85Y9zpylYseIq_GW2NZ/view?usp=sharing>

9) Install python packages to mysql

Commands: a) pip install mysqlclient

b) pip install mysql-connector-python

c) pip install pymysql

If you encounter mysqlclient install error manually install the mysqlclient package as given in this link: <https://www.educative.io/answers/how-to-fix-the-pip-install-mysqlclient-error-in-python>

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**Local, .env and static folder setup**

10) Copy local\_settings.py and .env file and the static folder to the evd folder from the path specified below.

**Path to local\_setting.py, static folder and .env file:**

Static folder path: <https://drive.google.com/drive/folders/1u1O-1meXNMs8mr51CDXrkW9cGeGwX5rL?usp=sharing>

local\_settings.py file path: <https://drive.google.com/file/d/13uwEpQK1dLFM5nbjZ6lgvNM1OpXS_Ty5/view?usp=sharing>

.env file path: <https://drive.google.com/file/d/1HfUm7ztgTvHKZUPypjqlTdG6Z-wFPoA7/view?usp=sharing>

11) Edit the local\_settings.py and .env file with the database name given and the password.

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**Code Modification in env folder**

1. Navigate to the file - env/lib/python2.7/site-packages/notification/view.py

In this file at line 7 change feed to Feed

from django.contrib.syndication.views import Feed

1. Navigate to the file - env/lib/python2.7/site-packages/sx/pisa3/pisa\_util.py

In this file replace lines 55 to 57 with following

if not (reportlab.Version[:3]>="2.1"):

raise ImportError("Reportlab Version 2.1+ is needed!")

REPORTLAB22 = (reportlab.Version[:3]>="2.1")

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**Run the application**

python manage.py runserver --settings=local\_settings