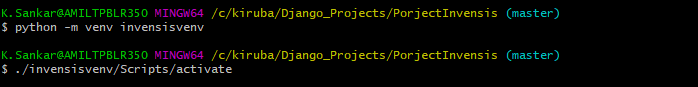
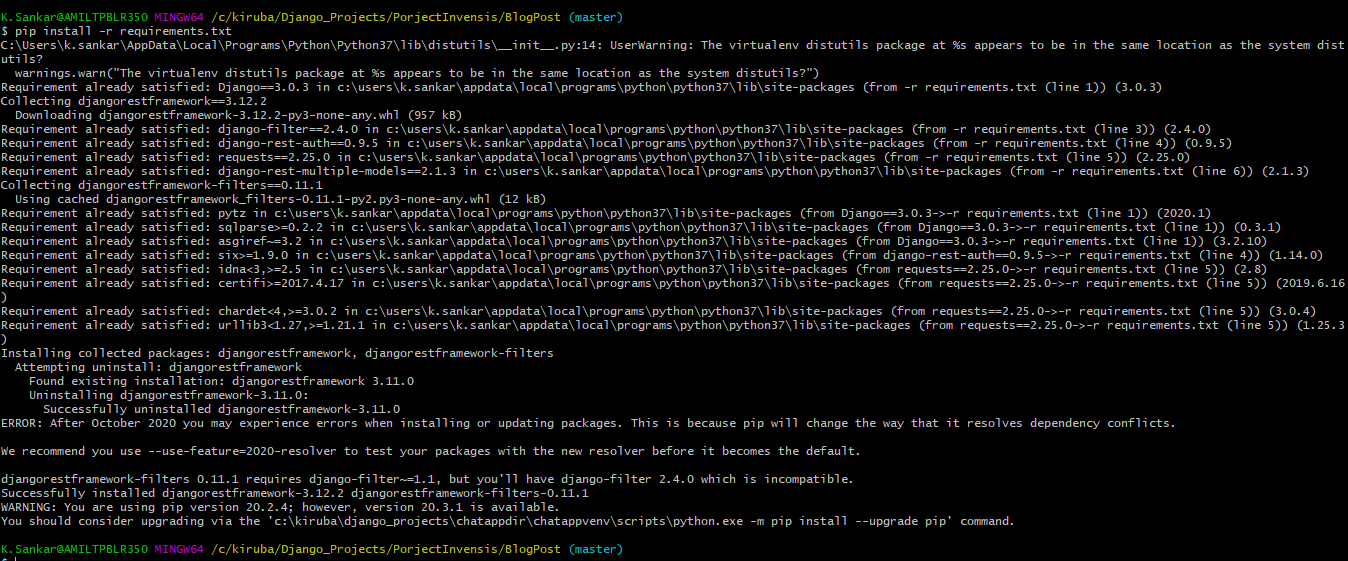
# Application Setup

* Activate virtual environment



* Installed the required packages using the command
* Pip install –r requirements.txt

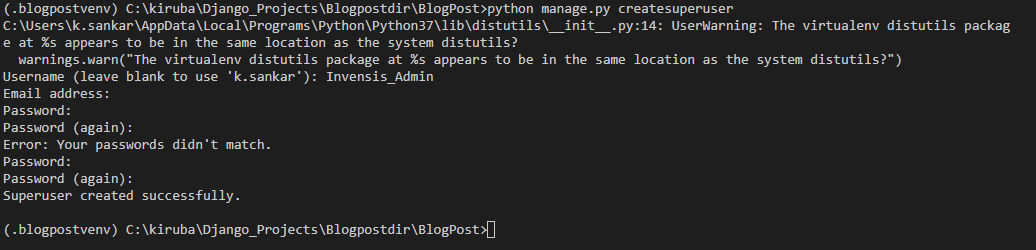


* Do the database setup for development server using the below command

python manage.py migrate

python manage.py createsuperuser

Now type the username and password when prompted



* Start the development server using the below command

python manage.py runserver

* Check whether the development server is running using the url

<http://127.0.0.1:8000/>

* Log in to the portal as admin

<http://127.0.0.1:8000/admin>

username: as provided above

password : as provided above

Rest of all the users can be created using the API links.

These API’s can only be used by Administrator

|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Description** | **HTTP Method** | **API syntax** |
| User | List all user | GET/ POST | http://127.0.0.1:8000/users/ |
|  | Get and update specific user | PUT/ DELETE | [http://127.0.0.1:8000/users/<userid>](http://127.0.0.1:8000/users/%3cuserid) |
|  | Get specific user by email ID | GET | [http://127.0.0.1:8000/users/?email=<emailID>](http://127.0.0.1:8000/users/?email=%3cemailID) |
|  | Get specific user by first name | GET | [http://127.0.0.1:8000/users/?first\_name=<first\_name>](http://127.0.0.1:8000/users/?first_name=%3cfirst_name) |
|  | Get specific user by last name | GET | [http://127.0.0.1:8000/users/?last\_name=<last\_name>](http://127.0.0.1:8000/users/?last_name=%3clast_name) |
|  | Get all users records containing the seachvalue in fullname,username, email | GET | [http://127.0.0.1:8000/users/?search=<searchvalue>](http://127.0.0.1:8000/users/?search=%3csearchvalue) |

List of other API’s that can be used by all users.

|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Description** | **HTTP Method** | **API syntax** |
| Post | List all Post | GET/ POST | http://127.0.0.1:8000/posts/ |
|  | Get and update specific post | PUT/ DELETE | http://127.0.0.1:8000/posts/<postid> |
|  | Get specific user by title | GET | http://127.0.0.1:8000/posts/title=<title> |
|  | Get specific user by content | GET | http://127.0.0.1:8000/posts/content=<content> |
|  | Get specific user by subtitle | GET | http://127.0.0.1:8000/posts/subtitle=<subtitle> |
|  | Get all users records containing the seachvalue in title, subtitle, content | GET | http://127.0.0.1:8000/posts/?search=<searchvalue> |
|  |  |  |  |
| Comments | List all Comments for the Post | GET/ POST | http://127.0.0.1:8000/posts/<post:id>/comments/ |
|  | Get and update specific comment for a specific post | PUT/DELETE | http://127.0.0.1:8000/posts/<postid>/comments/<commnetid> |
|  | Get all comments for the post with the search critiria | GET | http://127.0.0.1:8000/posts/<postid>/comments/?search=<searchvalue |
|  |  |  |  |
| Search All | Search all the models with the specific search value where the current user has access | GET | http://127.0.0.1:8000/users-posts/?search=<searchvalue> |