**1. Create New Django Project**

For this tutorial I’ll use “chatbot” as an example for the project name.

django-admin startproject chatbot

This command will create a default folder structure, which includes some Python files and your management app that has the same name as your project (chatbot)

**2. Enter Into Your Project**

It will enter you in the project folder, where we will perform further functionalities.

cd chatbot

*Your project is created, you can open your project by running*

python manage.py runserver

*Command in the terminal and visit IP address given in terminal, it’s probably something like this (*[*http://127.0.0.1:8000/*](http://127.0.0.1:8000/)*).*

**3. Create Your First Django App**

I am using ‘chatapp’ name as my app, you can use whatever you want.

python manage.py startapp chatapp

**4. Register Your App**

Now you have to register you created app in project. For doing that you have to open your settings.py file (which is inside of your project folder).

INSTALLED\_APPS = [  
'chatapp',  
.  
.  
.  
]

**5. Create Static & Templates Folders**

Now lets create two very important folder where your most of the files will store.

**Static Folder** will contain your static files (like images, videos, text files, CSS or JavaScript files, etc…).

**Templates Folder** will contain your dynamic files (like html files, site code and other important files).

**6. Set Static Directories**

After creating those folder now come back to your code editor and set their directories

STATICFILES\_DIRS = [  
os.path.join(BASE\_DIR, 'static')  
]

**7. Set Template Directories**

Well it’s for setting up the next directory which is Templates. In same settings.py file find TEMPLATES in this section look for 'DIRS':[], and in those empty brackets type the following code in it and leave the other code as it is. You just have to edit 'DIRS' field.

TEMPLATES = [{  
.  
'DIRS': [os.path.join(BASE\_DIR, 'templates')],  
.  
  
}]

**8. Create Templates**

Templates are the web pages like index.html , about.html or contact.html .

**9. Set URLs of Project & App**

First we will configure URLs in Project, for this open your urls.py file from project folder. Import include module from django.urls

from django.urls import path, include

Now lets configure the path of our app, for this add a path in urlpatterns after admin path

urlpatterns = [  
path('admin/', admin.site.urls),  
path('', include('chatapp.urls'),  
]

After project URLs we will configure app URLs. Create urls.py files in your app blog folder and then type the following code in it.

from django.urls import path, include  
from django.contrib import admin  
from chatapp import views  
urlpatterns = [  
path('', views.index, name='blog'),  
]

**10. Define & Render URLs**

Let’s now render our URLs in views.py file. Open it and write this code in it.

from django.shortcuts import render  
def index(request):  
 return render(request, 'index.html', {})

**11. Create A Super-User**

Django offers you a built-in very powerful admin panel, to access it you have to create a superuser which ill be able to access every feature of that admin panel.

python manage.py createsuperuser admin  
Email:  
Password:  
(Re-type) Password:

**12. Run Migrations**

You are almost finish one more step which very import and you might realize it that if you try to access the Project URL and it through an error or migrations in your terminal. So, now we will fix it by run migrations in our project.

***Note****: there are some important tables and configuration/changes which we perform in our settings.py and other files. So, makemigrations will create a file of your changes and store them.*

Go to your terminal and type…

python manage.py makemigrations

**Note**: like changes there are important tables needed to execute in our database. For this purpose we will migrate those tables with migrate command.

So, go to your terminal and type…

python manage.py migrate

**13. Run Project**

Finally we just finish all the important steps of our Django project setup. So, at the end it’s time to run our project and see how it looks. Now type the following command in your terminal…

python manage.py runserver

If all clears, visit [http://127.0.0.1:8000](http://127.0.0.1:8000/admin/)/ link and open your first Django web application, you can visit your admin panel by visiting <http://127.0.0.1:8000/admin/>