

To start the project use this command

```
django-admin startproject crypto_portfolio_project  
cd crypto_portfolio_project
```

To start the app use this command

```
python manage.py startapp portfolio
```

Now add this app to the **'settings.py'**

```
INSTALLED_APPS = [  
    "django.contrib.admin",  
    "django.contrib.auth",  
    "django.contrib.contenttypes",  
    "django.contrib.sessions",  
    "django.contrib.messages",  
    "django.contrib.staticfiles",  
    "portfolio",  
]
```

```
STATICFILES_DIRS = [  
    os.path.join(BASE_DIR, 'static'),  
]
```

```
LOGOUT_REDIRECT_URL = 'holdings_list' # Replace 'holdings_list'  
with the appropriate URL name
```

portfolio/models.py

```
from django.db import models
```

```
from django.contrib.auth.models import User
```

```
class CryptoCurrency(models.Model):
```

```
    name = models.CharField(max_length=100)
```

```
    symbol = models.CharField(max_length=10)
```

```
    def __str__(self):
```

```
        return self.name
```

```
class Holding(models.Model):
    cryptocurrency = models.CharField(max_length=100)
    quantity = models.DecimalField(max_digits=20, decimal_places=5)
    purchase_price = models.DecimalField(max_digits=20, decimal_places=2)
    purchase_date = models.DateField()

    def __str__(self):
        return f"{self.cryptocurrency} - {self.quantity}"
```

```
class Portfolio(models.Model):
    user = models.ForeignKey(User, on_delete=models.CASCADE)
    image = models.CharField(max_length=100)
    cryptocurrency = models.CharField(max_length=100)
    symbol = models.CharField(max_length=10)
    quantity = models.DecimalField(max_digits=10, decimal_places=2)
    purchase_price = models.DecimalField(max_digits=10, decimal_places=2)
    purchase_date = models.DateField()

    def __str__(self):
        return f"{self.cryptocurrency} - {self.quantity}"
```

```
# portfolio/views.py
```

```
from django.contrib.auth.decorators import login_required
from django.contrib.auth.forms import AuthenticationForm
from django.contrib.auth import login, logout
from django.shortcuts import render, redirect
from django.shortcuts import render, redirect
from django.urls import reverse_lazy, reverse
```

```
from .utils import fetch_crypto_data
```

```
from .forms import RegistrationForm, AddCryptoForm
```

```
from .models import Portfolio
```

```
# register
```

```
def register(request):
```

```
    if request.method == 'POST':
```

```
        form = RegistrationForm(request.POST)
```

```
        if form.is_valid():
```

```
            user = form.save()
```

```
            login(request, user)
```

```
            # Redirect to home page after successful registration
```

```
            return redirect('holdings_list')
```

```
    else:
```

```
        form = RegistrationForm()
```

```
    return render(request, 'registration/register.html', {'form': form})
```

```
# login
```

```
def user_login(request):
```

```
    if request.method == 'POST':
```

```
        form = AuthenticationForm(request, data=request.POST)
```

```
        if form.is_valid():
```

```
            user = form.get_user()
```

```
            login(request, user)
```

```
            # Redirect to holdings list after successful login
```

```
            return redirect(reverse_lazy('holdings_list'))
```

else:

form = AuthenticationForm()

return render(request, 'registration/login.html', {'form': form})

logout

def user_logout(request):

logout(request)

Redirect to the home page after logout

return redirect(reverse('holdings_list'))

homepage data

def holdings_list(request):

crypto_data = fetch_crypto_data()

holdings = [

{

"cryptocurrency": data["name"],

"image": data["image"],

"symbol": data["symbol"],

"current_price": data["current_price"],

"market_cap": data["market_cap"],

"market_cap_rank": data["market_cap_rank"],

"fully_diluted_valuation": data["fully_diluted_valuation"],

"total_volume": data["total_volume"],

"high_24h": data["high_24h"],

"low_24h": data["low_24h"],

"price_change_24h": data["price_change_24h"],

"price_change_percentage_24h": data["price_change_percentage_24h"],

"market_cap_change_24h": data["market_cap_change_24h"],

"market_cap_change_percentage_24h":

data["market_cap_change_percentage_24h"],

"circulating_supply": data["circulating_supply"],

```

        "total_supply": data["total_supply"],
        "max_supply": data["max_supply"],
        "ath": data["ath"],
        "ath_change_percentage": data["ath_change_percentage"],
        "ath_date": data["ath_date"],
        "atl": data["atl"],
        "atl_change_percentage": data["atl_change_percentage"],
        "atl_date": data["atl_date"],
        "roi": data["roi"],
        "last_updated": data["last_updated"],
        "purchase_price": 0,
        "purchase_date": None
    }
    for data in crypto_data
]
return render(request, 'portfolio/holdings_list.html', {'holdings': holdings})

```

add new crypto in their portfolio

@login_required

def add_to_portfolio(request):

if request.method == 'POST':

form = AddCryptoForm(request.POST)

if form.is_valid():

Create a new Portfolio instance and associate it with the authenticated

user

portfolio = Portfolio(

user=request.user,

image=form.cleaned_data['image'],

cryptocurrency=form.cleaned_data['cryptocurrency'],

symbol=form.cleaned_data['symbol'],

quantity=form.cleaned_data['quantity'],

```

        purchase_price=form.cleaned_data['purchase_price'],
        purchase_date=form.cleaned_data['purchase_date']
    )
    # Save the portfolio instance
    portfolio.save()
    # Redirect to holdings list after adding the cryptocurrency
    return redirect('portfolio')
else:
    form = AddCryptoForm()
    return render(request, 'portfolio/portfolio.html', {'form': form})

```

own portfolio

@login_required

def portfolio(request):

Retrieve the user's portfolio data

user_portfolio = Portfolio.objects.filter(user=request.user)

return render(request, 'portfolio/portfolio.html', {'portfolio': user_portfolio})

import requests

def fetch_crypto_data():

url = "https://api.coingecko.com/api/v3/coins/markets"

params = {

"vs_currency": "USD",

"order": "market_cap_desc",

"per_page": 100,

"page": 1,

"sparkline": False

}

response = requests.get(url, params=params)

if response.status_code == 200:

```
# print(response.json())
return response.json()
return None
```

```
# portfolio/forms.py
```

```
from django import forms
from django.contrib.auth.models import User
```

```
# forms.py
from django.contrib.auth.forms import UserCreationForm
```

```
class RegistrationForm(UserCreationForm):
    class Meta:
        model = User
        fields = ['username', 'password1', 'password2']
```

```
class AddCryptoForm(forms.Form):
    image = forms.CharField(label='image')
    cryptocurrency = forms.CharField(label='Cryptocurrency Name')
    symbol = forms.CharField(label='Symbol')
    quantity = forms.DecimalField(label='Quantity')
    purchase_price = forms.DecimalField(label='Purchase Price')
    purchase_date = forms.DateField(label='Purchase Date')
```

```
#crypto_portfolio_project\urls.py
from django.contrib import admin
from django.urls import path, include
from portfolio.views import holdings_list

urlpatterns = [
```

```

    path('admin/', admin.site.urls),
    path("", include('portfolio.urls')),
    path('accounts/', include('django.contrib.auth.urls')),
    path("", holdings_list, name='holdings_list'),
]

```

portfolio/urls.py

```
from django.urls import path
```

```
from . import views
```

```
from .views import register
```

```

urlpatterns = [
    path("", views.holdings_list, name='holdings_list'),
    path('add-to-portfolio/', views.add_to_portfolio, name='add_to_portfolio'),
    path('portfolio/', views.portfolio, name='portfolio'),
    path('register/', register, name='register'),
    path('logout/', views.user_logout, name='logout'),
    path('login/', views.user_login, name='login'),
    # Add URL patterns for other views
]

```

```
<!-- portfolio\templates\base.html -->
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>{% block title %}My Site{% endblock %}</title>
```

```
    <style>
```

```
        body {
```

```
            font-family: Arial, sans-serif;
```



```
background-color: #1e1e1e; /* Dark background color */
color: #fff; /* Light text color */
margin: 0;
padding: 0;
text-align: center; /* Center align everything */
}
header, main, footer {
    display: inline-block; /* Display as inline-block for centering */
    text-align: left; /* Reset text-align for child elements */
}
header {
    background-color: #333; /* Darker background color for header */
    padding: 20px;
    width: 100%;
}
header h1 {
    margin: 0;
    font-size: 32px;
    color: #fff; /* Light text color for header */
}
nav ul {
    list-style-type: none;
    padding: 0;
    margin: 0;
}
nav ul li {
    display: inline;
    margin-right: 20px;
}
nav ul li a {
    text-decoration: none;
```

```
        color: #fff; /* Light text color for links */
        transition: color 0.3s;
    }
    nav ul li a:hover {
        color: #ddd; /* Lighter text color on hover */
    }
    main {
        padding: 20px;
        width: 100%;
    }
    footer {
        background-color: #333; /* Darker background color for footer */
        padding: 20px;
        width: 100%;
    }
    footer p {
        margin: 0;
        color: #fff; /* Light text color for footer */
    }
</style>
</head>
<body>
    <header>
        <h1>My TRADING Portfolio</h1>
        <nav>
            <ul>
                <li><a href="{% url 'holdings_list' %}">Home</a></li>
                <li><a href="/portfolio/">My portfolio</a></li>
                <!-- Add more navigation links as needed -->
            </ul>
        </nav>
```

</header>

<main>

{% block content %}

{% endblock %}

</main>

<footer>

<p>© 2024 MySite. All rights reserved.</p>

</footer>

</body>

</html>

<!-- portfolio\templates\portfolio\add_to_portfolio.html -->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Add to Portfolio</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #222;

color: #ddd;

margin: 0;

padding: 0;

}

.container {

max-width: 500px;

margin: 50px auto;

```
    background-color: #333;
    padding: 20px;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
}
h1 {
    text-align: center;
    color: #fff;
}
form {
    margin-top: 20px;
}
label {
    display: block;
    margin-bottom: 5px;
    color: #bbb;
}
input[type="text"],
input[type="number"],
input[type="date"] {
    width: 100%;
    padding: 10px;
    margin-bottom: 10px;
    border: 1px solid #444;
    border-radius: 5px;
    background-color: #555;
    color: #ddd;
}
button[type="submit"] {
    background-color: #007bff;
    color: #fff;
```

```
padding: 10px 20px;
border: none;
border-radius: 5px;
cursor: pointer;
}
button[type="submit"]:hover {
    background-color: #0056b3;
}
</style>
</head>
<body>
    <div class="container">
        <h1>Add Cryptocurrency to Portfolio</h1>
        <form method="post">
            {% csrf_token %}
            <label for="id_cryptocurrency">Cryptocurrency Name:</label>
            {{ form.cryptocurrency }}
            <label for="id_symbol">Symbol:</label>
            {{ form.symbol }}
            <label for="id_quantity">Quantity:</label>
            {{ form.quantity }}
            <label for="id_purchase_price">Purchase Price:</label>
            {{ form.purchase_price }}
            <label for="id_purchase_date">Purchase Date:</label>
            {{ form.purchase_date }}
            <button type="submit">Add to Portfolio</button>
        </form>
    </div>
</body>
</html>
```

```
<!-- portfolio\templates\portfolio\holdings_list.html -->
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Cryptocurrency Holdings</title>
    <link rel="stylesheet" type="text/css" href="{% static 'portfolio/css/styles.css'
%}">
    <style>

/* Add dark theme */
body {
    background-color: #222; /* Dark background color for the body */
    color: #fff; /* Light text color */
}

.container {
    background-color: #222; /* Dark background color for the body */
    margin: 0 auto; /* Center align the container */
    max-width: 1200px; /* Set max width for better layout */
    padding: 20px; /* Add some padding for better spacing */
}

/* CSS styles to set the width and height of the image */
.crypto-container {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
    border-radius: 5px;
```

```
    box-shadow: 0 0 20px rgba(20, 87, 233, 0.5); /* Blue light shadow */
    background-color: #222; /* Dark background color for the container */
    padding: 20px; /* Add some padding for better spacing */
}

.crypto-card {
    width: calc(25% - 20px); /* Set the width of each card (25% of the container
width with margins) */
    border: 1px solid #ccc;
    border-radius: 5px;
    padding: 10px;
    margin: 10px;
    cursor: pointer; /* Add cursor pointer for clickable effect */
    position: relative;
    z-index: 1;
    border-radius: 5px;
    box-shadow: 0 0 20px rgba(20, 87, 233, 0.5);
    transition: transform 0.3s ease-in-out;
    text-align: center; /* Align content to the center */
    background-color: #444; /* Dark background color for the card */
}

.crypto-image {
    width: 50px; /* Set the desired width */
    height: auto; /* Automatically adjust height to maintain aspect ratio */
}

.crypto-card.active {
    position: fixed;
    top: 0;
    left: 0;
```

```
width: 100%;
height: 100%;
z-index: 999;
background-color: rgba(0, 0, 0, 1); /* Semi-transparent black background */
padding: 20px;
box-sizing: border-box;
overflow-y: auto; /* Allow scrolling if content exceeds screen height */
}
```

```
.crypto-card.active .crypto-image {
  width: 200px; /* Increase image size for modal */
}
```

```
.crypto-card.active .details {
  display: block; /* Show details section */
}
```

```
.details {
  display: none; /* Initially hide details section */
}
```

/* Style for the date input field */

```
input[type="date"],
input[type="number"] {
  width: 10%;
  padding: 8px;
  margin-top: 10px;
  margin-bottom: 20px;
  border: 1px solid #ccc;
  border-radius: 5px;
  box-sizing: border-box;
```



```
}
```

```
/* Style for the submit button */
```

```
button[type="submit"] {  
    background-color: #446845;  
    color: white;  
    padding: 10px 20px;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
    transition: background-color 0.3s;  
}
```

```
button[type="submit"]:hover {  
    background-color: #45a049;  
}
```

```
/* Style for the close button */
```

```
.close-button {  
    position: absolute;  
    top: 10px;  
    right: 10px;  
    cursor: pointer;  
    color: white;  
    font-size: 24px;  
}
```

```
/* Style for the navbar */
```

```
nav {  
    background-color: #333; /* Dark background color for navbar */  
    padding: 10px 20px;
```

```
    text-align: center;
}
```

```
nav ul {
    list-style-type: none;
    padding: 0;
    margin: 0;
}
```

```
nav ul li {
    display: inline;
    margin-right: 20px;
}
```

```
nav ul li a {
    text-decoration: none;
    color: #fff; /* Light text color for navbar links */
    transition: color 0.3s;
}
```

```
nav ul li a:hover {
    color: #ddd; /* Lighter text color on hover */
}
```

```
</style>
```

```
<script>
```

```
    // JavaScript function to toggle active class on card
```

```
    function toggleCard(cardId) {
```

```
        var card = document.getElementById(cardId);
```

```
        card.classList.toggle("active");
```

```
    }
```

```

// JavaScript function to close the bulged-out screen
function closeCard(cardId) {
    var card = document.getElementById(cardId);
    card.classList.remove("active");
}

// JavaScript function to prevent closing when clicking on the date field
function stopPropagation(event) {
    event.stopPropagation();
}
</script>
</head>
<body>
<nav>
<ul>
    {% if user.is_authenticated %}
    <li><a href="{% url 'portfolio' %}">My Portfolio</a></li>
    <li><a href="{% url 'holdings_list' %}">Holdings</a></li>
    <li><a href="{% url 'logout' %}">Logout</a></li>
    {% else %}
    <li><a href="{% url 'login' %}">Login</a></li>
    <li><a href="{% url 'register' %}">Register</a></li>
    {% endif %}
</ul>

</nav>
<div class="container">
    <h1>Cryptocurrency Holdings</h1>
    <div class="crypto-container">
        {% if holdings %}
            {% for holding in holdings %}

```

```
<div id="{{ holding.symbol }}" class="crypto-card"
onclick="toggleCard('{{ holding.symbol }}')">
     <!-- Cryptocurrency Image -->
    <h2>{{ holding.cryptocurrency }}</h2> <!-- Cryptocurrency Name
-->

    <p><strong>Symbol:</strong> {{ holding.symbol }}</p>
    <p><strong>Current Price:</strong> ${{ holding.current_price
}}</p>

    <div class="details">
        <p><strong>Market Cap:</strong> ${{ holding.market_cap
}}</p>

        <p><strong>Market Cap Rank:</strong> {{
holding.market_cap_rank }}</p>
        <p><strong>Fully Diluted Valuation:</strong> ${{
holding.fully_diluted_valuation }}</p>
        <p><strong>Total Volume:</strong> ${{ holding.total_volume
}}</p>

        <form action="{% url 'add_to_portfolio' %}" method="post">
            {% csrf_token %}
            <input type="hidden" name="image" value="{{ holding.image
}}">

            <input type="hidden" name="cryptocurrency" value="{{
holding.cryptocurrency }}">
            <input type="hidden" name="symbol" value="{{
holding.symbol }}">
            <input type="hidden" name="current_price" value="{{
holding.current_price }}">
            <input type="date" name="purchase_date"
onclick="stopPropagation(event)">
```

```

        <input type="number" name="quantity"
placeholder="Quantity" min="0" step="0.01" required
onclick="stopPropagation(event)">
        <input type="number" name="purchase_price"
placeholder="Purchase Price" min="0" step="0.01" required
onclick="stopPropagation(event)">
        <button type="submit">Add to Portfolio</button>
    </form>
    <!-- Close button for the bulged-out screen -->
    <span class="close-button" onclick="closeCard('{
holding.symbol }')">&times;</span>
    <!-- Add more details here as needed -->
</div>
</div>
    {% endfor %}
    {% else %}
    <p>No holdings found.</p>
    {% endif %}
</div>
</div>
</body>
</html>

<!-- portfolio\templates\portfolio\portfolio.html -->
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>User Portfolio</title>

```

```
<link rel="stylesheet" type="text/css" href="{% static 'portfolio/css/styles.css'
%}">
```

```
<style>
```

```
/* CSS styles to set the width and height of the image */
```

```
.crypto-image {
```

```
width: 50px; /* Set the desired width */
```

```
height: auto; /* Automatically adjust height to maintain aspect ratio */
```

```
}
```

```
/* Dark theme styles */
```

```
body {
```

```
background-color: #222; /* Dark background color for the body */
```

```
color: #fff; /* Light text color */
```

```
font-family: Arial, sans-serif; /* Specify a font for better readability */
```

```
}
```

```
h1 {
```

```
text-align: center; /* Center align the heading */
```

```
margin-top: 30px; /* Add some top margin for spacing */
```

```
}
```

```
.container {
```

```
background-color: #222; /* Dark background color for the body */
```

```
max-width: 800px; /* Limit the width of the container */
```

```
margin: 0 auto; /* Center the container horizontally */
```

```
padding: 20px; /* Add padding for content spacing */
```

```
border-radius: 5px;
```

```
box-shadow: 0 0 20px rgba(20, 87, 233, 0.5); /* Blue light shadow */
```

```
}
```

```
.crypto-container {
```

```
display: flex;
flex-wrap: wrap;
justify-content: space-between;

}
```

```
.crypto-card {
    width: calc(25% - 20px); /* Set the width of each card (25% of the
container width with margins) */
    border: 1px solid #444; /* Dark border color for the card */
    border-radius: 5px;
    padding: 10px;
    margin: 10px;
    cursor: pointer; /* Add cursor pointer for clickable effect */
    position: relative;
    z-index: 1;
    transition: transform 0.3s ease-in-out;
    border-radius: 5px;
    box-shadow: 0 0 20px rgba(20, 87, 233, 0.5);
    text-align: center; /* Align content to the center */
    background-color: #333; /* Dark background color for the card */
}
```

```
.crypto-card:hover {
    transform: translateY(-5px); /* Add a slight hover effect */
}
```

```
p {
    margin: 5px 0; /* Adjust paragraph margin for better spacing */
}

/* Style for the navbar */
```

```
nav {  
    background-color: #333; /* Dark background color for navbar */  
    padding: 10px 20px;  
    text-align: center;  
}
```

```
nav ul {  
    list-style-type: none;  
    padding: 0;  
    margin: 0;  
}
```

```
nav ul li {  
    display: inline;  
    margin-right: 20px;  
}
```

```
nav ul li a {  
    text-decoration: none;  
    color: #fff; /* Light text color for navbar links */  
    transition: color 0.3s;  
}
```

```
nav ul li a:hover {  
    color: #ddd; /* Lighter text color on hover */  
}
```

```
</style>  
</head>  
<body>  
    <nav>  
        <ul>
```



```

    {% if user.is_authenticated %}
    <li><a href="{% url 'portfolio' %}">My Portfolio</a></li>
    <li><a href="{% url 'holdings_list' %}">Holdings</a></li>
    <li><a href="{% url 'logout' %}">Logout</a></li>
    {% else %}
    <li><a href="{% url 'login' %}">Login</a></li>
    <li><a href="{% url 'register' %}">Register</a></li>
    {% endif %}
</ul>

</nav>
<h1>My Portfolio</h1>
{% if portfolio %}
    <div class="container">
        <div class="crypto-container">
            {% for item in portfolio %}
                <div class="crypto-card">
                     <!-- Cryptocurrency Image -->
                    <h2>{{ item.cryptocurrency }}</h2> <!-- Cryptocurrency Name -->
                    <p><strong>Symbol:</strong> {{ item.symbol }}</p>
                    <p><strong>Quantity:</strong> {{ item.quantity }}</p>
                    <p><strong>Purchase Price:</strong> ${{ item.purchase_price
}}</p>
                    <p><strong>Purchase Date:</strong> {{ item.purchase_date
}}</p>
                </div>
            {% endfor %}
        </div>
    </div>
{% else %}

```

```

        <p>No holdings found.</p>
    {% endif %}
</body>
</html>

<!-- templates/registration/login.html -->
{% extends 'base.html' %}
{% block content %}
    <h2>Login</h2>
    <form method="post">
        {% csrf_token %}
        {{ form.as_p }}
        <button type="submit">Login</button>
        <!-- Add a link/button to register -->
    </form>
    <a href="{% url 'register' %}">Register</a>
{% endblock %}

{% extends 'base.html' %}
{% block content %}
<h2>Register</h2>
<form method="post">
    {% csrf_token %}
    {{ form.as_p }}
    <button type="submit">Register</button>
</form>
    <a href="{% url 'login' %}">Login</a>
{% endblock %}

/* portfolio/static/portfolio/css/styles.css */

```

```
body {  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;  
    background-color: #f8f9fa;  
    margin: 0;  
    padding: 0;  
}
```

```
.container {  
    max-width: 800px;  
    margin: 20px auto;  
    padding: 20px;  
    background-color: #fff;  
    border-radius: 10px;  
    box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);  
}
```

```
h1 {  
    text-align: center;  
    color: #007bff;  
    margin-bottom: 20px;  
}
```

```
table {  
    width: 100%;  
    border-collapse: collapse;  
}
```

```
th, td {  
    border: 1px solid #dee2e6;  
    padding: 10px;  
    text-align: left;
```

```
}
```

```
th {  
    background-color: #f8f9fa;  
    color: #6c757d;  
}
```

```
tr:nth-child(even) {  
    background-color: #f8f9fa;  
}
```

```
tr:hover {  
    background-color: #e9ecef;  
}
```

```
p {  
    text-align: center;  
    color: #6c757d;  
    font-style: italic;  
    margin-top: 20px;  
}
```

```
from django.contrib import admin  
from .models import Holding  
from .models import CryptoCurrency  
# Register your models here.  
admin.site.register(Holding)  
admin.site.register(CryptoCurrency)
```

Running the Project

Run these commands to apply the migrations:

```
python3 manage.py makemigrations
```

```
python3 manage.py migrate
```

Create superuser using the below command

```
python3 manage.py createsuperuser
```

Run the server with the help of following command:

```
python3 manage.py runserver
```