**Example 1(using HTML form):**

**models.py of app**

from django.db import models

class User(models.Model):

    username = models.CharField(max\_length=100)

    email = models.EmailField(unique=True)

    password = models.CharField(max\_length=100)

After this, run these two commands in terminal:

python manage.py makemigrations

python manage.py migrate

**views.py of app**

from django.shortcuts import render

from .models import User

def signup(request):

    account\_created = False

    if request.method == 'POST':

        username = request.POST.get('username')

        email = request.POST.get('email')

        password = request.POST.get('password')

        user = User.objects.create(username=username, email=email, password=password)

        user.save()

        account\_created = True

    return render(request, 'signup.html', {'account\_created': account\_created})

**signup.html of templates folder of your app**

<!DOCTYPE html>

<html>

<head>

  <title>Signup Form</title>

</head>

<body>

  <h2>Sign Up</h2>

  <form method="post">

    {% csrf\_token %}

    <label for="username">Username:</label>

    <input type="text" id="username" name="username" required><br><br>

    <label for="email">Email:</label>

    <input type="email" id="email" name="email" required><br><br>

    <label for="password">Password:</label>

    <input type="password" id="password" name="password" required><br><br>

    <input type="submit" value="Sign Up">

  </form>

  {% if account\_created %}

  <p>Account created successfully!</p>

{% endif %}

</body>

</html>

**urls.py of your app**

from django.urls import path

from . import views

urlpatterns = [

     path('signup/', views.signup, name='signup'),

]

**urls.py of your project**

from django.contrib import admin

from django.urls import path, include

urlpatterns = [

    path('admin/', admin.site.urls),

    path('myapp/', include('myapp.urls')),

]

**settings.py of your project**

TEMPLATES = [

    {

        'BACKEND': 'django.template.backends.django.DjangoTemplates',

        'DIRS': [

            'myapp/templates'

            ],

        'APP\_DIRS': True,

        'OPTIONS': {

            'context\_processors': [

                'django.template.context\_processors.debug',

                'django.template.context\_processors.request',

                'django.contrib.auth.context\_processors.auth',

                'django.contrib.messages.context\_processors.messages',

            ],

        },

    },

]

Now, run server

And then go to http://localhost:8000/myapp/signup/

**Example 2(using django form):**

**models.py of app**

from django.db import models

class User(models.Model):

    username = models.CharField(max\_length=100)

    email = models.EmailField(unique=True)

    password = models.CharField(max\_length=100)

After this, run these two commands in terminal:

python manage.py makemigrations

python manage.py migrate

**forms.py of app**

from django import forms

class SignupForm(forms.Form):

    username = forms.CharField(max\_length=100)

    email = forms.EmailField()

    password = forms.CharField(widget=forms.PasswordInput)

**views.py of app**

from django.shortcuts import render

from .forms import SignupForm

from .models import User

def signup(request):

    account\_created = False

    if request.method == 'POST':

        form = SignupForm(request.POST)

        if form.is\_valid():

            username = form.cleaned\_data['username']

            email = form.cleaned\_data['email']

            password = form.cleaned\_data['password']

            user = User.objects.create(username=username, email=email, password=password)

            user.save()

            account\_created = True

    else:

        form = SignupForm()

    return render(request, 'signup.html', {'form': form, 'account\_created': account\_created})

**signup.html of templates folder of your app**

<!DOCTYPE html>

<html>

<head>

  <title>Signup Form</title>

</head>

<body>

  <h2>Sign Up</h2>

  <form method="post">

    {% csrf\_token %}

    {{ form.as\_p }}

    <input type="submit" value="Sign Up">

  </form>

  {% if account\_created %}

  <p>Account created successfully!</p>

{% endif %}

</body>

</html>

**urls.py of your app**

from django.urls import path

from . import views

urlpatterns = [

     path('signup/', views.signup, name='signup'),

]

**urls.py of your project**

from django.contrib import admin

from django.urls import path, include

urlpatterns = [

    path('admin/', admin.site.urls),

    path('myapp/', include('myapp.urls')),

]

**settings.py of your project**

TEMPLATES = [

    {

        'BACKEND': 'django.template.backends.django.DjangoTemplates',

        'DIRS': [

            'myapp/templates'

            ],

        'APP\_DIRS': True,

        'OPTIONS': {

            'context\_processors': [

                'django.template.context\_processors.debug',

                'django.template.context\_processors.request',

                'django.contrib.auth.context\_processors.auth',

                'django.contrib.messages.context\_processors.messages',

            ],

        },

    },

]

Now, run server

And then go to http://localhost:8000/myapp/signup/

**Example 3(using django model form):**

**models.py of app**

from django.db import models

class User(models.Model):

    username = models.CharField(max\_length=100)

    email = models.EmailField(unique=True)

    password = models.CharField(max\_length=100)

After this, run these two commands in terminal:

python manage.py makemigrations

python manage.py migrate

**forms.py of app**

from django import forms

from .models import User

class SignupForm(forms.ModelForm):

    class Meta:

        model = User

        fields ='\_\_all\_\_'

**views.py of app**

from django.shortcuts import render

from .forms import SignupForm

from .models import User

def signup(request):

    account\_created = False

    if request.method == 'POST':

        form = SignupForm(request.POST)

        if form.is\_valid():

            username = form.cleaned\_data['username']

            email = form.cleaned\_data['email']

            password = form.cleaned\_data['password']

            user = User.objects.create(username=username, email=email, password=password)

            user.save()

            account\_created = True

    else:

        form = SignupForm()

    return render(request, 'signup.html', {'form': form, 'account\_created': account\_created})

**signup.html of templates folder of your app**

<!DOCTYPE html>

<html>

<head>

  <title>Signup Form</title>

</head>

<body>

  <h2>Sign Up</h2>

  <form method="post">

    {% csrf\_token %}

    {{ form.as\_p }}

    <input type="submit" value="Sign Up">

  </form>

  {% if account\_created %}

  <p>Account created successfully!</p>

{% endif %}

</body>

</html>

**urls.py of your app**

from django.urls import path

from . import views

urlpatterns = [

     path('signup/', views.signup, name='signup'),

]

**urls.py of your project**

from django.contrib import admin

from django.urls import path, include

urlpatterns = [

    path('admin/', admin.site.urls),

    path('myapp/', include('myapp.urls')),

]

**settings.py of your project**

TEMPLATES = [

    {

        'BACKEND': 'django.template.backends.django.DjangoTemplates',

        'DIRS': [

            'myapp/templates'

            ],

        'APP\_DIRS': True,

        'OPTIONS': {

            'context\_processors': [

                'django.template.context\_processors.debug',

                'django.template.context\_processors.request',

                'django.contrib.auth.context\_processors.auth',

                'django.contrib.messages.context\_processors.messages',

            ],

        },

    },

]

Now, run server

And then go to http://localhost:8000/myapp/signup/