Views.py

from accounts.mixins import MessageHandler

from accounts.CustomBackend import \*

def number\_check(request):

if request.method=='POST':

global phone

phone=request.POST['phone\_number']

print("phone1=",phone)

message\_handler = MessageHandler(phone,otp).sent\_otp\_on\_phone()

return redirect('otp\_validate')

return render(request,'otp\_login.html')

def otp\_validate(request):

if request.method=='POST':

otp1= int(request.POST['otp'])

validate = MessageHandler(phone,otp1).validate()

print("validate=",validate)

if validate=="approved":

user=CustomBackend.authenticate(request,phone\_number=phone)

print("-----")

print (user)

return redirect('home')

return render(request,'otp\_validate.html')

**CustomBackend.py**

**from django.contrib.auth.backends import BaseBackend**

**from .models import CustomUser**

**from django.contrib.auth import get\_user\_model**

**from django.contrib.auth.models import auth**

**# User = get\_user\_model()**

**class CustomBackend(BaseBackend):**

**def authenticate(request, phone\_number):**

**# Check the token and return a user.**

**try:**

**phone\_number=phone\_number[3:]**

**print(phone\_number)**

**user = User.objects.get(phone\_number=phone\_number)**

**auth.login(request,user,backend='django.contrib.auth.backends.ModelBackend')**

**except User.DoesNotExist:**

**return None**

**Mixins.py**

**from django.conf import settings**

**from twilio.rest import Client**

**import random**

**class MessageHandler:**

**phone\_number = None**

**otp = None**

**def \_\_init\_\_(self,phone\_number,otp)->None:**

**self.phone\_number = phone\_number**

**self.otp = otp**

**print("generated otp=",self.otp)**

**def sent\_otp\_on\_phone(self):**

**client=Client(settings.ACCOUNT\_SID,settings.AUTH\_TOKEN)**

**verification = client.verify \**

**.v2 \**

**.services('VA29a4d611a341913b3a967202769fe894') \**

**.verifications \**

**.create(to=self.phone\_number, channel='sms')**

**def validate(self):**

**client=Client(settings.ACCOUNT\_SID,settings.AUTH\_TOKEN)**

**verification\_check = client.verify \**

**.v2 \**

**.services('VA29a4d611a341913b3a967202769fe894') \**

**.verification\_checks \**

**.create(to=self.phone\_number,code=self.otp)**

**validation=verification\_check.status**

**print( validation)**

**return validation**

ADD ACCOUNT SID AND TOKEN IN ENV FILE OR SETTINGS

ADD THIS TO SETTINGS.PY

AUTHENTICATION\_BACKENDS=[

'django.contrib.auth.backends.ModelBackend',

'accounts.CustomBackend.CustomBackend',

]