Django configuration on Raspberry Pi 3B+

Part 4
Controlling Stepper Motor

Sr No	Steps

1	HTML Page
	
	 ```<center>```
	``` Stepper ```
	```<form action="/CW/"><input type ="submit" value="Clockwise" /></form>```
	```<form action="/ACW/"><input type ="submit" value="AntiClockwise" /></form>```
	```</center>```

	urls.py
	
	 ```from django.contrib import admin```
	```from django.urls import path,include```
	```from . import views```
	
	```urlpatterns = [```
	``` path('',views.home),```
	``` path('CW/',views.ANTCLK),```
	``` path('ACW/',views.CLK),```
	```]```

	views.py
	
	 ```from django.shortcuts import render```
	```from django.http import HttpResponse```
	```from time import sleep```
	```import RPi.GPIO as GPIO```
	
	```def home(request):```
	``` return render(request,'home.html',)```
	
	```def CLK(request):```
	``` motor_channel = (29,31,33,35)```
	``` GPIO.setwarnings(False)```
	``` GPIO.setmode(GPIO.BOARD)```
	``` GPIO.setup(motor_channel, GPIO.OUT)```

```python
    motor_direction=1
    for i in range (100):
        GPIO.output(motor_channel, (GPIO.HIGH,GPIO.LOW,GPIO.LOW,GPIO.HIGH))
        sleep(0.02)
        GPIO.output(motor_channel, (GPIO.LOW,GPIO.LOW,GPIO.HIGH,GPIO.HIGH))
        sleep(0.02)
        GPIO.output(motor_channel, (GPIO.LOW,GPIO.HIGH,GPIO.HIGH,GPIO.LOW))
        sleep(0.02)
        GPIO.output(motor_channel, (GPIO.HIGH,GPIO.HIGH,GPIO.LOW,GPIO.LOW))
        sleep(0.02)
    return(HttpResponse('Running motor in anticlockwise direction'))

def ANTCLK(request):
    motor_channel = (29,31,33,35)
    GPIO.setwarnings(False)
    GPIO.setmode(GPIO.BOARD)
    GPIO.setup(motor_channel, GPIO.OUT)
    motor_direction=1
    for i in range (100):
        GPIO.output(motor_channel, (GPIO.HIGH,GPIO.LOW,GPIO.LOW,GPIO.HIGH))
        sleep(0.02)
        GPIO.output(motor_channel, (GPIO.HIGH,GPIO.HIGH,GPIO.LOW,GPIO.LOW))
        sleep(0.02)
        GPIO.output(motor_channel, (GPIO.LOW,GPIO.HIGH,GPIO.HIGH,GPIO.LOW))
        sleep(0.02)
        GPIO.output(motor_channel, (GPIO.LOW,GPIO.LOW,GPIO.HIGH,GPIO.HIGH))
        sleep(0.02)
    return(HttpResponse('Running motor in clockwise direction'))
```