DAY16: EVENING ASSESSMENT

Myapp/Models.py

from django.db import models  
  
# Create your models here.  
from mongoengine import Document, StringField, IntField  
  
  
class Person(Document):  
 name = StringField(required=True)  
 age = IntField()  
 technology = StringField(required=True)

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myapp/urls.py-

from django.urls import path  
from . import views  
  
urlpatterns = [  
 path('create/', views.create\_person),  
 path('list/', views.list\_people),  
 path('show/', views.show\_people),  
]

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myapp/views.py-

from django.http import HttpResponse  
from .models import Person  
  
  
def create\_person(request):  
 p = Person(name="Shreya", age=22, technology="react")  
 p.save()  
 return HttpResponse(f"Created person {p.name}! She/He can use the database to its maximum extent and is allowed to do it")  
  
def list\_people(request):  
 people = Person.objects()  
 return HttpResponse("<br>".join([f"{p.name} - {p.age} " for p in people]))  
  
def show\_people(request):  
 people = Person.objects()  
 return HttpResponse("<br>".join([f"{p.name} and her age is {p.age} with {p.technology}" for p in people]))

app.py(myapp)-  
from django.apps import AppConfig  
  
  
class MyappConfig(AppConfig):  
 default\_auto\_field = 'django.db.models.BigAutoField'  
 name = 'myapp'

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Myproject/Settings.py

Add the following code to the exsisting code-

from pathlib import Path  
from mongoengine import connect  
  
connect(  
 db='Test',  
 host='mongodb://root:root@52.66.216.135:27017/?authSource=admin')

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Myproject/urls.py  
  
from django.contrib import admin  
from django.urls import path  
from django.urls import path, include  
  
urlpatterns = [  
 path('admin/', admin.site.urls),  
 path('', include('myapp.urls')),  
]