from random import randint

import time

from datetime import date

today=date.today()

print(":::::WELCOME TO ATLAS HEALTH POINT DOCTOR APPOINTMENT WEBSITE:::::")

time.sleep(2)

doctor\_list=[

{"number":101,"dr\_name":"DR.AMIT SHARMA","time":"12.00 PM-2.00 PM","special":"CARDIOLOGIST","ph\_no":"+91-9403423123"},

{"number":102,"dr\_name":"DR.SHUBHAM MISHRA","time":"6.30 AM-8.00 AM","special":"DERMATOLOGIST","ph\_no":"+91-9064179874"},

{"number":103,"dr\_name":"DR.DEBDUT DAS","time":"1.00 PM-3.00 PM","special":"NEUROLOGIST","ph\_no":"+91-9863654567"},

{"number":104,"dr\_name":"DR.DIPAK DAS","time":"1.30 PM-3.00 PM","special":"PSYCHIATRIST","ph\_no":"+91-9213456784"},

{"number":105,"dr\_name":"DR.DIBBENDU ADHIKARY","time":"4.00 PM-6.00 PM","special":"PEDIATRICIAN" ,"ph\_no":"+91-9834231000"},

{"number":106,"dr\_name":"DR.ARVIND ROY","time":"5.30 PM-8.00 PM","special":"GYNECOLOGIST","ph\_no":"+91-9086281126"}

]

ap={}

def show\_doctor():

print(":::::AVAILABLE DOCTORS:::::")

for doctor in doctor\_list:

print(f"{doctor["number"]} . {doctor["dr\_name"]} → {doctor["special"]} → {doctor["time"]} ")

def book\_doctor():

name = input("Enter your name: ").strip().upper()

age = int(input("Enter your age: "))

if(age<=0):

print("not valid age")

gender=input("Enter your gender: ").strip().upper()

ap\_date=(input("enter your appointment date:" ))

suffer=input("Please mention the medical issue or symptoms you're facing: ")

show\_doctor()

try:

select=int(input("Enter the serial no of doctor to whom you want to visit for your disease: "))

except valueerror:

print(":::::INVALID DOCTOR NUMBER:::::")

return

for doctor in doctor\_list:

if doctor["number"]==select:

print("\nChoose Payment Method:")

print("1. UPI")

print("2. Card")

print("3. Net Banking")

pay\_method = input("Enter payment option (1/2/3): ")

if pay\_method not in ["1", "2", "3"]:

print("Payment failed: Invalid method.")

return

print("Processing payment", end="")

for \_ in range(3):

print(".", end="")

time.sleep(1)

print("\n Payment Successful!")

ap["name"]=name

ap["age"]=age

ap["gender"]=gender

ap["ap\_date"]=ap\_date

ap["dr\_name"]=doctor["dr\_name"]

ap["time"]=doctor["time"]

ap["special"]=doctor["special"]

ap["suffer"]=suffer

ap["ph\_no"]=doctor["ph\_no"]

ap["ap\_no"]=randint(0,50)

ap["payment\_mode"] = "UPI" if pay\_method == "1" else "Card" if pay\_method == "2" else "Net Banking"

print(":::::YOUR APPOINTMENT has been COMPLETE SUCCESSFULLY!:::::")

return

print("INVALID")

def details\_ap():

if not ap:

print("No Appointments Booked Yet.")

return

else:

if ap:

print("\n ::::: YOUR APPOINTMENT FORM DETAILS:::::")

print(f"NAME: {ap['name']}")

print(f"AGE: {ap['age']}")

print(f"GENDER: {ap['gender']}")

print(f"YOUR DISEASE: {ap['suffer']}")

print(f"APPOINTMENT DATE: {ap['ap\_date']}")

print(f"DR.NAME: {ap['dr\_name']}")

print(f"SPECIALIST: {ap['special']}")

print(f"TIME: {ap['time']}")

print(f"PHONE NO: {ap['ph\_no']}")

print(f"APPOINTMENT NO: {ap['ap\_no']}")

print(f"BOOKED ON: {today}")

print(f"Payment Mode : {ap['payment\_mode']}")

while True:

print("\n:::::Show Appointment Fillup System:::::")

print("1. Book Appointment")

print("2. View Appointment")

print("3. Exit")

choice\_number = input("Enter your choice (1/2/3): ")

if choice\_number == "1":

book\_doctor()

elif choice\_number == "2":

details\_ap()

elif choice\_number == "3":

if not ap:

print("You Haven't booked any appointment .")

continue

if ap:

print("GOODBYE! Please bring your form on the appointment day.")

else:

print("Invalid choice. Please select 1, 2, or 3.")