import requests

# Simulated GPS coordinates (to be replaced with actual GPS integration)

latitude = 12.3456

longitude = 78.9012

# Simulated contact number

contact\_number = "+1234567890"

# To be Replaced with an actual hospital API endpoint

hospital\_api\_url = "https://example.com/api/send\_to\_hospital"

# Function to send accident data to the hospital via HTTP POST

def send\_accident\_data\_to\_hospital(latitude, longitude, contact\_number):

data = {

"latitude": latitude,

"longitude": longitude,

"contact\_number": contact\_number

}

try:

response = requests.post(hospital\_api\_url, json=data)

if response.status\_code == 200:

print("Accident data sent to the hospital successfully.")

else:

print("Failed to send accident data to the hospital.")

except Exception as e:

print(f"Error: {str(e)}")

# Simulated accident detection (to be replaced with actual detection mechanism- part of hardware integration)

accident\_detected = True

if accident\_detected:

print("Accident detected. Sending data to the hospital...")

send\_accident\_data\_to\_hospital(latitude, longitude, contact\_number)

# Provide basic first aid guidance (replace with more detailed guidance)

print("Please stay calm. Check for injuries and call for help.")

print("If possible, apply pressure to stop bleeding.")

print("Do not move the injured person if there's a chance of spinal injury.")

else:

print("No accident detected.")