# app.py

from flask import Flask, jsonify, request

app = Flask(\_\_name\_\_)

# In-memory storage for tasks

tasks = [

{"id": 1, "title": "⚡ Wiring & Rewiring – Set up new wires or replace old ones"},

{"id": 2, "title": "⚡ Fix Switchboards & Sockets – Repair or install new electrical sockets"},

{"id": 3, "title": "⚡ Install Ceiling & Exhaust Fans – Set up fans and replace old ones"},

{"id": 4, "title": "⚡ Install UPS & Inverters – Connect backup power systems"},

{"id": 5, "title": "⚡ Repair Circuit Breakers – Fix fuse boxes and power distribution boards"},

{"id": 6, "title": "⚡ Lighting Installation – Install LED lights, chandeliers, and tube lights"},

{"id": 7, "title": "⚡ Generator Connection – Set up generator connections"},

{"id": 8, "title": "⚡ CCTV Camera Installation – Install and set up security cameras"},

]

# Get all tasks

@app.route('/tasks', methods=['GET'])

def get\_tasks():

return jsonify(tasks)

# Get a single task by ID

@app.route('/tasks/<int:task\_id>', methods=['GET'])

def get\_task(task\_id):

task = next((task for task in tasks if task["id"] == task\_id), None)

return jsonify(task) if task else ('', 404)

# Create a new task

@app.route('/tasks', methods=['POST'])

def create\_task():

new\_task = request.json

new\_task['id'] = len(tasks) + 1 # Simple ID assignment

tasks.append(new\_task)

return jsonify(new\_task), 201

# Update an existing task

@app.route('/tasks/<int:task\_id>', methods=['PUT'])

def update\_task(task\_id):

task = next((task for task in tasks if task["id"] == task\_id), None)

if task:

task.update(request.json)

return jsonify(task)

return ('', 404)

# Delete a task

@app.route('/tasks/<int:task\_id>', methods=['DELETE'])

def delete\_task(task\_id):

global tasks

tasks = [task for task in tasks if task["id"] != task\_id]

return ('', 204)

if \_\_name\_\_ == '\_\_main\_\_':

app.run(debug=True)