# app.py

from flask import Flask, jsonify, request

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

# In-memory storage for tasks

tasks = [

{"id": 1, "title": "⚡ Wiring & Rewiring"},

{"id": 2, "title": "⚡ Fix Switchboards & Sockets"},

{"id": 3, "title": "⚡ Install Ceiling & Exhaust Fans"},

{"id": 4, "title": "⚡ Install UPS & Inverters"},

{"id": 5, "title": "⚡ Repair Circuit Breakers"},

{"id": 6, "title": "⚡ Lighting Installation"},

{"id": 7, "title": "⚡ Generator Connection"},

{"id": 8, "title": "⚡ CCTV Camera Installation"},

]

# Helper function to find a task by ID

def find\_task(task\_id):

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

# 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 = find\_task(task\_id)

return jsonify(task) if task else ('Task not found', 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 = find\_task(task\_id)

if task:

task.update(request.json)

return jsonify(task)

return ('Task not found', 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)