from flask import Flask, render\_template, request, jsonify, redirect, url\_for

from flask\_sqlalchemy import SQLAlchemy

from datetime import datetime

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

# Configure the database

app.config['SQLALCHEMY\_DATABASE\_URI'] = 'sqlite:///donations.db'

app.config['SQLALCHEMY\_TRACK\_MODIFICATIONS'] = False

db = SQLAlchemy(app)

# Database model for donations

class Donation(db.Model):

    id = db.Column(db.Integer, primary\_key=True)

    donor\_name = db.Column(db.String(100), nullable=False)

    food\_details = db.Column(db.String(200), nullable=False)

    quantity = db.Column(db.Float, nullable=False)

    location = db.Column(db.String(200), nullable=False)

    ngo = db.Column(db.String(100), nullable=False)

    donation\_time = db.Column(db.String(100), nullable=False)  # Date and time as string

# Create the database tables and clear any previous records

with app.app\_context():

    db.create\_all()

    # db.session.query(Donation).delete()  # Optional: Uncomment if you want to clear old records on startup

    db.session.commit()

@app.route('/')

def index():

    return render\_template('index.html')

@app.route('/submit\_donation', methods=['POST'])

def submit\_donation():

    try:

        # Get the data from the request

        data = request.json

        donor\_name = data['donorName']

        food\_details = data['foodDetails']

        quantity = float(data['quantity'])

        location = data['location']

        ngo = data['ngo']

        donation\_time = data['donationTime']

        # Create a new Donation entry

        new\_donation = Donation(

            donor\_name=donor\_name,

            food\_details=food\_details,

            quantity=quantity,

            location=location,

            ngo=ngo,

            donation\_time=donation\_time

        )

        # Add and commit the donation to the database

        db.session.add(new\_donation)

        db.session.commit()

        return jsonify({'success': True})

    except Exception as e:

        print(f"Error: {e}")

        return jsonify({'success': False}), 500

@app.route('/donations')

def donations():

    # Fetch all donation records from the database

    all\_donations = Donation.query.all()

    return render\_template('donations.html', donations=all\_donations)

# New route to handle deletion

@app.route('/delete\_donation', methods=['POST'])

def delete\_donation():

    donation\_id = request.form.get('donation\_id')

    if donation\_id:

        # Find the donation by ID and delete it

        donation\_to\_delete = Donation.query.get(donation\_id)

        if donation\_to\_delete:

            db.session.delete(donation\_to\_delete)

            db.session.commit()

    return redirect(url\_for('donations'))

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

    app.run(debug=True)