以下是car\_booking.py from flask import Flask, render\_template, request, jsonify import sqlite3 import smtplib from email.mime.text import MIMEText from datetime import datetime app = Flask(\_\_name\_\_) DB\_PATH = 'data/bookings.db' CAR\_EMAILS = { 'BKQ-2991': 'mika.tsai@toshibatec.com.tw', 'BKQ-2990': 'yang.di@toshibatec.com.tw' } def init\_db(): conn = sqlite3.connect(DB\_PATH) c = conn.cursor() c.execute('''CREATE TABLE IF NOT EXISTS bookings ( id INTEGER PRIMARY KEY AUTOINCREMENT, date TEXT, car\_plate TEXT, department TEXT, purpose TEXT, updated\_at TEXT )''') conn.commit() conn.close() @app.route('/') @app.route('/calendar') def calendar(): return render\_template('calendar.html') @app.route('/history') def history(): conn = sqlite3.connect(DB\_PATH) c = conn.cursor() c.execute("SELECT date, car\_plate, department, purpose FROM bookings ORDER BY date DESC, id DESC") records = c.fetchall() conn.close() return render\_template('history.html', records=records) @app.route('/get\_entry', methods=['POST']) def get\_entry(): date = request.form['date'] conn = sqlite3.connect(DB\_PATH) c = conn.cursor() c.execute("SELECT car\_plate, department, purpose FROM bookings WHERE date = ?", (date,)) rows = c.fetchall() conn.close() entries = [] for row in rows: entries.append({ "car\_plate": row[0], "department": row[1], "purpose": row[2] }) return jsonify(entries) @app.route('/register', methods=['POST']) def register(): data = request.get\_json() date = data['date'] car\_plate = data['car\_plate'] department = data['department'] purpose = data['purpose'] updated\_at = datetime.now().isoformat() conn = sqlite3.connect(DB\_PATH) c = conn.cursor() c.execute("INSERT INTO bookings (date, car\_plate, department, purpose, updated\_at) VALUES (?, ?, ?, ?, ?)", (date, car\_plate, department, purpose, updated\_at)) conn.commit() conn.close() send\_mail(car\_plate, department, date, purpose) return jsonify({"status": "success"}) @app.route('/get\_all\_entries', methods=['GET']) def get\_all\_entries(): conn = sqlite3.connect(DB\_PATH) c = conn.cursor() c.execute("SELECT date, car\_plate, department FROM bookings") entries = c.fetchall() conn.close() events = [] for entry in entries: events.append({ "title": f"{entry[1]} ({entry[2]})", # 車號 + 部門 "start": entry[0] }) return jsonify(events) def send\_mail(car\_plate, department, date, purpose): to\_email = CAR\_EMAILS.get(car\_plate) if not to\_email: return subject = f"公務車 {car\_plate} 登記" body = f"借用部門: {department}\n借用日期: {date}\n用途: {purpose}" msg = MIMEText(body) msg['Subject'] = subject msg['From'] = 'noreply@example.com' msg['To'] = to\_email try: with smtplib.SMTP('localhost') as server: server.send\_message(msg) except Exception as e: print(f"Mail failed: {e}") if \_\_name\_\_ == '\_\_main\_\_': init\_db() app.run(debug=True) 以下是calendar.html <!DOCTYPE html> <html lang="zh-TW"> <head> <meta charset="UTF-8" /> <title>車輛使用登記系統</title> <!-- 正確載入 FullCalendar 6.1.8 CSS --> <link href="https://cdn.jsdelivr.net/npm/fullcalendar@6.1.8/index.global.min.css" rel="stylesheet" /> <style> body { font-family: Arial; padding: 20px; } #calendar { max-width: 900px; margin: 0 auto; height: 700px; } #entryModal { display: none; position: fixed; z-index: 999; top: 30%; left: 50%; transform: translate(-50%, -30%); background: white; padding: 20px; border: 2px solid #ccc; border-radius: 10px; box-shadow: 0 0 15px rgba(0,0,0,0.3); } #entryModal input, #entryModal select { width: 100%; margin-bottom: 10px; padding: 5px; } .modal-buttons { text-align: right; } </style> </head> <body> <h2>車輛使用登記系統</h2> <div id="calendar"></div> <div id="entryModal"> <h3>登記車輛使用</h3> <label>日期: <span id="selectedDate"></span></label><br> <label>車號:</label> <select id="car\_plate"> <option value="BKQ-2991">BKQ-2991</option> <option value="BKQ-2990">BKQ-2990</option> </select> <label>部門:</label> <select id="department"> <option value="北市">北市</option> <option value="新北一">新北一</option> <option value="新北二">新北二</option> </select> <label>用途:</label> <input type="text" id="purpose" placeholder="請輸入用途" /> <div class="modal-buttons"> <button onclick="submitEntry()">登記</button> <button onclick="closeModal()">取消</button> </div> <div id="entriesList"></div> </div> <!-- 正確載入 FullCalendar 6.1.8 JS --> <script src="https://cdn.jsdelivr.net/npm/fullcalendar@6.1.8/index.global.min.js"></script> <script src="https://cdn.jsdelivr.net/npm/fullcalendar@6.1.8/locales/zh-tw.js"></script> <!-- jQuery 放 FullCalendar 後面 --> <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script> <script> let currentDate = ''; let calendar; document.addEventListener('DOMContentLoaded', function () { const calendarEl = document.getElementById('calendar'); calendar = new FullCalendar.Calendar(calendarEl, { initialView: 'dayGridMonth', locale: 'zh-tw', selectable: true, dateClick: function (info) { currentDate = info.dateStr; document.getElementById('selectedDate').textContent = currentDate; document.getElementById('entryModal').style.display = 'block'; $.post('/get\_entry', { date: currentDate }, function (data) { renderEntriesList(data); }); }, events: '/get\_all\_entries' }); calendar.render(); }); function closeModal() { document.getElementById('entryModal').style.display = 'none'; } function submitEntry() { const newPurpose = $('#purpose').val().trim(); if (!newPurpose) { alert('請輸入用途'); return; } $.ajax({ url: '/register', type: 'POST', contentType: 'application/json', data: JSON.stringify({ date: currentDate, purpose: newPurpose, car\_plate: $('#car\_plate').val(), department: $('#department').val() }), success: function () { alert('登記完成'); closeModal(); $.post('/get\_entry', { date: currentDate }, function (data) { renderEntriesList(data); }); $('#purpose').val(''); $('#car\_plate').val('BKQ-2991'); $('#department').val('北市'); calendar.refetchEvents(); }, error: function () { alert('登記失敗，請稍後再試'); } }); } function renderEntriesList(data) { const container = $('#entriesList'); if (!data || data.length === 0) { container.html('<p>當天無登記紀錄</p>'); return; } let html = '<hr><strong>當日登記紀錄：</strong><ul>'; data.forEach(item => { html += <li>${item.car\_plate} - ${item.department} - ${item.purpose}</li>; }); html += '</ul>'; container.html(html); } </script> </body> </html> 以下是history.html <!DOCTYPE html> <html lang="zh-Hant"> <head> <meta charset="UTF-8"> <title>歷史紀錄</title> <style> table { border-collapse: collapse; width: 80%; margin: 20px auto; } th, td { border: 1px solid #ccc; padding: 8px; text-align: center; } </style> </head> <body> <h2 style="text-align:center">歷史紀錄</h2> <table> <thead> <tr> <th>日期</th><th>車號</th><th>部門</th><th>用途</th> </tr> </thead> <tbody> {% for r in records %} <tr> <td>{{ r[0] }}</td> <td>{{ r[1] }}</td> <td>{{ r[2] }}</td> <td>{{ r[3] }}</td> </tr> {% endfor %} </tbody> </table> </body> </html>