

App.py

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from flask import Flask, render_template, request, jsonify

app = Flask(__name__)

# Temporary database (Real time lo SQL use chestham)
appointments = []

@app.route('/')
def index():
    return render_template('index.html')

# Patient appointment submit cheyadaniki
@app.route('/api/book', methods=['POST'])
def book_appointment():
    data = request.json
    appointment = {
        "id": len(appointments) + 1,
        "name": data.get("name"),
        "age": data.get("age"),
        "concern": data.get("concern"),
        "date": data.get("date"),
        "location": data.get("location"),
        "hospital": data.get("hospital"),
        "status": "Pending"
    }
    appointments.append(appointment)
```

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return jsonify({"message": "Success", "id": appointment["id"]})\n\n# Doctor pending requests choodadaniki\n\n@app.route('/api/doctor/inbox', methods=['GET'])\n\ndef get_inbox():\n    pending = [a for a in appointments if a["status"] == "Pending"]\n    return jsonify(pending)\n\n# Doctor decision (Approve/Reject) update cheyadaniki\n\n@app.route('/api/doctor/decide', methods=['POST'])\n\ndef decide_appointment():\n    data = request.json\n    apt_id = data.get("id")\n    status = data.get("status") # "Confirmed" or "Rejected"\n\n    for apt in appointments:\n        if apt["id"] == apt_id:\n            apt["status"] = status\n            return jsonify({"message": f"Appointment {status}"}), 200\n\n    return jsonify({"message": "Not Found"}), 404\n\n# Patient status check cheskovaniki (Polling)\n\n@app.route('/api/status/<int:apt_id>', methods=['GET'])\n\ndef check_status(apt_id):\n    for apt in appointments:\n        if apt["id"] == apt_id:\n            return jsonify({"status": apt["status"]})\n\n    return jsonify({"status": "Not Found"}), 404
```

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if __name__ == '__main__':
    app.run(debug=True)
```