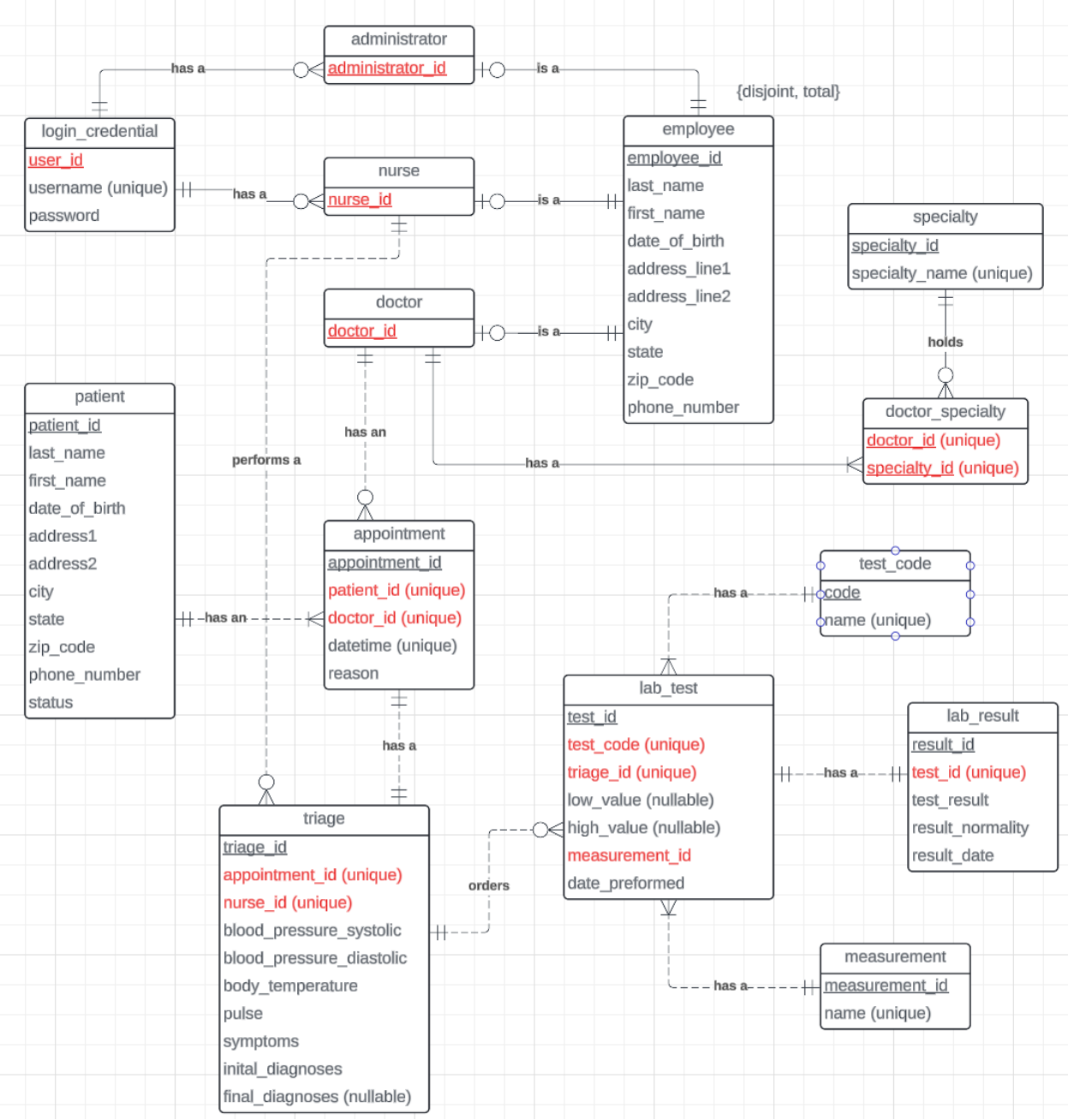

Assumptions:

The system saves which nurse did the patient's triage

All records are from within the US and the system do not support another countries

A triage cannot happen without an appointment

When the nurse schedules an appointment, a doctor has to be assigned

There may be no doctor with a specific specialty

A patient will have at least one appointment in the system

A doctor may not have an appointment in the system (ex: if they are new)

A nurse may not have perform a triage in the system (ex: if they are new)

login_credential(user_id, username (unique), password)

employee(employee_id, last_name, first_name, date of birth, address, phone_number)

administrator (administrator_id)

doctor(doctor_id)

nurse(nurse_id)

patient (patient_id, last_name, first_name, date of birth, address, phone_number, status)

doctor_specialty(doctor_id, specialty_id)

specialty(specialty_id, specialty_name (unique))

appointment(appointment_id, patient_id (unique), doctor_id (unique), datetime, reason)

triage(triage_id, appointment_id (unique), nurse_id (unique), bp_systolic, bp_diastolic, body_temp, pulse, symptoms)

lab_test(test_id, test_code (unique) triage_id (unique), low_value, high_value, measurement_id (unique), date_performed)

lab_result(result_id, test_id (unique), result, result_date, normality)

test_code(code, name (unique))

measurement(measurement _id, name (unique))

*Words highlighted in red are unique *together* on the relational schema. (Part two not the diagram)