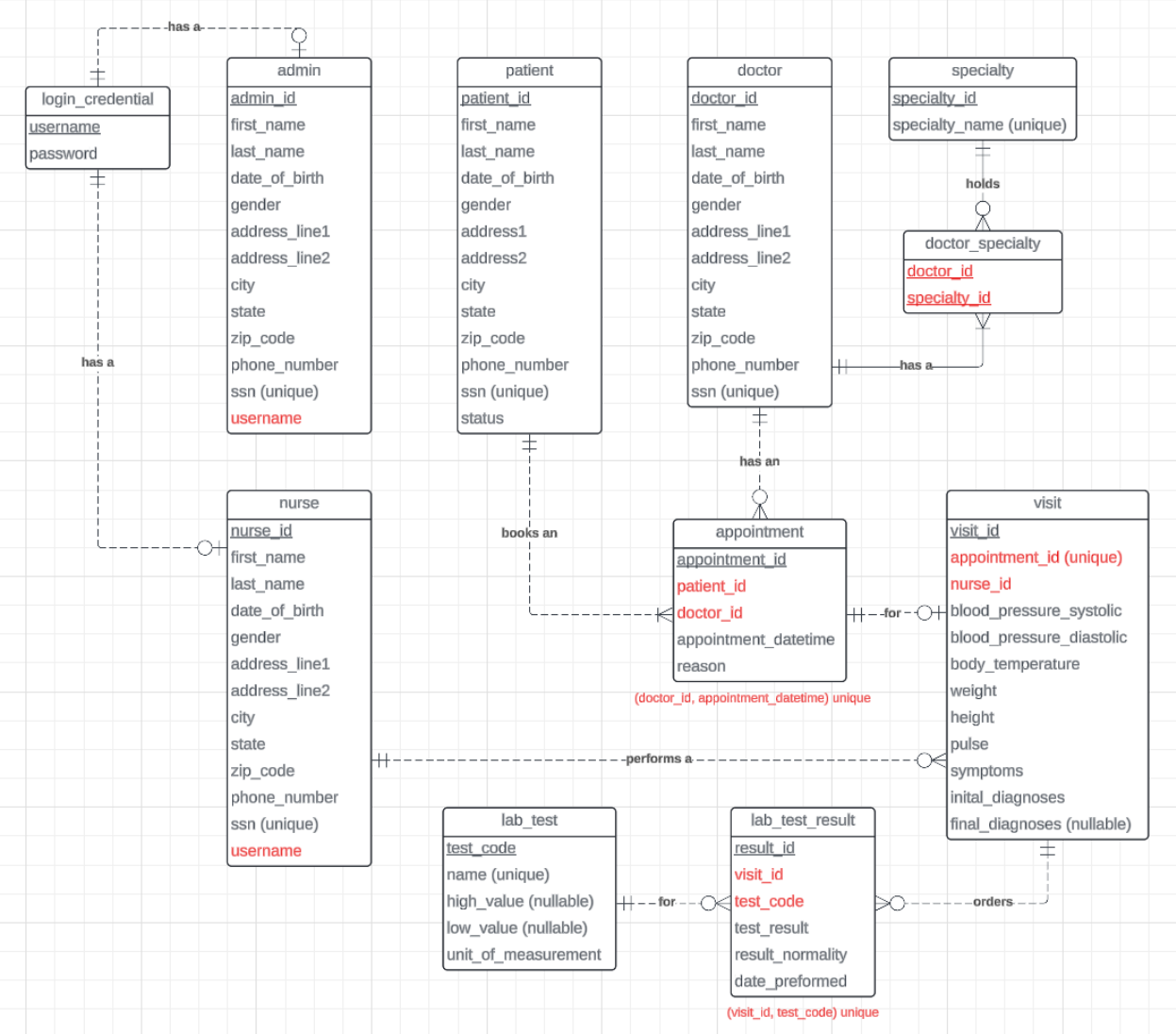
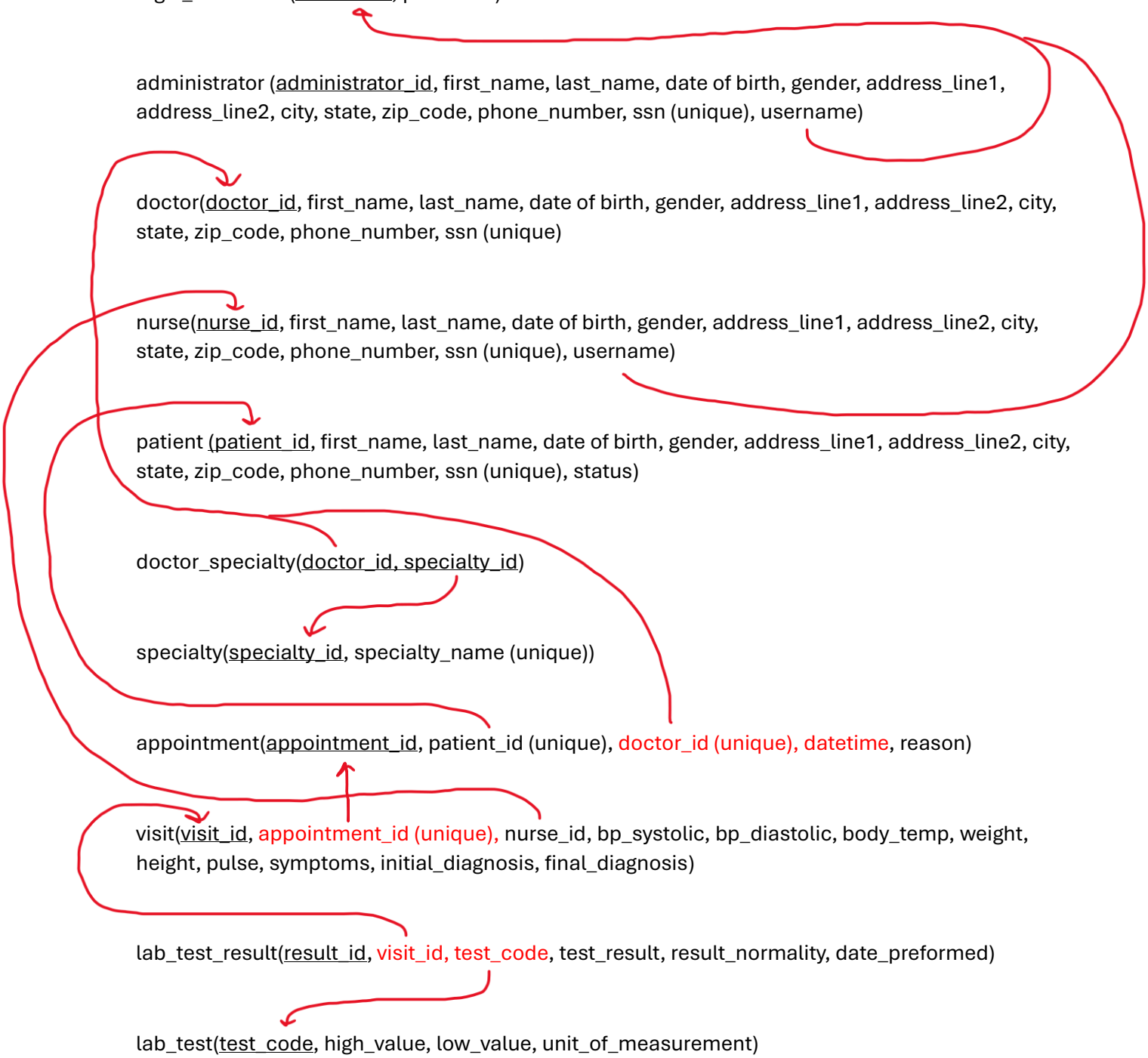


Assumptions:
The system saves which nurse did the patient's triage
All records are from within the US and the system do not support another countries
A triage cannot happen without an appointment
When the nurse schedules an appointment, a doctor has to be assigned
There may be no doctor with a specific 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(username, password)

administrator (administrator_id, first_name, last_name, date of birth, gender, address_line1, address_line2, city, state, zip_code, phone_number, ssn (unique), username)

doctor(doctor_id, first_name, last_name, date of birth, gender, address_line1, address_line2, city, state, zip_code, phone_number, ssn (unique)

nurse(nurse_id, first_name, last_name, date of birth, gender, address_line1, address_line2, city, state, zip_code, phone_number, ssn (unique), username)

patient (patient_id, first_name, last_name, date of birth, gender, address_line1, address_line2, city, state, zip_code, phone_number, ssn (unique), status)

doctor_specialty(doctor_id, specialty_id)

specialty(specialty_id, specialty_name (unique))

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

visit(visit_id, appointment_id (unique), nurse_id, bp_systolic, bp_diastolic, body_temp, weight, height, pulse, symptoms, initial_diagnosis, final_diagnosis)

lab_test_result(result_id, visit_id, test_code, test_result, result_normality, date_preformed)

lab_test(test_code, high_value, low_value, unit_of_measurement)

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