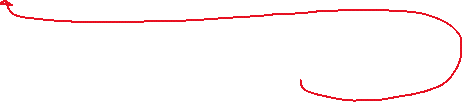
A diagram of a computer

Description automatically generated

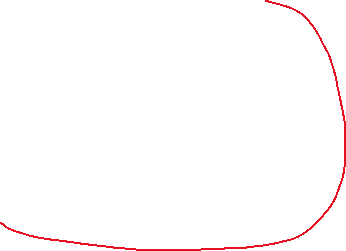
Assumptions:  
The system saves which nurse did the patient's triage  
All records are from within the US and the system do not support another countries  
A triage cannot happen without an appointment  
When the nurse schedules an appointment, a doctor has to be assigned  
There may be no doctor with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

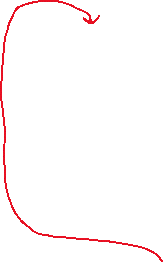
administrator (administrator\_id, first\_name, last\_name, date of birth, gender, address\_line1, address\_line2, city, state, zip\_code, phone\_number, ssn (unique), username)



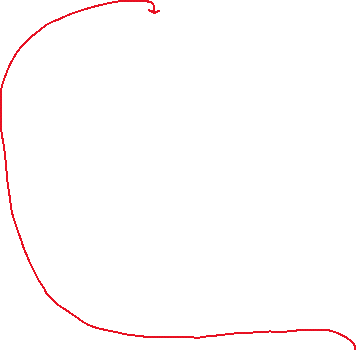
doctor(doctor\_id, first\_name, last\_name, date of birth, gender, address\_line1, address\_line2, city, state, zip\_code, phone\_number, ssn (unique)



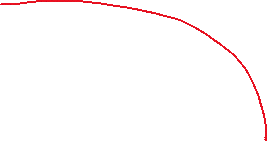
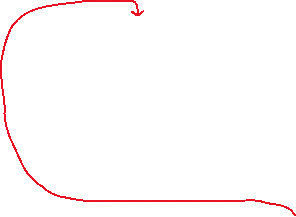
nurse(nurse\_id, first\_name, last\_name, date of birth, gender, address\_line1, address\_line2, city, state, zip\_code, phone\_number, ssn (unique), username)



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, name (unique), high\_value, low\_value, unit\_of\_measure)

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