

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)

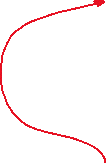
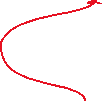
login\_credential(user\_id, username (unique), password)



employee(employee\_id, last\_name, first\_name, date of birth, address, phone\_number)

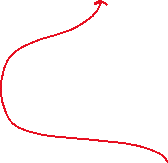


administrator (administrator\_id)

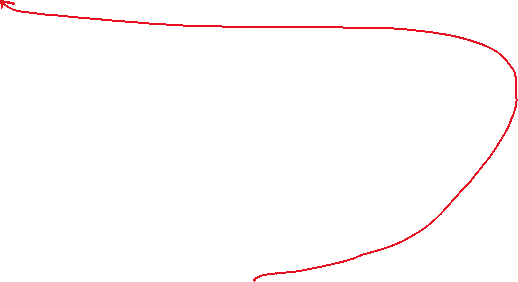


doctor(doctor\_id)

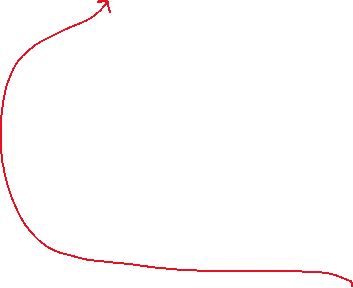
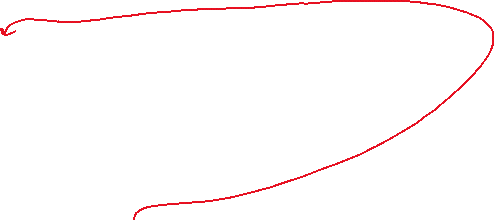
nurse(nurse\_id)



patient (patient\_id, last\_name, first\_name, date of birth, address, phone\_number, status)



doctor\_specialty(doctor\_id, specialty\_id)

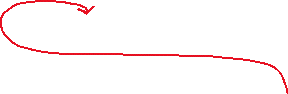


specialty(specialty\_id, specialty\_name (unique))

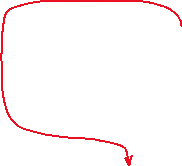
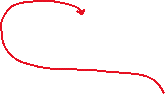
appointment(appointment\_id, patient\_id (unique), doctor\_id (unique), datetime, reason)



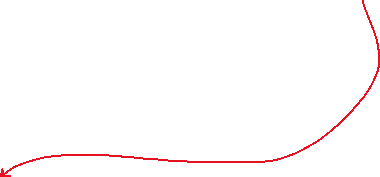
triage(triage\_id, appointment\_id (unique), nurse\_id (unique), bp\_systolic, bp\_diastolic, body\_temp, pulse, symptoms)



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)