

----- employee -----

Employee(ID, name)

Position(employee, position)

FK: (employee) \subseteq Employee(ID)

Address(employee, street, city, ZIP-code)

FK: (employee) \subseteq Employee(ID)

Boss(employee, superior)

FK: (employee) \subseteq Employee(ID)

FK: (superior) \subseteq Employee(ID)

Nurse(ID, block)

FK: (ID) \subseteq Employee(ID)

FK: (block) \subseteq Block(code)

Doctor(ID, department)

FK: (ID) \subseteq Employee(ID)

FK: (department) \subseteq Department(code)

---- department ----

Department(code, name, head)

FK: (head) \subseteq Employee(ID)

----- patient -----

Patient(ID, name, dateOfBirth, bloodType)

Phone(patient, phone)

FK: (patient) \subseteq Patient(ID)

Insurance(patient, insuranceID)

FK: (patient) \subseteq Patient(ID)

---- stay ----

Block(code, floor)

Room(block, number, type)

FK: (block) \subseteq Block(code)

Stay(patient, fromDate, toDate, block, room)

FK: (patient) \subseteq Patient(ID)

FK: (block, room) \subseteq Room(block, number)

---- examination ----

Examination(timestamp, examinationRoom, doctor, patient, nurse)

FK: (doctor) \subseteq Employee(ID)

FK: (nurse) \subseteq Employee(ID)

FK: (patient) \subseteq Patient(ID)

---- diagnosing ----

Diagnosis(code, name)

Diagnosing(patient, diagnosis, doctor, diagnosingDate)

FK: (patient) \subseteq Patient(ID)

FK: (diagnosis) \subseteq Diagnosis(code)

FK: (doctor) \subseteq Employee(ID)