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Project Proposal

For this project, I want to create a hospital database. The core entities in this database - at the moment - are doctor, nurse, patient, treatment, diagnoses, hospital_room, laboratory, and equipment. There are some transactions that I have in mind. First of them is that a hospital room can be assigned to inpatients, meaning that the availability of a hospital room can be checked and see who is in that room. Laboratories can view pending tests, and store lab results to patient medical records. Doctors can assign treatments and diagnose their current patients. Doctors and nurses can add-on/view the hospital's medical record of their current patient. Doctors can order tests in the laboratory. Nurses can check out medical equipment and schedule surgeries. This is the vision for my database project.