HOSPITAL MANAGEMENT SYSTEM ERD

doctors

id 🔑	integer
first_name	varchar
last_name	varchar
specialization	varchar

patients

id 🔑	integer
first_name	varchar
last_name	varchar
registration_status	varchar

visits

id 🔑	integer
patient_id	integer
doctor_id	integer
visit_date	timestamp
status	varchar

diagnoses

id 🔑	integer
visit_id	integer
diagnosis_text	text
created_at	timestamp

prescriptions

id 🔑	integer
visit_id	integer
medication_name	varchar
dosage	varchar
instructions	text
prescribed_at	timestamp

procedures

id 🔑	integer
visit_id	integer
procedure_name	varchar
procedure_date	timestamp
confirmed_by_patient	boolean

Doctor
- Visit the patient
- Examine the patient
  - «include» → Add diagnoses
  - «include» → Prescribe drugs
  - «include» → Schedule medical procedure
- Report the patient condition
- Discharge the patient

Patient
- Register
- Unregister
- Confirm the medical procedure
- Apply for discharge