

Patients + id: int(Primary key) + first name: char(30) **Admissions** + last name: char(30) + id: int(Primary Key) + date of birth: DateTime + department: F.K(Departments) + contact number: char(17) + patient: F.K(Patients) + email: emailField + bed: F.K(Beds) + address: char(200) + created at: DateTimeField + insurance provider: char(200) + insurance policy number: int + get all admissions(): list + get_all_prescriptions(): list + get_all_lab_tests(): list + get all invoices(): list + get all payments(): list Beds **Departments** + id: int(Primary Key) + id: int(Primary Key) + department: F.K(Departments) + bed number: int + name: char(100) + availability: choice(available, occupied) + head doctor: F.K(Doctors) + specializations: MTM(Specializations) + get all admissions(): list + created at: DateField + get all beds(): list + get_all_admissions(): list

Invoices

- + id: int(Primary Key)
- + patient: F.K(Patients)
- + invoice date: DateTime
- + total amount: DecimalField
- + description: Text
- + get_all_payments(): list

Payments

- + id: int(Primary Key)
- + invoice: F.K(Invoices)
- + payed at: DateTime
- + amount: DecimalField