## **Specializations** + id: int(Primary Key) + name: char(50) + created at: DateTime **Appointments** + id: int(Primary Key) **Doctors** + doctor: F.K(Doctors) + id: int(Primary key) + patient: F.K(Patients) + first\_name: char(30) + date: DateField + last name: char(30) + time: TimeField + specialization: FK(Specializations) + status: choice(scheduled, canceled, completed) + contact\_number: char(17) + email: emailField + get all lab tests(): list + address: char(200) + salary: Decimal(15, 2) Lab Tests + salary\_currency: choice('uzs', 'usd', 'eur') + id: int(Primary Key) + image: ImageField + doctor: F.K(Doctors) + is active: boolean + appointment: F.K(Appointments) + joining date: DateTime + date: DateTime + updated at: DateTime + patient: F.K(Patients) + get\_all\_admissions(): list + name: char(100) + get all prescriptions(): list + result: Text + get\_all\_lab\_tests(): list

## **Prescriptions**

- + id: int(Primary Key)
- + doctor: F.K(Doctors)
- + patient: F.K(Patients)
- + appointment: F.K(Appointments)
- + medication: char(200)
- + dosage: char(200)
- + instruction: RichTextUploadingField
- + created\_at: DateTimeField

# **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) + head doctor: OneToOne(Doctors) + availability: choice(available, occupied) + 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
- + status: Choices('pending', 'partly\_paid', 'paid')
- + total\_amount: DecimalField
- + residual amount: DecimalField
- + description: Text
- + get\_all\_payments(): list

### **Payments**

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