



Relational table specification
<b>Table name:</b> Patient
<b>Attributes</b>
Patient_no (Primary Key)
Name (varchar(100), not nullable)
Age (integer(10), not nullable)
Address (varchar(255), nullable)
Sex (varchar(10), not nullable)
Consultant_id (Foreign Key, references consultant(consultant_id), not nullable)
Room_no (Nullable Foreign Key, references room(room_no))
Ward_name (Nullable Foreign Key, references ward(ward_name))
Wardbed_no (Nullable integer(10)) — represents the bed number within the ward.

<b>Relational table specification</b>
<b>Table name:</b> Consultant
<b>Attributes</b>
Consultant_id (Primary Key, integer(10))
Name (varchar(100), not nullable)

<b>Relational table specification</b>
<b>Table name:</b> Ward
<b>Attributes</b>
Ward_name (Primary Key, varchar(50))
Bed_no (integer(10), not nullable) — refers to the bed number within the ward.
Ward_type (varchar(50), not nullable)
Sister_in_charge (integer(100), not nullable) — refers to the employee supervising the ward.

<b>Relational table specification</b>
<b>Table name:</b> Ward
<b>Attributes</b>
Room_no (Primary Key, integer(10))
Room_type (varchar(50), not nullable)

<b>Relational table specification</b>
<b>Table name:</b> Treatment
<b>Attributes</b>
Treatment_no (Primary Key, integer(10))
Description (varchar(255), not nullable)
Treatment_date (date, not nullable)

<b>Relational table specification</b>
<b>Table name:</b> Patient_Treatment
<b>Attributes</b>
Patient_no (Foreign Key, references patient(patient_no), not nullable)
Treatment_no (Foreign Key, references treatment(treatment_no), not nullable)

**Primary Key:** Composite key (patient\_no, treatment\_no)