

TABLE	ATTRIBUTE	DATA TYPE	CONSTRAINTS	DESCRIPTION
PERSONS	PERSON_ID	INT	PK, NOT NULL	Unique identifier for a person
	FNAME	VARCHAR(50)	NOT NULL	First name
	LNAME	VARCHAR(50)	NOT NULL	Last name
	ADDRESS_ID	INT	FK, NOT NULL	Foreign key to ADDRESSES table
	PHONE	VARCHAR(15)	NOT NULL	Phone number
	EMAIL	VARCHAR(100)	NULL	Email address
ADDRESSES	ADDRESS_ID	INT	PK, NOT NULL	Unique identifier for an address
	STREET_NUM	VARCHAR(10)	NOT NULL	Street number
	STREET_NAME	VARCHAR(100)	NOT NULL	Street name
	LINETWO	VARCHAR(100)	NULL	Additional address line (optional)
	CITY	VARCHAR(100)	NOT NULL	City name
	POSTAL_CODE	VARCHAR(10)	FK, NOT NULL	Foreign key to POSTAL_CODES table
PROVINCES	PROVINCE_CODE	CHAR(2)	PK, NOT NULL	Unique code for province/state
	PROVINCE_NAME	VARCHAR(100)	NOT NULL	Full name of the province/state
COUNTRIES	COUNTRY_CODE	CHAR(2)	PK, NOT NULL	Unique country code (ISO standard)
	COUNTRY_NAME	VARCHAR(100)	NOT NULL	Full country name
POSTAL_CODES	POSTAL_CODE	VARCHAR(10)	PK, NOT NULL	Postal/ZIP code
	PROVINCE_CODE	CHAR(2)	FK, NOT NULL	Foreign key to PROVINCES table
COUNTRY_PROVINCES	PROVINCE_CODE	CHAR(2)	PK, FK, NOT NULL	Foreign key to PROVINCES table
	COUNTRY_CODE	CHAR(2)	PK, FK, NOT NULL	Foreign key to COUNTRIES table
ROOMS	ROOM_NUM	VARCHAR(10)	PK, NOT NULL	Room identifier
	ROOM_TYPE	VARCHAR(50)	NOT NULL	Type of room
BEDS	BED_ID	INT	PK, NOT NULL	Unique identifier for a bed
	ROOM_NUM	VARCHAR(10)	FK, NOT NULL	Foreign key to ROOMS table
	EXTENSION	VARCHAR(10)	NULL	Bed extension identifier (optional)
PATIENTS	PATIENT_ID	INT	PK, NOT NULL	Unique identifier for a patient
	PERSON_ID	INT	FK, NOT NULL	Foreign key to PERSONS table
	HCN	VARCHAR(20)	NOT NULL	Health card number

PHYSICIANS	SEX	CHAR(1)	NOT NULL	Gender (M/F/O)
	ROOM_NUM	VARCHAR(10)	FK, NOT NULL	Foreign key to ROOMS table
	BED	INT	FK, NOT NULL	Foreign key to BEDS table
	FINANCIAL_STATUS	VARCHAR(20)	NOT NULL	Patient's financial status
	PHYSICIAN_ID	INT	PK, NOT NULL	Unique identifier for a physician
	PERSON_ID	INT	FK, NOT NULL	Foreign key to PERSONS table
	STAFF_ID	INT	FK, NOT NULL	Foreign key to STAFF table
STAFF	SPECIALTY	VARCHAR(50)	NOT NULL	Medical specialty
	STAFF_ID	INT	PK, NOT NULL	Unique identifier for a staff member
	PERSON_ID	INT	NOT NULL	Foreign key to PERSONS table
VENDOR	VENDOR_ID	INT	PK, NOT NULL	Unique identifier for a vendor
	ADDRESS_ID	INT	FK, NOT NULL	Foreign key to ADDRESSES table
	PHONE	VARCHAR(15)	NOT NULL	Vendor phone number
	EMAIL	VARCHAR(100)	NULL	Vendor email address
VENDOR_REPS	VENDOR_ID	INT	PK, FK, NOT NULL	Foreign key to VENDOR table
	PERSON_ID	INT	PK, FK, NOT NULL	Foreign key to PERSONS table
STAYS	STAY_ID	INT	PK, NOT NULL	Unique identifier for a stay
	PATIENT_ID	INT	FK, NOT NULL	Foreign key to PATIENTS table
	BED	INT	FK, NOT NULL	Foreign key to BEDS table
	DATE_ADMITTED	DATE	NOT NULL	Admission date
	DATE_DISCHARGED	DATE	NULL	Discharge date (if applicable)
PRESCRIPTIONS	PRESCRIPTION_ID	INT	PK, NOT NULL	Unique identifier for a prescription
	PHYSICIAN_ID	INT	FK, NOT NULL	Foreign key to PHYSICIANS table
	PATIENT_ID	INT	FK, NOT NULL	Foreign key to PATIENTS table
	DRUG_SKU	VARCHAR(50)	NOT NULL	Drug stock keeping unit
	DOSE	VARCHAR(20)	NOT NULL	Prescribed dosage
	QTY	INT	NOT NULL	Quantity prescribed
TREATMENTS	TREATMENT_ID	INT	PK, NOT NULL	Unique identifier for a treatment
	PATIENT_ID	INT	FK, NOT NULL	Foreign key to PATIENTS table
	PHYSICIAN_ID	INT	FK, NOT NULL	Foreign key to PHYSICIANS table

TREATMENT_PRESCRIPTIONS	DETAILS	VARCHAR(255)	NOT NULL	Description of treatment
	TREATMENT_ID	INT	PK, FK, NOT NULL	Foreign key to TREATMENTS table
	PRESCRIPTION_ID	INT	PK, FK, NOT NULL	Foreign key to PRESCRIPTIONS table
APPOINTMENTS	PHYSICIAN_ID	INT	PK, FK, NOT NULL	Foreign key to PHYSICIANS table
	PATIENT_ID	INT	PK, FK, NOT NULL	Foreign key to PATIENTS table
	DATE_TIME	DATETIME	PK, NOT NULL	Appointment date and time
APPLIED_TREATMENTS	NOTES	VARCHAR(255)	NULL	Appointment notes
	APPOINTMENT_ID	INT	PK, FK, NOT NULL	Foreign key to APPOINTMENTS table
	TREATMENT_ID	INT	PK, FK, NOT NULL	Foreign key to TREATMENTS table
LABORATORY_RESULTS	RESULTS_ID	INT	PK, NOT NULL	Unique identifier for lab results
	PATIENT_ID	INT	FK, NOT NULL	Foreign key to PATIENTS table
	PHYSICIAN_ID	INT	FK, NOT NULL	Foreign key to PHYSICIANS table
COST_CENTRES	COST_CENTRE	VARCHAR(50)	PK, NOT NULL	Unique cost center identifier
	NAME	VARCHAR(100)	NOT NULL	Cost center name
	BILLING_CODE	VARCHAR(50)	PK, NOT NULL	Unique billing code
BILLING_CODE	DESCRIPTION	VARCHAR(255)	NOT NULL	Billing code description
	COST_CENTRE	VARCHAR(50)	FK, NOT NULL	Foreign key to COST_CENTRES table
	COST	DECIMAL(10,2)	NOT NULL	Cost amount
INVOICES	INVOICE_NUM	INT	PK, NOT NULL	Unique invoice number
	PATIENT_ID	INT	FK, NOT NULL	Foreign key to PATIENTS table
	INVOICE_DATE	DATE	NOT NULL	Date of invoice
INVOICE_ITEMS	PAID	BOOLEAN	NOT NULL	Payment status
	INVOICE_NUM	INT	PK, FK, NOT NULL	Foreign key to INVOICES table
	BILLING_CODE	VARCHAR(50)	PK, FK, NOT NULL	Foreign key to BILLING_CODE table