

**3NF Relational schema**

PATIENT(**PATIENT\_ID(PK)**, PATIENT\_NAME, PATIENT\_ADDRESS, CITY\_PROV\_PC, TELEPHONE, SEX, HCN, LOCATION, EXTENSION, DATE\_ADMITTED, PATIENT\_BED\_ID, FINANCIAL\_STATUS, DISCHARGE\_DATE)

PATIENT\_REPORT(**REPORT\_ID(PK)**, **PATIENT\_ID(FK**), **PHYSICIAN\_ID(FK)**, REPORT\_DATE, DIAGNOSIS, TREATMENT, NOTE)

PHYSICIAN(**PHYSICIAN\_ID(PK)**, NAME, SPECIALITY, PHONE, EMAIL)

APPOINTMENTS(**APPOINTMENT\_ID(PK)**, **PATIENT\_ID(FK)**, **PHYSICIAN\_ID(FK)**, APPOINTMENT\_DATE, APPOINTMENT\_TYPE, APPOINTMENT\_NOTE)

BED(**ROOM\_ID(PK)**, BED\_ID, **PATIENT\_ID(FK)**, BED\_NUMBER, IS\_AVAILABLE )

COST\_CENTRE(**COST\_CENTRE\_ID(PK),** ITEM\_NAME,ITEM\_DESCRIPTION, ITEM\_COST)

INVOICE(**INVOICE\_ID(PK)**, **PATIENT\_ID(FK)**, INVOICE\_DATE, BILL\_AMOUNT, BILL\_AMOUNT\_PAID, PAYMENT\_METHOD, **COST\_CENTRE\_ID(FK)**)

PAYMENT(**PAYMENT\_ID(PK)**, **INVOICE\_ID(FK)**, PAYMENT\_DATE, AMOUNT\_PAID, BILL\_AMOUNT\_PAID, PAYMENT\_METHOD)