

## **GROUP - 16**

```
CREATE SCHEMA HEALTHCARE_MANAGEMENT;  
SET SEARCH_PATH TO HEALTHCARE_MANAGEMENT;
```

```
CREATE TABLE PERSONAL_DETAIL (  
    HEALTHCARD_ID INTEGER PRIMARY KEY,  
    BIRTH_CERTIFICATE_ID INTEGER UNIQUE NOT NULL,  
    FNAME VARCHAR(20) NOT NULL,  
    LNAME VARCHAR(20) NOT NULL,  
    FATHER_NAME VARCHAR(20) NOT NULL,  
    MOTHER_NAME VARCHAR(20) NOT NULL,  
    GENDER CHAR(1) CHECK(GENDER IN('M','F','O')),  
    DOB DATE,  
    ADDRESS_LINE1 VARCHAR(100),  
    ADDRESS_LINE2 VARCHAR(100),  
    STATE VARCHAR(20),  
    CITY VARCHAR(20),  
    PINCODE NUMERIC(6)  
);
```

```
CREATE TABLE HOSPITAL (  
    HOSPITAL_ID INTEGER PRIMARY KEY,  
    HOSPITAL_NAME VARCHAR(20),  
    CONTACT INTEGER  
);
```

```
CREATE TABLE DOCTOR_DETAIL(  
    DOCTOR_ID INTEGER PRIMARY KEY,  
    DOCTOR_NAME VARCHAR(20),  
    CONTACT INTEGER  
);
```

```
CREATE TABLE DISEASE(  
    DISEASE_ID INTEGER PRIMARY KEY,  
    DISEASE_NAME VARCHAR(20),  
    DESCRIPTION VARCHAR(100)  
);
```

```
CREATE TABLE HOSPITAL_ADDRESS(  
    HOSPITAL_ID INTEGER NOT NULL REFERENCES  
    HOSPITAL(HOSPITAL_ID) ON DELETE CASCADE ON UPDATE CASCADE,  
    ADDRESS_LINE1 VARCHAR(100),  
    ADDRESS_LINE2 VARCHAR(100),  
    STATE VARCHAR(20),  
    CITY VARCHAR(20),  
    AREA VARCHAR(20),  
    PINCODE NUMERIC(6),  
    PRIMARY KEY(HOSPITAL_ID,ADDRESS_LINE1,ADDRESS_LINE2)  
);
```

```
CREATE TABLE INSURANCE_COMPANY(  
    INSURANCE_COMPANY_ID INTEGER PRIMARY KEY,  
    COMPANY_NAME VARCHAR(20)  
);
```

```
CREATE TABLE INSURANCE_POLICY (  
    INSURANCE_POLICY_ID INTEGER PRIMARY KEY,  
    POLICY_NAME VARCHAR(20),  
    DESCRIPTION VARCHAR(100),  
    INSURANCE_COMPANY_ID INTEGER REFERENCES  
    INSURANCE_COMPANY(INSURANCE_COMPANY_ID) ON UPDATE CASCADE ON  
    DELETE CASCADE  
);
```

```
CREATE TABLE LABORATORY_DETAIL(  
    LAB_ID INTEGER PRIMARY KEY,  
    LAB_NAME VARCHAR(20),  
    CONTACT INTEGER  
);
```

```
CREATE TABLE PRIVATE_LABORATORY(  
    REPORT_ID INTEGER PRIMARY KEY,  
    PDATE DATE,  
    YEAR NUMERIC(4),  
    LAB_ID INTEGER NOT NULL REFERENCES  
    LABORATORY_DETAIL(LAB_ID) ON UPDATE CASCADE  
);
```

```
CREATE TABLE LABORATORY_ADDRESS(  
    LAB_ID INTEGER NOT NULL REFERENCES  
        LABORATORY_DETAIL(LAB_ID) ON DELETE CASCADE ON UPDATE CASCADE,  
    ADDRESS_LINE1 VARCHAR(100),  
    ADDRESS_LINE2 VARCHAR(100),  
    STATE VARCHAR(20),  
    CITY VARCHAR(20),  
    AREA VARCHAR(20),  
    PINCODE NUMERIC(6)  
    PRIMARY KEY(LAB_ID,ADDRESS_LINE1,ADDRESS_LINE2)  
);
```

```
CREATE TABLE PRIVATE_HOSPITAL_CASES(  
    CASE_ID INTEGER PRIMARY KEY,  
    CASE_REPORT VARCHAR(20),  
    MEDICAL_PRESCRIPTION VARCHAR(20),  
    DATE DATE,  
    YEAR NUMERIC(4),  
    HOSPITAL_ID INTEGER NOT NULL REFERENCES  
        HOSPITAL(HOSPITAL_ID) ON UPDATE CASCADE,  
    DOCTOR_ID INTEGER NOT NULL REFERENCES  
        DOCTOR_DETAIL(DOCTOR_ID) ON UPDATE CASCADE,  
    DISEASE_ID INTEGER NOT NULL REFERENCES DISEASE(DISEASE_ID)  
        ON UPDATE CASCADE,  
    HEALTHCARD_ID INTEGER NOT NULL REFERENCES  
        PERSONAL_DETAIL(HEALTHCARD_ID) ON UPDATE CASCADE,
```

INSURANCE\_POLICY\_ID INTEGER REFERENCES

INSURANCE\_POLICY(INSURANCE\_POLICY\_ID) ON DELETE CASCADE ON  
UPDATE CASCADE

);

CREATE TABLE HEALTH\_CARD(

HEALTHCARD\_ID INTEGER NOT NULL REFERENCES

PERSONAL\_DETAIL(HEALTHCARD\_ID) ON UPDATE CASCADE,

HOSPITAL\_ID INTEGER REFERENCES HOSPITAL(HOSPITAL\_ID) ON

UPDATE CASCADE,

INSURANCE\_POLICY\_ID INTEGER REFERENCES

INSURANCE\_POLICY(INSURANCE\_POLICY\_ID) ON DELETE CASCADE ON  
UPDATE CASCADE,

LAB\_ID INTEGER REFERENCES LABORATORY\_DETAIL(LAB\_ID) ON

UPDATE CASCADE

);