APPOINT

CREATE TABLE "APPOINT"

( "ANO" NUMBER,

"PNO" NUMBER,

"DID" NUMBER,

"ADATE" DATE,

"SLOT" VARCHAR2(20),

"ASTAT" VARCHAR2(10),

PRIMARY KEY ("ANO") ENABLE,

FOREIGN KEY ("PNO")

REFERENCES "PATIENT" ("PNO") ON DELETE CASCADE ENABLE,

FOREIGN KEY ("DID")

REFERENCES "DOCTOR" ("DID") ON DELETE CASCADE ENABLE

)

BILL

CREATE TABLE "BILL"

( "BNO" NUMBER,

"PNO" NUMBER,

"DFEE" NUMBER,

"RFEE" NUMBER,

"TAX" NUMBER,

"TOTAL" NUMBER,

"PMODE" VARCHAR2(10),

PRIMARY KEY ("BNO") ENABLE,

FOREIGN KEY ("PNO")

REFERENCES "PATIENT" ("PNO") ON DELETE SET NULL ENABLE

)

DIAGNOSIS

CREATE TABLE "DIAGNOSIS"

( "DIGNO" NUMBER,

"PNO" NUMBER,

"DID" NUMBER,

"SYMPTOMS" VARCHAR2(200),

"PRESCRIPTION" VARCHAR2(200),

"RMREQ" VARCHAR2(3),

"RMALLOT" VARCHAR2(10),

"PAYSTAT" VARCHAR2(10),

"DIGDATE" DATE,

"ANO" NUMBER,

PRIMARY KEY ("DIGNO") ENABLE,

FOREIGN KEY ("PNO")

REFERENCES "PATIENT" ("PNO") ON DELETE CASCADE ENABLE,

FOREIGN KEY ("DID")

REFERENCES "DOCTOR" ("DID") ON DELETE SET NULL ENABLE,

FOREIGN KEY ("ANO")

REFERENCES "APPOINT" ("ANO") ON DELETE SET NULL ENABLE

)

DOCTOR

CREATE TABLE "DOCTOR"

( "DID" NUMBER,

"NAME" VARCHAR2(20),

"REGNO" NUMBER,

"SEX" VARCHAR2(10),

"PHNO" NUMBER,

"AGE" NUMBER,

"DEPT" VARCHAR2(30),

PRIMARY KEY ("DID") ENABLE,

UNIQUE ("REGNO") ENABLE

)

EMERCONT

CREATE TABLE "EMERCONT"

( "PNO" NUMBER,

"NAME" VARCHAR2(20),

"RELATION" VARCHAR2(20),

"PHNO" NUMBER,

PRIMARY KEY ("PNO") ENABLE,

FOREIGN KEY ("PNO")

REFERENCES "PATIENT" ("PNO") ON DELETE CASCADE ENABLE

)

PATIENT

CREATE TABLE "PATIENT"

( "PNO" NUMBER,

"NAME" VARCHAR2(20),

"AGE" NUMBER,

"SEX" VARCHAR2(10),

"PHNO" NUMBER,

"ADHAR" NUMBER(12,0),

PRIMARY KEY ("PNO") ENABLE,

UNIQUE ("ADHAR") ENABLE

)

RALLOC

CREATE TABLE "RALLOC"

( "RANO" NUMBER,

"PNO" NUMBER,

"DIGNO" NUMBER,

"RNO" NUMBER,

"RADATE" DATE,

"NODAYS" NUMBER,

"PAYSTAT" VARCHAR2(10),

"TOTAMT" NUMBER,

PRIMARY KEY ("RANO") ENABLE,

FOREIGN KEY ("PNO")

REFERENCES "PATIENT" ("PNO") ON DELETE SET NULL ENABLE,

FOREIGN KEY ("DIGNO")

REFERENCES "DIAGNOSIS" ("DIGNO") ON DELETE SET NULL ENABLE,

FOREIGN KEY ("RNO")

REFERENCES "ROOM" ("RNO") ON DELETE CASCADE ENABLE

)

ROOM

CREATE TABLE "ROOM"

( "RNO" NUMBER,

"TYPE" VARCHAR2(20),

"COST" NUMBER,

PRIMARY KEY ("RNO") ENABLE

)

SUPALLOC

CREATE TABLE "SUPALLOC"

( "SANO" NUMBER,

"PNO" NUMBER,

"SID" NUMBER,

"SADATE" DATE,

PRIMARY KEY ("SANO") ENABLE,

FOREIGN KEY ("PNO")

REFERENCES "PATIENT" ("PNO") ON DELETE CASCADE ENABLE,

FOREIGN KEY ("SID")

REFERENCES "SUPPORT" ("SID") ON DELETE CASCADE ENABLE

)

SUPPORT

CREATE TABLE "SUPPORT"

( "SID" NUMBER,

"NAME" VARCHAR2(20),

"SEX" VARCHAR2(10),

"PHNO" NUMBER,

"AGE" NUMBER,

PRIMARY KEY ("SID") ENABLE

)

PROCEDURE

create or replace procedure bill\_proc (x in number)

as

df number;

rf number;

tax number;

tf number;

begin

select count(0)\*300

into df

from diagnosis

where pno=x

and paystat='Not Paid';

select sum(totamt)

into rf

from ralloc

where pno=x

and paystat = 'Not Paid';

tf:=df+rf;

tax:= 0.05\*tf;

tf:= tf+tax;

if(tf != 0) then

insert into bill(pno,dfee,rfee,tax,total,pmode) values(x,df,rf,tax,tf,'N/A');

end if;

commit;

end;

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ORDER OF TABLE CREATION

1. PATIENT
2. DOCTOR
3. EMERGCONT
4. APPOINT
5. DIAGNOSIS
6. ROOM
7. RALLOC
8. SUPPORT
9. SUPPALLOC
10. BILL
11. procedure