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