create or replace PACKAGE DELETE\_PACKAGE AS

PROCEDURE DELETE\_DOCTOR(doctorid in DOCTOR.D\_ID%TYPE) ;

PROCEDURE DELETE\_NURSE(nurseid in NURSE.N\_ID%TYPE) ;

PROCEDURE DELETE\_RECEPTIONIST(recid in RECEPTIONIST.R\_ID%TYPE) ;

PROCEDURE DELETE\_ROOM(roomid in ROOM.ROOM\_NO%TYPE) ;

PROCEDURE DELETE\_PATIENT(patientid IN PATIENT.P\_ID%TYPE);

END DELETE\_PACKAGE;

create or replace PACKAGE BODY DELETE\_PACKAGE AS

PROCEDURE DELETE\_DOCTOR(doctorid in DOCTOR.D\_ID%TYPE) AS

BEGIN

DELETE FROM DOCTOR WHERE D\_ID=doctorid;

IF FIND\_DOCTOR\_ID(doctorid)=TRUE THEN

DELETE FROM ATTEND\_PATIENT WHERE D\_ID=doctorid;

END IF;

END DELETE\_DOCTOR;

PROCEDURE DELETE\_NURSE(nurseid in NURSE.N\_ID%TYPE) AS

BEGIN

DELETE FROM NURSE WHERE N\_ID=nurseid;

IF FIND\_NURSE\_ID(nurseid)=TRUE THEN

DELETE FROM GOVERNS\_ROOM WHERE N\_ID=nurseid;

END IF;

END DELETE\_NURSE;

PROCEDURE DELETE\_RECEPTIONIST(recid in RECEPTIONIST.R\_ID%TYPE) AS

BEGIN

DELETE FROM RECEPTIONIST WHERE R\_ID=recid;

DELETE FROM USER\_TYPE WHERE ID=recid;

IF FIND\_RECEPTIONIST\_ID(recid)=TRUE THEN

DELETE FROM ASSIST\_PATIENT WHERE R\_ID=recid;

END IF;

END DELETE\_RECEPTIONIST;

PROCEDURE DELETE\_ROOM(roomid IN ROOM.ROOM\_NO%TYPE) AS

roomid\_assignedroom ROOM.ROOM\_NO%TYPE;

roomid\_governsroom ROOM.ROOM\_NO%TYPE;

BEGIN

DELETE FROM ROOM WHERE ROOM\_NO=roomid;

IF FIND\_ROOMNO\_ASSIGNEDROOM(roomid)=TRUE THEN

DELETE FROM ASSIGNED\_ROOM WHERE ROOM\_NO=roomid;

END IF;

IF FIND\_ROOMNO\_GOVERNSROOM(roomid)=TRUE THEN

DELETE FROM GOVERNS\_ROOM WHERE ROOM\_NO=roomid;

END IF;

END DELETE\_ROOM;

PROCEDURE DELETE\_PATIENT(patientid IN PATIENT.P\_ID%TYPE) AS

BEGIN

DELETE FROM PATIENT WHERE P\_ID=patientid;

IF FIND\_PATIENT\_ASSIGNED\_ROOM(patientid)=TRUE THEN

DELETE FROM ASSIGNED\_ROOM WHERE P\_ID=patientid;

END IF;

IF FIND\_PATIENT\_ASSIST\_PATIENT(patientid)=TRUE THEN

DELETE FROM ASSIST\_PATIENT WHERE P\_ID=patientid;

END IF;

IF FIND\_PATIENT\_ATTEND\_PATIENT(patientid)=TRUE THEN

DELETE FROM ATTEND\_PATIENT WHERE P\_ID=patientid;

END IF;

IF FIND\_PATIENT\_LOG\_PATIENT(patientid)=TRUE THEN

DELETE FROM LOG\_PATIENT WHERE PATIENT\_ID=patientid;

END IF;

END DELETE\_PATIENT;

END DELETE\_PACKAGE;

create or replace PACKAGE EDIT\_PACKAGE AS

PROCEDURE EDIT\_DOCTOR(id in DOCTOR.D\_ID%TYPE,name in DOCTOR.D\_NAME%TYPE,address in DOCTOR.D\_ADDRESS%TYPE,contact in DOCTOR.D\_CONTACT\_NO%TYPE,salary in DOCTOR.D\_SALARY%TYPE,dob in DOCTOR.D\_JOINING\_DATE%TYPE,designation in DOCTOR.D\_DESIGNATION%TYPE);

PROCEDURE EDIT\_NURSE(id in NURSE.N\_ID%TYPE,name in NURSE.N\_NAME%TYPE,address in NURSE.N\_ADDRESS%TYPE,contact in NURSE.N\_CONTACT\_NO%TYPE,salary in NURSE.N\_SALARY%TYPE,dob in NURSE.N\_JOINING\_DATE%TYPE,designation in NURSE.N\_DESIGNATION%TYPE);

PROCEDURE EDIT\_RECEPTIONIST(id in RECEPTIONIST.R\_ID%TYPE,email in RECEPTIONIST.R\_EMAIL%TYPE,name in RECEPTIONIST.R\_NAME%TYPE,address in RECEPTIONIST.R\_ADDRESS%TYPE,contact in RECEPTIONIST.R\_CONTACT\_NO%TYPE,salary in RECEPTIONIST.R\_SALARY%TYPE,dob in RECEPTIONIST.R\_JOINING\_DATE%TYPE,designation in RECEPTIONIST.R\_DESIGNATION%TYPE);

PROCEDURE EDIT\_ROOM(roomid in ROOM.ROOM\_NO%TYPE,roomtype in ROOM.ROOM\_TYPE%TYPE,roomcost IN ROOM.ROOM\_COST%TYPE);

PROCEDURE EDIT\_PATIENT(id in PATIENT.P\_ID%TYPE,name in PATIENT.P\_NAME%TYPE,contact in PATIENT.P\_CONTACT\_NO%TYPE,address in PATIENT.P\_ADDRESS%TYPE,gender in PATIENT.P\_GENDER%TYPE,dob IN PATIENT.P\_DOB%TYPE);

END EDIT\_PACKAGE;

create or replace PACKAGE BODY EDIT\_PACKAGE AS

PROCEDURE EDIT\_DOCTOR(id in DOCTOR.D\_ID%TYPE,name in DOCTOR.D\_NAME%TYPE,address in DOCTOR.D\_ADDRESS%TYPE,contact in DOCTOR.D\_CONTACT\_NO%TYPE,salary in DOCTOR.D\_SALARY%TYPE,dob in DOCTOR.D\_JOINING\_DATE%TYPE,designation in DOCTOR.D\_DESIGNATION%TYPE) AS

BEGIN

UPDATE DOCTOR SET D\_NAME=name, D\_ADDRESS=address, D\_CONTACT\_NO=contact,D\_SALARY=salary,D\_JOINING\_DATE=DOB,D\_DESIGNATION=designation WHERE D\_ID=id;

END EDIT\_DOCTOR;

PROCEDURE EDIT\_NURSE(id in NURSE.N\_ID%TYPE,name in NURSE.N\_NAME%TYPE,address in NURSE.N\_ADDRESS%TYPE,contact in NURSE.N\_CONTACT\_NO%TYPE,salary in NURSE.N\_SALARY%TYPE,dob in NURSE.N\_JOINING\_DATE%TYPE,designation in NURSE.N\_DESIGNATION%TYPE) AS

BEGIN

UPDATE NURSE SET N\_NAME=name, N\_ADDRESS=address, N\_CONTACT\_NO=contact,N\_SALARY=salary,N\_JOINING\_DATE=DOB,N\_DESIGNATION=designation WHERE N\_ID=id;

END EDIT\_NURSE;

PROCEDURE EDIT\_RECEPTIONIST(id in RECEPTIONIST.R\_ID%TYPE,email in RECEPTIONIST.R\_EMAIL%TYPE,name in RECEPTIONIST.R\_NAME%TYPE,address in RECEPTIONIST.R\_ADDRESS%TYPE,contact in RECEPTIONIST.R\_CONTACT\_NO%TYPE,salary in RECEPTIONIST.R\_SALARY%TYPE,dob in RECEPTIONIST.R\_JOINING\_DATE%TYPE,designation in RECEPTIONIST.R\_DESIGNATION%TYPE) AS

oldemail RECEPTIONIST.R\_EMAIL%TYPE;

newemail RECEPTIONIST.R\_EMAIL%TYPE;

userid USER\_TYPE.ID%TYPE:=id;

BEGIN

oldemail:=RECEPTIONIST\_EMAIL(id);

UPDATE RECEPTIONIST SET R\_NAME=name,R\_EMAIL=email, R\_ADDRESS=address, R\_CONTACT\_NO=contact,R\_SALARY=salary,R\_JOINING\_DATE=DOB,R\_DESIGNATION=designation WHERE R\_ID=id;

newemail:=RECEPTIONIST\_EMAIL(id);

IF oldemail!=newemail THEN

UPDATE USER\_TYPE SET U\_EMAIL=newemail WHERE ID=userid;

END IF;

END EDIT\_RECEPTIONIST;

PROCEDURE EDIT\_ROOM(roomid in ROOM.ROOM\_NO%TYPE,roomtype in ROOM.ROOM\_TYPE%TYPE,roomcost IN ROOM.ROOM\_COST%TYPE) AS

BEGIN

UPDATE ROOM SET ROOM\_TYPE=roomtype,ROOM\_COST=roomcost WHERE ROOM\_NO=roomid;

END EDIT\_ROOM;

PROCEDURE EDIT\_PATIENT(id in PATIENT.P\_ID%TYPE,name in PATIENT.P\_NAME%TYPE,contact in PATIENT.P\_CONTACT\_NO%TYPE,address in PATIENT.P\_ADDRESS%TYPE,gender in PATIENT.P\_GENDER%TYPE,dob IN PATIENT.P\_DOB%TYPE) AS

BEGIN

UPDATE PATIENT SET P\_NAME=name,P\_CONTACT\_NO=contact,P\_ADDRESS=address,P\_GENDER=gender,P\_DOB=dob where P\_ID=id;

END EDIT\_PATIENT;

END EDIT\_PACKAGE;