--TRIGGER

--table 16

create table log (

  querytime datetime,

  comment varchar(255)

);

--donor log

drop trigger ADD\_DONOR\_LOG;

create trigger ADD\_DONOR\_LOG

on Donor after insert

as

begin

DECLARE @insertedId INT

SELECT @insertedId = Donor\_ID from inserted

PRINT(@insertedId)

insert into log values

(getdate(), concat('Inserted new Donor: ' , @insertedId));

end

create trigger UPDATE\_DONOR\_LOG

on Donor after update

as

begin

DECLARE @insertedId INT

SELECT @insertedId = Donor\_ID from inserted

PRINT(@insertedId)

insert into log values

(getdate(), concat('Updated Donor: ' , @insertedId));

end

create trigger DELETE\_DONOR\_LOG

on Donor after delete

as

begin

DECLARE @insertedId INT

SELECT @insertedId = Donor\_ID from deleted

PRINT(@insertedId)

insert into log values

(getdate(), concat('Deleted Donor: ' , @insertedId));

end

--Patient log

create trigger ADD\_PATIENT\_LOG

on Patient after insert

as

begin

DECLARE @insertedId INT

SELECT @insertedId = Patient\_ID from inserted

PRINT(@insertedId)

insert into log values

(getdate(), concat('Inserted new Patient: ' , @insertedId));

end

drop trigger UPDATE\_PATIENT\_LOG;

create trigger UPDATE\_PATIENT\_LOG

on Patient after update

as

begin

DECLARE @insertedId INT

SELECT @insertedId = Patient\_ID from inserted

PRINT(@insertedId)

insert into log values

(getdate(), concat('Updated Patient: ' , @insertedId));

end

create trigger DELETE\_PATIENT\_LOG

on Patient after delete

as

begin

DECLARE @insertedId INT

SELECT @insertedId = Patient\_ID from deleted

PRINT(@insertedId)

insert into log values

(getdate(), concat('Deleted Patient: ' , @insertedId));

end

update Donor set reason\_of\_donation = 'change my mind' where Donor\_ID = 3

delete from Donor where Donor\_ID = 3

delete from Patient where Patient\_ID = 3

update Patient set reason\_of\_procurement = 'need it PLEASE' where Patient\_ID = 3

delete from Patient where Patient\_ID = 3

insert into Patient values

(11111,'Heart','Reason-11111',63,48);

select \* from [log]

--stored procedure

create PROCEDURE get\_donor\_from\_user

as

select \* from Donor d INNER JOIN [User] u ON d.User\_ID = u.User\_Id

Go

--stored procedure

Exec get\_donor\_from\_user

--JOIN

select Name,phone\_no from [User] u INNER JOIN User\_phone\_no p on u.User\_ID=p.User\_Id

Table

Description automatically generated