**Task 1**  
The data that should be private in the database should be mostly the members and subscribers personal information: their address (street, city, state, zip), their phone number (areacode, phoneNumber), and their IDs (memID, subID) since obviously this information is very confidential and the user certainly does not want that information to be let out to the public.

**Task 2**

create view Member as   
select memID, firstname, lastname, street, zip, areaCode, phoneNumber  
from Theater;  
GO  
  
create view Subscriber as  
select sponID, name, street, zip, areraCode, phoneNumber  
from Theater;  
GO

**Task 3**

create login userAccess with password = ‘userPassWord’;

create user userAccess for login userAccess;

grant select on Member to userAccess;

grant select on Subscriber to userAccess;

**Task 4**create login user1 with password = ‘theater1’;  
create user user1 for login user1;  
  
create login user2 with password = ‘play2’;  
create user user2 for login user2;  
  
create login user3 with password = ‘audience3’;  
create user3 for login user3;  
  
create login user4 with password = ‘stage4’  
create user4 for login user4;  
  
grant select on Production to user1;  
grant all privileges on Play to user2;  
grand select, insert on Subscriber to user3, with grant option;  
grant all privileges on Member to user4;  
  
**Task 5**create table DuesPaymentAudit(

memId INT,

duesYear INT,

paymentID INT,  
);  
  
create trigger DuesPaymentAudit on dbo.Performance  
for update  
as  
begin  
insert into DuesPaymentAudit  
values(memID, duesYear, paymentID)  
from deleted  
end;

update DuesPayment set duesYear = ‘2021’;  
select duesYear from DuesPayment;  
select \* from Performance;  
rollback;  
select datePerform from Performance;