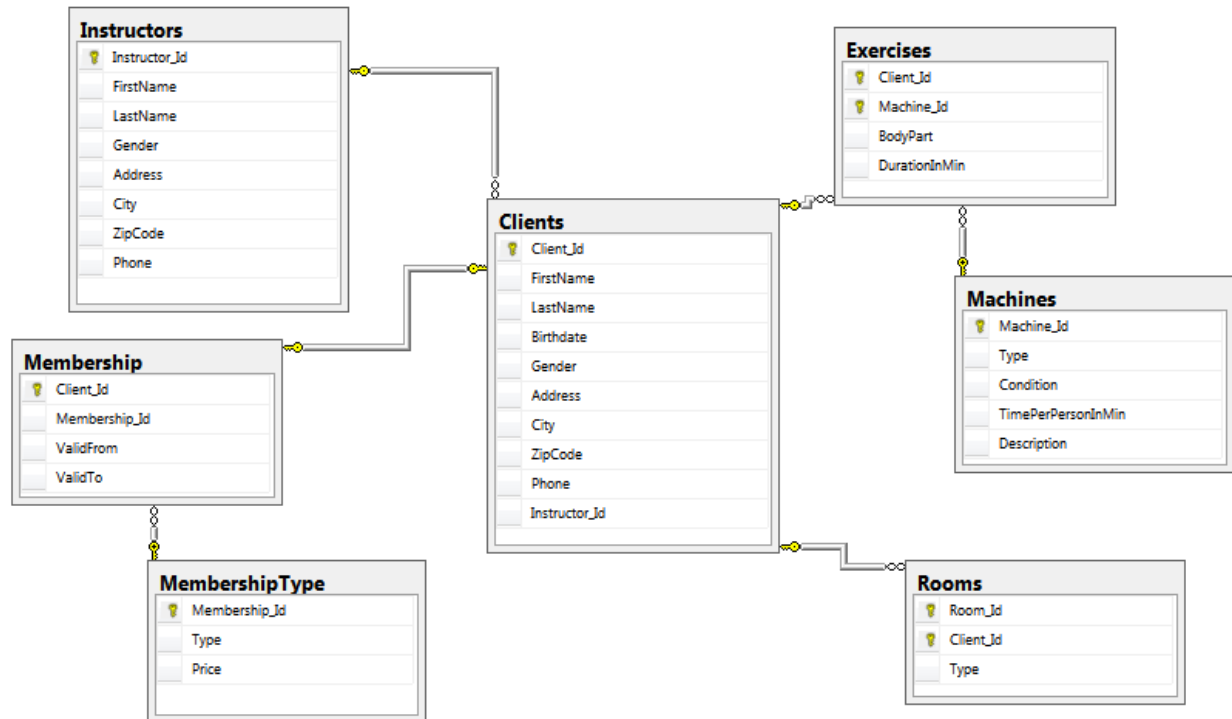


# 1.DIAGRAMI

Projekti ka 7 tabela te paraqitura si me poshte



Secili klient mund te zgjedh ndonjerin nga instruktoret qe do ti ndihmoje gjate ushtrimeve, qe dmth shume kliente mund te kene instruktorin e njejte dhe nje klient nuk mund te kete me shume se nje instruktor.

Poashtu cdo klient mund te zgjedh vetem nje tip te antaresimit qofte javor,mujor,gjysem viti apo vjetor.Shume kliente mund te kene tipin e antaresimit te njejte

Klienti mund te perdor disa nga dhomat e ushtrimeve qe i ofron fitnesi dhe poashtu nje dhome mund te kete disa kliente qe e perdorin.

Klienti mund te perdor cilendo nga makinat qe fitnesi posedon.Nje lloj i makines mund te perdoret nga disa kliente.

## 2. VIEW

<-- Krijon nje view per secilin klient per te pare llojin e Membership-it, daten nga kur eshte valide dhe deri kur eshte valide. Te dhenat jane marre nga tabelat Clients, Membership, MembershipType-->

```
create view Memberships as (  
    select c.FirstName , c.LastName ,mt.Type as MembershipType ,m.ValidFrom,m.ValidTo  
    from Clients c  
    join Membership m on c.Client_Id = m.Client_Id  
    join MembershipType mt on m.Membership_Id = mt.Membership_Id  
)
```

```
select * from Memberships
```

	FirstName	LastName	MembershipType	ValidFrom	ValidTo
1	Altin	Morina	Monthly	2019-05-23	2019-06-23
2	Zana	Gashi	Monthly	2019-05-12	2019-06-12
3	Bardha	Zogiani	Annual	2018-09-07	2019-09-07
4	Kastriot	Ramadani	Weekly	2019-06-13	2019-06-20
5	Festim	Hoda	Half-year	2019-02-10	2019-08-10
6	Suzana	Begolli	Half-year	2019-03-21	2019-03-21
7	Qëndresa	Arifaj	Annual	2018-03-12	2018-03-12
8	Gentrit	Selmani	Half-year	2018-05-10	2019-11-10
9	Redon	Kasumi	Weekly	2019-03-21	2019-03-28
10	Odesa	Topojani	Annual	2018-10-01	2018-10-01

## 3. STORED PROCEDURE

<--Kjo procedure shfaq nje numer te caktuar te rreshtave(@row) te klientave te cilet perdorin nje tip te caktuar te makines (@machine)  
p.sh klientet te cilet perdorin makinen Banch Press.  
Te dhenat jane marre nga tabelat: Exercises, Clients, Machines -->

```
Create procedure ClientUsesMachine @rows int, @machine nvarchar(50)  
as  
select top(@rows) c.Client_Id, c.FirstName, C.LastName  
from Exercises e  
join Clients c on e.Client_Id=c.Client_Id  
join Machines m on e.Machine_Id = m.Machine_Id  
where m.Type=@machine
```

```
exec B @rows=2,@machine='Banch Press'
```

	Client_Id	FirstName	LastName
1	1	Altin	Morina
2	3	Bardha	Zogiani

## 4. TRIGGER

Trigjeri i krijuar nuk lejon ndryshimin e dates deri ne te cilen vlen antaresimi

```
CREATE TRIGGER dbo.NdryshoValiditetin
on [dbo].[Membership]
for UPDATE
as
if UPDATE (ValidTo)
begin
RAISERROR('Ju nuk mund ta ndryshoni perioden e antaresimit tuaj',10,1)
rollback transaction
end
go

alter table [dbo].[Membership] enable trigger NdryshoValiditetin

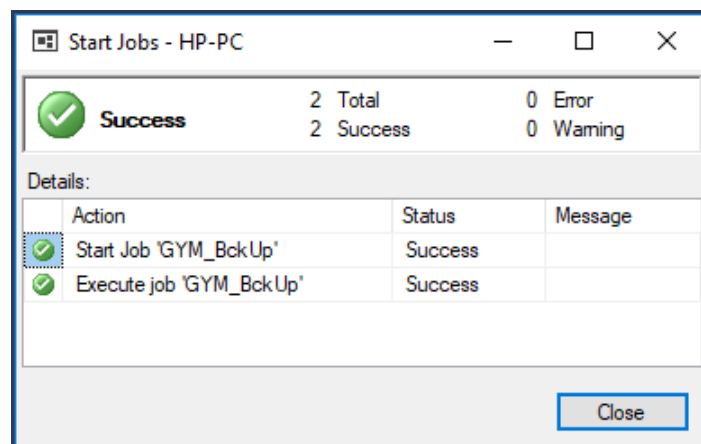
update [dbo].[Membership]
set ValidTo = '2019-07-16'
WHERE Client_Id=2
```

100 %

Messages

Ju nuk mund ta ndryshoni perioden e antaresimit tuaj  
Msg 3609, Level 16, State 1, Line 36  
The transaction ended in the trigger. The batch has been aborted.

## 5. SQL JOB



Job Step Properties - GYM\_BckUp

Select a page

- General
- Advanced

Script Help

Step name: GYM\_BckUp

Type: Transact-SQL script (T-SQL)

Run as:

Database: GYM

Command:

```
declare @myfilename varchar(1000)
select @myfilename = 'D:\BackUp\GYM_FullBAackUp_' + convert(varchar(50), getdate(), 112) + '.bak'
backup database GYM to disk = @myfilename
```

Open... Select All Copy Paste Parse

Connection

Server: HP-PC

Connection: HP-PC\HP

[View connection properties](#)

Progress

Ready

Next Previous

OK Cancel

[The job succeeded.] SQL Server Job System: 'GYM\_BckUp' completed on \\HP-PC.

Inbox x



SQL Alert <djellzeblaca@gmail.com>

12:51 AM (19 minutes ago)



to me

JOB RUN: 'GYM\_BckUp' was run on 6/18/2019 at 12:51:19 AM

DURATION: 0 hours, 0 minutes, 0 seconds

STATUS: Succeeded

MESSAGES: The job succeeded. The Job was invoked by User HP-PC\HP. The last step to run was step 1 (GYM\_BckUp).