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Grupa 334AB

**Documentatie Proiect**

# Tabelele cu constrangeri

**Table sala\_de\_fitness**{

ID\_sala int [pk] – primary key

nume nvarchar(50)

judet nvarchar(30)

oras nvarchar(30)

strada nvarchar(50)

numar\_strada nvarchar(5)

capacitate\_maxima int

stare nvarchar(10) ([Stare]='Disponibila' OR [Stare]='Ocupata') - Constraint

}

**Table angajat**{

ID\_angajat int [pk] - primary key

ID\_salafk int

nume nvarchar(50)

prenume nvarchar(50)

CNP char(13)

varsta tinyint

judet nvarchar(30)

oras nvarchar(30)

strada nvarchar(50)

numar\_strada nvarchar(5)

data\_nasterii smalldatetime

sex char(1) ([Sex]='F' OR [Sex]='M') - Constraint

salariu decimal(6,2)

rol nvarchar(20)

}

**Table client**{

ID\_client int [pk] - primary key

ID\_salafk int

ID\_angajatfk int

varsta tinyint NULL

CNP char(13)

nume nvarchar(50)

prenume nvarchar(50)

numar\_de\_telefon nvarchar(20)

email nvarchar(60)

sex char(1) ([Sex]='F' OR [Sex]='M') - Constraint

}

**Table exercitiu**{

ID\_exercitiu int pk - primary key

ID\_clientfkpk int – foreign key

ID\_echipamentfkpk int – foreign key

nume nvarchar(30)

complexitate nvarchar(5) ([Complexitate]='Usor' OR [Complexitate]='Mediu' OR [Complexitate]='Dificil') - Constraint

}

**Table echipament**{

ID\_echipament int [pk] - primary key

ID\_salafk int – foreign key

nume nvarchar(30)

stare nvarchar(6) ([Stare]='Disponibil' OR [Stare]='Ocupat') - Constraint

}

**Table exercitiu\_grupa\_musculara**{

ID\_exercitiufkpk int [pk] – primary and foreign key

ID\_grupa\_muscularafkpk int [pk] – primary and foreign key

}

**Table grupa\_musculara**{

ID\_grupa\_musculara int [pk] - primary key

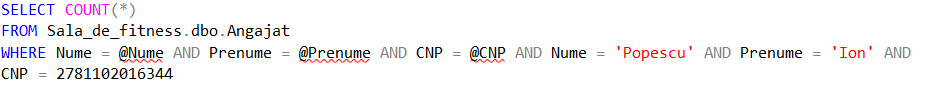
nume nvarchar(30)

zona nvarchar(30) NULL

}

# Cod SQL asociat cerintelor interogarilor din proiect

**Pagina de login:**

****

Adminul e Popescu Ion si parola e CNP-ul lui.

**Insert:**

* **Tabela Client**

****

Unde elementele cu @ sunt cele pe care le introducem in textboxurile specific.

* **Tabela Exercitiu**



**Delete:**

* **Tabela Client**

****

* **Tabela Exercitiu**

****

**Update:**

* **Tabela Client**

**A white background with black text

Description automatically generated**

* **Tabela Exercitiu**

**A close up of a math equation

Description automatically generated with medium confidence**

**Table Selection:**

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Description automatically generated

# Interogari Simple

**Numarul de client din Sala cu ID-ul 1:**

A close up of words

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**Cel mai in varsta angajat din Sala cu ID-ul 1:**

A close up of text

Description automatically generated

**Angajatii care au in intretinere client:**

**A close up of words

Description automatically generated**

**Salariul mediu al angajatilor ce lucreaza la aceeasi sala:**

**A close up of a text

Description automatically generated**

**Clientii ce lucreaza la echipamente si fac exercitii usoare:**

A close-up of a computer screen

Description automatically generated

**Numar de echipamente in sala unde lucreaza angajatul respectiv:**

Parametru variabil

A close up of a sign

Description automatically generated

# Interogari complexe

**Angajati ce au salariu mai mare decat media:**

**A close up of text

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**Numarul de angajati care sunt mai mari decat cel mai tanar angajat:**

**A screenshot of a computer code

Description automatically generated**

**Clientii ce lucreaza exercitii medii:**

**A screenshot of a computer code

Description automatically generated**

**Grupe musculare pentru un anumit clientul:**

Parametru variabil

A computer code with text

Description automatically generated with medium confidence

Tabelele:

A computer screen shot of a flowchart

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