UD2 PRÁCTICA2

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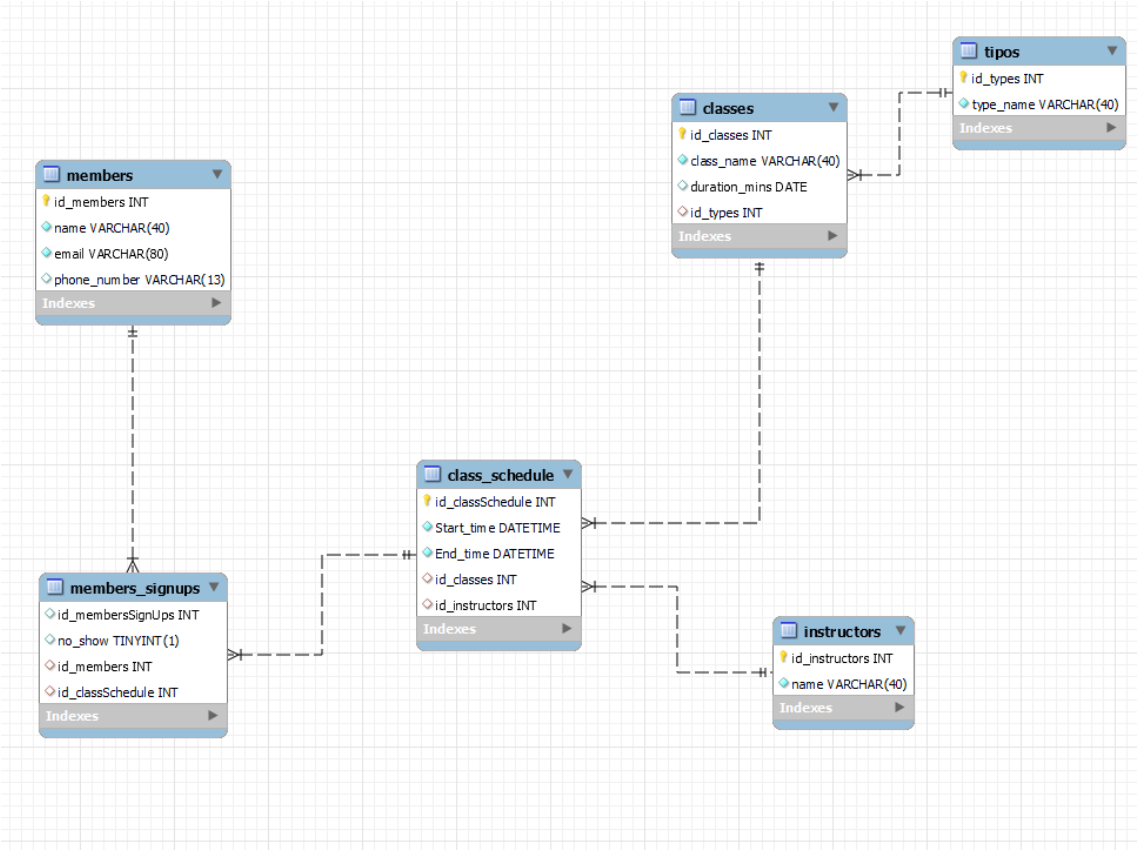
Contenido

Código SQL

```sql
DROP DATABASE actividad2;
CREATE DATABASE actividad2;
USE actividad2;

CREATE TABLE Members (
id_members INT PRIMARY KEY,
name VARCHAR (40) NOT NULL,
email VARCHAR (80) NOT NULL,
phone_number VARCHAR (13)
);

CREATE TABLE Instructors (
id_instructors INT PRIMARY KEY,
name VARCHAR (40) NOT NULL
);

CREATE TABLE Tipos (
id_types INT PRIMARY KEY,
type_name VARCHAR (40) NOT NULL
);

CREATE TABLE Classes (
id_classes INT PRIMARY KEY,
class_name VARCHAR (40) NOT NULL,
duration_mins DATE,
id_types INT,
foreign key (id_types) references Tipos (id_types)
);

CREATE TABLE Class_Schedule (
id_classSchedule INT PRIMARY KEY,
Start_time DATETIME NOT NULL,
End_time DATETIME NOT NULL,
id_classes INT,
id_instructors INT,
foreign key (id_classes) references Classes (id_classes),
foreign key (id_instructors) references Instructors (id_instructors)
);

CREATE TABLE Members_SignUps (
id_membersSignUps INT,
no_show boolean,
id_members INT,
id_classSchedule INT,
foreign key (id_members) references Members (id_members),
foreign key (id_classSchedule) references Class_Schedule (id_classSchedule)
);
```

Ingeniería inversa de la figura 1



Código SQL parte 2

```sql
DROP DATABASE actividad2;
CREATE DATABASE actividad2;
USE actividad2;

CREATE TABLE Members (
id_members INT PRIMARY KEY,
name VARCHAR (40) NOT NULL,
email VARCHAR (80) NOT NULL
);

CREATE TABLE Instructors (
id_instructors INT PRIMARY KEY,
name VARCHAR (40) NOT NULL,
surname VARCHAR (40) NOT NULL
);

CREATE TABLE Tipos (
id_types INT PRIMARY KEY,
type_name VARCHAR (40) NOT NULL
);

CREATE TABLE Classes (
id_classes INT PRIMARY KEY,
class_name VARCHAR (40) NOT NULL,
duration_mins DATE,
id_types INT,
foreign key (id_types) references Tipos (id_types)
);
```

```
CREATE TABLE Class_Schedule (
id_classSchedule INT PRIMARY KEY,
Start_time DATETIME NOT NULL,
End_time DATETIME NOT NULL,
id_classes INT,
id_instructors INT,
foreign key (id_classes) references Classes (id_classes),
foreign key (id_instructors) references Instructors (id_instructors)
);

CREATE TABLE Members_SignUps (
id_membersSignUps INT,
no_show boolean,
id_members INT,
id_classSchedule INT,
foreign key (id_members) references Members (id_members),
foreign key (id_classSchedule) references Class_Schedule (id_classSchedule)
);
```

Ingeniería inversa de la figura 1 actualizado