

VINCOLI DI INTEGRITA'

- Users:
 - ID_U int(10) UNSIGNED AUTO_INCREMENT primary key
 - Mail varchar(50) UNIQUE not null
 - Telephone char(15) UNIQUE
 - Password varchar(50) not null
- Ushubs:
 - ID_U int(10) UNSIGNED primary key foreign key
 - ID_H int(10) UNSIGNED foreign key not null
- Privates:
 - ID_U int(10) UNSIGNED AUTO_INCREMENT primary key foreign key
 - NameP varchar(50) not null
 - SurnameP varchar(50) not null
 - AccountingAddressP varchar(50) UNIQUE not null
- Enterprises:
 - ID_U int(10) UNSIGNED AUTO_INCREMENT primary key foreign key
 - VAT char(11) UNIQUE not null
 - CompanyName varchar(50) UNIQUE not null
 - AccountingAddressE varchar(50) UNIQUE not null
- Boxes:
 - ID_B int(10) UNSIGNED AUTO_INCREMENT primary key
 - Size int(5) UNSIGNED not null
 - ID_U int(10) UNSIGNED foreign key not null
 - ID_W int(10) UNSIGNED foreign key not null
- Wagons:
 - ID_W int(10) UNSIGNED AUTO_INCREMENT primary key
 - CapacityW int(5) UNSIGNED not null
 - SerialNumberW int(10)
- Trains:
 - ID_T int(10) UNSIGNED AUTO_INCREMENT primary key
 - Limit int(5) UNSIGNED not null
 - DateTimeDeparture DateTime not null
 - DateTimeArrival DateTime not null
 - DateTimeArrival > DateTimeDeparture
 - SerialNumberT int(10)
- Hubs:
 - ID_H int(10) UNSIGNED AUTO_INCREMENT primary key
 - NameH varchar(50) UNIQUE not null
 - CapacityH int(5) UNSIGNED not null
- Passes_by:
 - ID_T int(10) UNSIGNED primary key foreign key not null
 - ID_H int(10) UNSIGNED primary key foreign key not null
 - primary key(ID_H, ID_T)
 - PassageNumber int(10) Unsigned not null
- Has:
 - ID_T int(10) UNSIGNED primary key foreign key not null
 - ID_W int(10) UNSIGNED primary key foreign key not null
 - primary key(ID_W, ID_T)
 - Entra int(10) UNSIGNED not null foreign key

- Esce int(10) UNSIGNED not null foreign key