create database if not exists vovan\_internet\_shop;

use vovan\_internet\_shop;

-- ----------------------------------------------------------------------------------------------------------

-- drop database vovan\_internet\_shop; -- НЕ НАЖИМАТЬ -- ДРОПАЕТ ВСЮ БАЗУ ДАННЫХ! (пока закомменчен)

-- ----------------------------------------------------------------------------------------------------------

create table store\_employees (

id\_store\_employee int not null auto\_increment,

`name` varchar(100) not null,

`KPI` float not null,

`nummber\_sales` int,

primary key (id\_store\_employee)

);

create table clients (

id\_client int not null auto\_increment,

`name` varchar(100) not null,

`age` int not null,

`nummber\_buys` int,

`gender` varchar(7) not null,

primary key (id\_client)

);

create table value\_parameters (

id\_value\_parameter int not null auto\_increment,

`name` varchar(100) not null,

`value` float not null,

primary key (id\_value\_parameter)

);

create table parameters (

id\_parameter int not null auto\_increment,

`color` varchar(45) not null,

`power` float not null,

`material` varchar(45) not null,

`id\_value\_parameter` int not null,

primary key (id\_parameter),

foreign key (id\_value\_parameter) references value\_parameters (id\_value\_parameter)

);

create table delivery (

id\_delivery int not null auto\_increment,

`address` varchar(100) not null,

`cost` float not null,

primary key (id\_delivery)

);

create table brands (

id\_brand int not null auto\_increment,

`name` varchar(100) not null,

id\_client int not null,

primary key (id\_brand),

foreign key (id\_client) references clients (id\_client)

);

-- -------------------------------------------

create table goods (

id\_good int not null auto\_increment,

`name` varchar(45) not null,

id\_brand int not null,

id\_parameter int not null,

id\_value\_parameter int not null,

primary key (id\_good),

foreign key (id\_brand) references brands (id\_brand),

foreign key (id\_parameter) references parameters (id\_parameter),

foreign key (id\_value\_parameter) references value\_parameters (id\_value\_parameter)

);

create table feedbacks (

id\_feedback int not null auto\_increment,

`content` varchar(500) not null,

`date\_time` datetime not null,

id\_client int not null,

id\_good int not null,

primary key (id\_feedback),

foreign key (id\_client) references clients (id\_client),

foreign key (id\_good) references goods (id\_good)

);

create table stocks (

id\_stock int not null auto\_increment,

`condition` varchar(500) not null,

`name` varchar(45) not null,

id\_good int not null,

primary key (id\_stock),

foreign key (id\_good) references goods (id\_good)

);

create table orders (

id\_order int not null auto\_increment,

`cost` float not null,

id\_client int not null,

id\_delivery int not null,

id\_store\_employee int not null,

id\_good int not null,

primary key (id\_order),

foreign key (id\_client) references clients (id\_client),

foreign key (id\_delivery) references delivery (id\_delivery),

foreign key (id\_store\_employee) references store\_employees (id\_store\_employee),

foreign key (id\_good) references goods (id\_good)

);

-- ---------------------------------------------

create table goods\_to\_orders (

id\_good int not null,

id\_order int not null,

primary key (id\_good, id\_order),

foreign key (id\_good) references goods (id\_good),

foreign key (id\_order) references orders (id\_order)

);

create table parameters\_to\_value\_parameters ( -- мода на добавление свзяи многие ко многим от параметров к значениям параметров

id\_parameter int not null,

id\_value\_parameter int not null,

primary key (id\_parameter, id\_value\_parameter),

foreign key (id\_value\_parameter) references value\_parameters (id\_value\_parameter),

foreign key (id\_parameter) references parameters (id\_parameter)

);

create table goods\_to\_feedbacks (

id\_good int not null,

id\_feedback int not null,

primary key (id\_good, id\_feedback),

foreign key (id\_good) references goods (id\_good),

foreign key (id\_feedback) references feedbacks (id\_feedback)

);

create table goods\_to\_stocks (

id\_good int not null,

id\_stock int not null,

primary key (id\_good, id\_stock),

foreign key (id\_good) references goods (id\_good),

foreign key (id\_stock) references stocks (id\_stock)

);

-- ---------------------------------------------

alter table store\_employees

rename column `KPI` to `efficiency`,

rename column `nummber\_sales` to `number\_of\_sales`;

alter table stocks

rename sales,

change column `condition` `condition` varchar(400) not null,

change column `name` `name` varchar(50) not null;

alter table brands

add column `country` varchar(45) not null,

change column `name` `name` varchar(50) not null,

add column `build` varchar(45) not null, -- укажет ручная или машинная сборка

drop foreign key brands\_ibfk\_1,

drop column `id\_client`;

alter table parameters

add column `age` int not null, -- возраст пользования техникой

drop column `power`,

drop column `material`,

drop foreign key parameters\_ibfk\_1,

drop column id\_value\_parameter;

alter table clients

drop column `gender`;

-- ------------- мода на удаление связи товаров и отзывов (т.к. уже есть связь клиета с товаров и клиента с отзывом)

-- ------------- + другие моды--------------------------------------------------------------------------------------

drop table goods\_to\_feedbacks; -- убрал связь товар и отзыв

alter table goods

drop foreign key goods\_ibfk\_3, -- удаляю связь товара и значение параметра (характеристики)

drop column id\_value\_parameter;

alter table feedbacks

drop foreign key feedbacks\_ibfk\_2, -- удаляю свзяь отзыва и товара

drop column id\_good;

alter table sales

drop foreign key sales\_ibfk\_1, -- удалил лишнюю свзязь скидки с товаром (уже имеется многие ко многим)

drop column id\_good;

-- ------------------------------------------------------------------------------------------------------------------

-- ---------- задание параметров -----------------------------------------------------------------------------------

insert into brands value (1, 'LG', 'ручная сборка', 'Германия');

insert into clients value (2, 'Арарат', 19, 3);

insert into delivery value (3, 'ул. Хользунова 15а', 50);

insert into store\_employees value (9, 'Валя', 0.89, 1293);

insert into value\_parameters value (10, 'мощность', 100);

insert into parameters value (7, 'черный', 10, 18);

insert into goods value (5, 'электрический чайник', 1, 7);

insert into feedbacks value (4, 'Хороший магазин!', 20220301191722, 2);

insert into orders value (6, 319, 2, 3, 9, 5);

insert into sales value (8, 'Trade-In старого чайника', 'Великий обмен', 5);

insert into goods\_to\_orders value (5, 6);

insert into goods\_to\_stocks value (5, 8);

insert into parameters\_to\_value\_parameters value (7, 10);

Скрины заполнений БД одногруппника: