criação do banco de dados via MySQL Workbench

github https://github.com/wellingtonb3/ecommerce-ifood

```
create database ecommerce1;
use ecommerce1;

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

-- criar tabela cliente
create table clients(
	idClient int auto_increment primary key,
	type_client ENUM('Pessoa Física', 'Pessoa Jurídica') not null,
	cpf char(11),
	fname varchar(10),
	minit char(3),
	lname varchar(20),
	cnpj char(14),
	businessname varchar(255),
	address varchar(30),
	phone_number varchar(11) not null,
	constraint unique_cpf_client unique (cpf),
	constraint unique_cnpj_client unique (cnpj)
);

alter table clients auto_increment = 1;

desc clients;


-----------------------------------------------------------------------
```

```
-- criar tabela produto
create table product(
                    idProduct int auto_increment primary key,
                    pname varchar (10) not null,
                    category enum("Eletrônicos","Vestuario","Brinquedos","Alimentos","Móveis")
not null,
                    for_kids bool default false,
                    review float default 0,
                    dimensions varchar(10)
);

alter table product auto_increment = 1;

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

-- criar tabela pedido

 create table orders(
                    idOrder int auto_increment primary key,
                    idOrderClient int,
                    orderstatus ENUM("Cancelado", "Confirmado", "Em processamento") default
"Em processamento",
                    orderdescription varchar(255),
                    freight float default 10,
                    delivery ENUM ('Em preparação','Enviado', 'Entregue', 'Extraviado') default
"Em preparação",
                     delivery_number varchar(20),
                    constraint fk_orders_client foreign key (idOrderClient) references
clients(idClient)
);
alter table orders auto_increment = 1;
desc orders;
```

```
-----------------------------------------------------------------------

-- criar tabela estoque

 create table productstock(
                        idProdStock int auto_increment primary key,
                        stocklocation varchar(255),
                        quantity int default 0
);

alter table productstock auto_increment = 1;



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



-- criar tabela fornecedor
create table supplier(
                        idSupplier int auto_increment primary key,
                        businessname varchar(255) not null,
                        cnpj char(15) not null,
                        phone_number varchar(11) not null,
                       constraint unique_supplier unique (cnpj)
);
alter table supplier auto_increment = 1;
desc supplier;



-----------------------------------------------------------------------
```

```
-- criar tabela vendedor CNPJ
create table seller(
	idSeller int auto_increment primary key,
	businessname varchar(255) not null,
	companyname varchar(255) not null,
	address varchar(255),
			cnpj char(15),
	cpf char(9),
	contact char(11) not null,
	constraint unique_cnpj_seller unique (cnpj),
	constraint unique_cpf_seller unique (cpf)
);

alter table seller auto_increment = 1;
```

```
-- criar tabela produtos_vendedor
   create table product_seller(
   idPseller int,
   idProduct int,
   prodquantity int default 1,
   primary key (idPseller, idProduct),
   constraint fk_product_seller foreign key (idPseller) references seller (idSeller),
   constraint fk_product_product foreign key (idProduct) references product (idProduct)
);

desc product_seller;
```

```
-----------------------------------------------------------------------

-- criar tabela Produto/pedido

   create table productorder(

   idPOproduct int,

   idPOorder int,

   poquantity int default 1,

   postatus enum ("Disponível","Sem estoque") default "Disponível",

   primary key (idPOproduct, idPOorder),

   constraint fk_productorder_seller foreign key (idPOproduct) references product(idProduct),

   constraint fk_productorder_product foreign key (idPOorder) references orders(idOrder)

);



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



-- criar tabela Localização do Estoque

create table stocklocation(

   idLproduct int,

   idLstock int,

   location varchar(255) not null,

   primary key (idLproduct, idLstock),

   constraint fk_stock_location_product foreign key (idLproduct) references
product(idProduct),

   constraint fk_stock_location_stock foreign key (idLstock) references
productStock(idProdStock)

   );



-----------------------------------------------------------------------
```

```
-- criar tabela Produto Fornecedor
create table productsupplier(
   idPsSupplier int,
   idPsProduct int,
   quantity int not null,
   primary key (idPsSupplier, idPsProduct),
   constraint fk_product_supplier_supplier foreign key (idPsSupplier) references supplier(idSupplier),
   constraint fk_product_supplier_product foreign key (idPsProduct) references product (idProduct)
   );
desc productsupplier;
--------------------------------------------------------------------------------
-- criar tabela Pagamento
create table payment(
   idPayment int auto_increment primary key,
   idOPayment int,
   total_value decimal(10,2) not null,
   payment_date date not null,
   type_payment enum ("Boleto", "Cartão de Crédito", "Dois Cartões") not null default "Cartão de Crédito",
   card_number VARCHAR(16),
   expiration_date date,
   security_code varchar(3),
   bank_slipcode varchar(20),
   constraint fk_order_payment foreign key (idOPayment) references orders (idOrder),
   constraint fk_client_payment foreign key (idPayment) references clients (idClient)
);
alter table payment auto_increment = 1;
desc payment;
```

Comandos importantes

```
-- show tables;

-- show databases;

-- use information_schema;

-- show tables;

-- desc table_constraints;

-- desc referential_constraints;

-- select * from referential_constraints;

-- select * from referential_constraints where constraint_schema = 'ecommerce1';
```