Avaliação SQL – Ciro Guilherme Nass - BCC 2 – Banco de Dados

Criação de tabelas:

CREATE TABLE clientes(

codigo SERIAL,

nome VARCHAR(255),

telefone INT,

limite\_compra REAL,

PRIMARY KEY(codigo))

CREATE TABLE pedidos(

codigo SERIAL,

cod\_cli INT,

data\_pedido DATE,

valor REAL,

PRIMARY KEY(codigo),

FOREIGN KEY(cod\_cli) REFERENCES clientes(codigo))

CREATE TABLE itens(

codigo\_pedido INT,

cod\_item SERIAL,

qnt INT,

subtotal INT,

PRIMARY KEY(cod\_item),

FOREIGN KEY(codigo\_pedido) REFERENCES pedidos(codigo))

CREATE TABLE voucher\_desconto (

codigo SERIAL,

cod\_cli INT REFERENCES clientes(codigo),

valor\_desconto REAL,

PRIMARY KEY(codigo))

Testando o código:

INSERT INTO clientes (codigo,nome,telefone,limite\_compra) VALUES (

‘200’,

‘luis’,

‘222’,

‘50’

); SELECT \* FROM clientes;

INSERT INTO clientes (codigo,nome,telefone,limite\_compra) VALUES (

‘200’,

‘caio’,

‘333’,

‘100’

); SELECT \* FROM clientes;

ERRO: db error: ERROR: duplicate key value violates unique constraint "clientes\_pkey" DETAIL: Key (codigo)=(200) already exists.

INSERT INTO clientes (codigo,nome,telefone,limite\_compra) VALUES (

‘150’,

‘marlon’,

‘333’,

‘100’

); SELECT \* FROM clientes;

INSERT INTO pedidos (codigo,cod\_cli,data\_pedido,valor) VALUES (

‘1500’,

‘190’,

‘01/01/23’,

‘600’

); SELECT \* FROM pedidos;

ERRO: db error: ERROR: insert or update on table "pedidos" violates foreign key constraint "pedidos\_cod\_cli\_fkey" DETAIL: Key (cod\_cli)=(190) is not present in table "clientes".

INSERT INTO pedidos (codigo,cod\_cli,data\_pedido,valor) VALUES (

‘566’,

‘200’,

‘01/01/23’,

‘50’

); SELECT \* FROM pedidos;

INSERT INTO itens (codigo\_pedido,cod\_item,qnt,subtotal) VALUES (

‘82’,

‘270’,

‘2’,

‘120’

); SELECT \* FROM itens;

ERRO: db error: ERROR: insert or update on table "itens" violates foreign key constraint "itens\_codigo\_pedido\_fkey" DETAIL: Key (codigo\_pedido)=(82) is not present in table "pedidos".

INSERT INTO itens (codigo\_pedido,cod\_item,qnt,subtotal) VALUES (

‘456’,

‘123’,

‘3’,

‘150’

); SELECT \* FROM itens;

INSERT INTO voucher\_desconto (codigo,cod\_cli,valor\_desconto) VALUES (

‘300’,

‘784’,

‘60’

); SELECT \* FROM voucher\_desconto;

ERRO: db error: ERROR: insert or update on table "voucher\_desconto" violates foreign key constraint "voucher\_desconto\_cod\_cli\_fkey" DETAIL: Key (cod\_cli)=(784) is not present in table "clientes".

INSERT INTO voucher\_desconto (codigo,cod\_cli,valor\_desconto) VALUES (

‘456’,

‘200’,

‘90’

); SELECT \* FROM voucher\_desconto;

INSERT INTO voucher\_desconto (codigo,cod\_cli,valor\_desconto) VALUES (

‘456’,

‘150’,

‘30’

); SELECT \* FROM voucher\_desconto;

ERRO: db error: ERROR: duplicate key value violates unique constraint "voucher\_desconto\_pkey" DETAIL: Key (codigo)=(456) already exists.