

Criação das tabelas e index no Banco de dados

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CREATE TABLE "Cupcakes" (  
    "Id" INTEGER NOT NULL CONSTRAINT "PK_Cupcakes" PRIMARY KEY  
    AUTOINCREMENT,  
    "Nome" TEXT NOT NULL,  
    "Descricao" TEXT NOT NULL,  
    "Valor" decimal(18,2) NOT NULL,  
    "FotoUrl" TEXT NOT NULL,  
    "Ativo" INTEGER NOT NULL  
)  
  
CREATE TABLE "ItensPedido" (  
    "Id" INTEGER NOT NULL CONSTRAINT "PK_ItensPedido" PRIMARY KEY  
    AUTOINCREMENT,  
    "Pedidold" INTEGER NOT NULL,  
    "Cupcakeld" INTEGER NOT NULL,  
    "Quantidade" INTEGER NOT NULL,  
    "PrecoUnitario" decimal(18,2) NOT NULL,  
    CONSTRAINT "FK_ItensPedido_Cupcakes_Cupcakeld" FOREIGN KEY  
    ("Cupcakeld") REFERENCES "Cupcakes" ("Id") ON DELETE CASCADE,  
    CONSTRAINT "FK_ItensPedido_Pedidos_Pedidold" FOREIGN KEY ("Pedidold")  
    REFERENCES "Pedidos" ("Id") ON DELETE CASCADE  
)  
  
CREATE TABLE "Pedidos" (  
    "Id" INTEGER NOT NULL CONSTRAINT "PK_Pedidos" PRIMARY KEY  
    AUTOINCREMENT,  
    "Clienteld" INTEGER NOT NULL,  
    "EntregadorId" INTEGER NULL,  
    "DataPedido" TEXT NOT NULL,  
    "Status" TEXT NOT NULL,
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"ValorTotal" decimal(18,2) NOT NULL,

"FormaPagamento" TEXT NOT NULL,

CONSTRAINT "FK_Pedidos_Usuarios_ClienteId" FOREIGN KEY ("ClienteId")
REFERENCES "Usuarios" ("Id") ON DELETE RESTRICT,

CONSTRAINT "FK_Pedidos_Usuarios_EntregadorId" FOREIGN KEY
("EntregadorId") REFERENCES "Usuarios" ("Id") ON DELETE RESTRICT
)

CREATE TABLE "Usuarios" (

    "Id" INTEGER NOT NULL CONSTRAINT "PK_Usuarios" PRIMARY KEY
    AUTOINCREMENT,

    "Nome" TEXT NOT NULL,

    "Email" TEXT NOT NULL,

    "Telefone" TEXT NOT NULL,

    "Endereco" TEXT NOT NULL,

    "Funcao" TEXT NOT NULL,

    "SenhaHash" TEXT NOT NULL

)

CREATE INDEX "IX_ItensPedido_CupcakeId" ON "ItensPedido" ("CupcakeId")

CREATE INDEX "IX_ItensPedido_PedidoId" ON "ItensPedido" ("PedidoId")

CREATE INDEX "IX_Pedidos_ClienteId" ON "Pedidos" ("ClienteId")

CREATE INDEX "IX_Pedidos_EntregadorId" ON "Pedidos" ("EntregadorId")

CREATE UNIQUE INDEX "IX_Usuarios_Email" ON "Usuarios" ("Email")

```