

Curso Superior de Desenvolvimento de Software Multiplataforma

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**Projeto Interdisciplinar II**

Script de Criação do Banco de dados

**Sangue Solidário**

Votorantim

Junho, 2025

# 1 - Script de Criação do Banco de Dados

-- Criar o banco de dados

CREATE DATABASE SangueSolidario;

GO

USE SangueSolidario;

GO

-- Criar a tabela "user"

CREATE TABLE [user] (

id UNIQUEIDENTIFIER DEFAULT NEWID() PRIMARY KEY,

email VARCHAR(100) NOT NULL UNIQUE,

person\_type VARCHAR(15),

uf VARCHAR(3) NOT NULL,

password VARCHAR(64) NOT NULL,

name VARCHAR(100) NOT NULL,

address VARCHAR(200),

city VARCHAR(50),

zipcode VARCHAR(8)

);

GO

-- Criar a tabela requests

CREATE TABLE requests (

id UNIQUEIDENTIFIER DEFAULT NEWID() PRIMARY KEY,

status VARCHAR(20) DEFAULT 'pendente',

title VARCHAR(30),

description VARCHAR(300),

address VARCHAR(60),

date DATE,

fk\_user\_id UNIQUEIDENTIFIER NOT NULL,

FOREIGN KEY (fk\_user\_id) REFERENCES [user](id) ON DELETE CASCADE

);

GO

-- Criar a tabela donor

CREATE TABLE donor (

id UNIQUEIDENTIFIER DEFAULT NEWID() PRIMARY KEY,

cpf VARCHAR(14),

blood\_type VARCHAR(4),

birth\_date DATE,

fk\_user\_id UNIQUEIDENTIFIER NOT NULL UNIQUE,

FOREIGN KEY (fk\_user\_id) REFERENCES [user](id) ON DELETE CASCADE

);

GO

-- Criar a tabela company

CREATE TABLE company (

id UNIQUEIDENTIFIER DEFAULT NEWID() PRIMARY KEY,

cnpj VARCHAR(18) NOT NULL UNIQUE,

institution\_name VARCHAR(100) NOT NULL,

cnes VARCHAR(15) NOT NULL,

fk\_user\_id UNIQUEIDENTIFIER NOT NULL UNIQUE,

FOREIGN KEY (fk\_user\_id) REFERENCES [user](id) ON DELETE CASCADE

);

GO

-- Criar a tabela event

CREATE TABLE event (

id UNIQUEIDENTIFIER DEFAULT NEWID() PRIMARY KEY,

title VARCHAR(100) NOT NULL,

message VARCHAR(300) NOT NULL,

localization VARCHAR(100) NOT NULL,

start\_date DATE NOT NULL,

finish\_date DATE NOT NULL,

fk\_company\_id UNIQUEIDENTIFIER NOT NULL,

FOREIGN KEY (fk\_company\_id) REFERENCES company(id) ON DELETE CASCADE

);

GO

-- Criar a tabela blog

CREATE TABLE blog (

id UNIQUEIDENTIFIER DEFAULT NEWID() PRIMARY KEY,

title VARCHAR(100) NOT NULL,

subtitle VARCHAR(100),

content VARCHAR(MAX) NOT NULL,

created\_at DATE,

updated\_at DATE,

fk\_company\_id UNIQUEIDENTIFIER NOT NULL,

FOREIGN KEY (fk\_company\_id) REFERENCES company(id) ON DELETE CASCADE

);

GO

--Criar a tabela donation

CREATE TABLE donation (

id UNIQUEIDENTIFIER DEFAULT NEWID() PRIMARY KEY,

status VARCHAR(20) NOT NULL,

start\_date DATE NOT NULL,

finish\_date DATE,

fk\_donor\_id UNIQUEIDENTIFIER NOT NULL,

fk\_requests\_id UNIQUEIDENTIFIER NOT NULL,

CONSTRAINT fk\_donation\_donor FOREIGN KEY (fk\_donor\_id) REFERENCES donor(id),

CONSTRAINT fk\_donation\_request FOREIGN KEY (fk\_requests\_id) REFERENCES requests(id)

);

GO