CREATE DATABASE INTER;

USE INTER;

CREATE TABLE PES\_PESSOAS(

PES\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

PES\_NOME VARCHAR(50) NOT NULL,

PES\_EMAIL VARCHAR(50) NOT NULL,

PES\_TEL VARCHAR(13),

PES\_CEL VARCHAR(14)

);

CREATE TABLE PRO\_PROFESSOR(

PRO\_MATRICULA INT PRIMARY KEY AUTO\_INCREMENT,

PRO\_ADMINISTRADOR BOOLEAN NOT NULL,

PRO\_SENHA VARCHAR(16) NOT NULL,

PRO\_CHAVE\_SENHA VARCHAR(10),

PES\_CODIGO INT NOT NULL,

FOREIGN KEY(PES\_CODIGO) REFERENCES PES\_PESSOAS(PES\_CODIGO)

);

CREATE TABLE REQ\_REQUERIMENTO(

REQ\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

REQ\_DESCRICAO TEXT NOT NULL,

REQ\_DATA\_REQUISICAO DATETIME NOT NULL,

REQ\_DATA\_INICIAL DATETIME,

REQ\_DATA\_FINAL DATETIME,

REQ\_RESOLVIDO BOOLEAN,

PRO\_MATRICULA INT NOT NULL,

FOREIGN KEY(PRO\_MATRICULA) REFERENCES PRO\_PROFESSOR(PRO\_MATRICULA)

);

CREATE TABLE ALU\_ALUNO(

ALU\_MATRICULA INT PRIMARY KEY AUTO\_INCREMENT,

PES\_CODIGO INT NOT NULL,

FOREIGN KEY(PES\_CODIGO) REFERENCES PES\_PESSOAS(PES\_CODIGO)

);

CREATE TABLE TUR\_TURNO(

TUR\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

TUR\_NOME VARCHAR(25) NOT NULL

);

CREATE TABLE CUR\_CURSO(

CUR\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

CUR\_NOME VARCHAR(50) NOT NULL

);

CREATE TABLE TRM\_TURMA(

TRM\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

TRM\_NOME VARCHAR(50) NOT NULL,

TUR\_CODIGO INT NOT NULL,

CUR\_CODIGO INT NOT NULL,

FOREIGN KEY(TUR\_CODIGO) REFERENCES TUR\_TURNO(TUR\_CODIGO),

FOREIGN KEY(CUR\_CODIGO) REFERENCES CUR\_CURSO(CUR\_CODIGO)

);

CREATE TABLE DGE\_DISCIPLINAS\_GERAIS(

DGE\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

DGE\_NOME VARCHAR(50) NOT NULL

);

CREATE TABLE ADI\_ATRIBUICAO\_DISCIPLINA(

ADI\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

ADI\_SEMESTRE\_ANO INT NOT NULL,

ADI\_MAE BOOLEAN NOT NULL,

TRM\_CODIGO INT NOT NULL,

PRO\_MATRICULA INT NOT NULL,

DGE\_CODIGO INT NOT NULL,

FOREIGN KEY(TRM\_CODIGO) REFERENCES TRM\_TURMA(TRM\_CODIGO),

FOREIGN KEY(PRO\_MATRICULA) REFERENCES PRO\_PROFESSOR(PRO\_MATRICULA),

FOREIGN KEY(DGE\_CODIGO) REFERENCES DGE\_DISCIPLINAS\_GERAIS(DGE\_CODIGO)

);

CREATE TABLE DAL\_DISCIPLINA\_ALUNO(

ALU\_MATRICULA INT NOT NULL,

ADI\_CODIGO INT NOT NULL,

DAL\_SEMESTRE\_ANO INT NOT NULL,

CONSTRAINT DAL\_PK PRIMARY KEY(ALU\_MATRICULA,ADI\_CODIGO),

FOREIGN KEY(ALU\_MATRICULA) REFERENCES ALU\_ALUNO(ALU\_MATRICULA),

FOREIGN KEY(ADI\_CODIGO) REFERENCES ADI\_ATRIBUICAO\_DISCIPLINA(ADI\_CODIGO)

);

CREATE TABLE PRI\_PROJETO\_INTER(

PRI\_CODIGO INT NOT NULL,

PRI\_SEMESTRE\_ANO INT NOT NULL,

PRI\_DESCRICAO VARCHAR(100) NOT NULL,

PRI\_EMENTA TEXT NOT NULL,

ADI\_CODIGO INT NOT NULL,

CONSTRAINT PRI\_PK PRIMARY KEY(PRI\_CODIGO, ADI\_CODIGO),

FOREIGN KEY(ADI\_CODIGO) REFERENCES ADI\_ATRIBUICAO\_DISCIPLINA(ADI\_CODIGO)

);

CREATE TABLE GRU\_GRUPO(

GRU\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

GRU\_NOME\_PROJETO VARCHAR(80) NOT NULL,

GRU\_MEDIA DOUBLE,

GRU\_FINALIZADO BOOLEAN NOT NULL,

PRI\_CODIGO INT NOT NULL,

ADI\_CODIGO INT NOT NULL,

FOREIGN KEY(PRI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(PRI\_CODIGO),

FOREIGN KEY(ADI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(ADI\_CODIGO)

);

CREATE TABLE GAL\_GRUPO\_ALUNO(

GRU\_CODIGO INT NOT NULL,

ALU\_MATRICULA INT NOT NULL,

FOREIGN KEY(GRU\_CODIGO) REFERENCES GRU\_GRUPO(GRU\_CODIGO),

FOREIGN KEY(ALU\_MATRICULA) REFERENCES DAL\_DISCIPLINA\_ALUNO(ALU\_MATRICULA)

);

CREATE TABLE EVE\_EVENTOS(

EVE\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

EVE\_DATA DATE NOT NULL,

EVE\_TIPO VARCHAR(50) NOT NULL,

PRI\_CODIGO INT NOT NULL,

ADI\_CODIGO INT NOT NULL,

FOREIGN KEY(PRI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(PRI\_CODIGO),

FOREIGN KEY(ADI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(ADI\_CODIGO)

);

CREATE TABLE MDD\_MEDIA\_DISCIPLINA(

MDD\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

MDD\_MEDIA DOUBLE,

PRI\_CODIGO INT NOT NULL,

ADI\_CODIGO INT NOT NULL,

FOREIGN KEY(PRI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(PRI\_CODIGO),

FOREIGN KEY(ADI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(ADI\_CODIGO)

);

CREATE TABLE CGE\_CRITERIOS\_GERAIS(

CGE\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

CGE\_NOME VARCHAR(50) NOT NULL,

CGE\_DESCRICAO VARCHAR(50) NOT NULL

);

CREATE TABLE CPI\_CRITERIO\_PI(

CPI\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

CPI\_PESO INT NOT NULL,

PRI\_CODIGO INT NOT NULL,

ADI\_CODIGO INT NOT NULL,

CGE\_CODIGO INT NOT NULL,

FOREIGN KEY(PRI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(PRI\_CODIGO),

FOREIGN KEY(ADI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(ADI\_CODIGO),

FOREIGN KEY(CGE\_CODIGO) REFERENCES CGE\_CRITERIOS\_GERAIS(CGE\_CODIGO)

);

CREATE TABLE HIS\_HISTORICO\_DISCIPLINA(

HIS\_CODIGO INT PRIMARY KEY AUTO\_INCREMENT,

HIS\_NOTA DOUBLE,

CPI\_CODIGO INT NOT NULL,

ADI\_CODIGO INT NOT NULL,

ALU\_MATRICULA INT NOT NULL,

FOREIGN KEY(CPI\_CODIGO) REFERENCES CPI\_CRITERIO\_PI(CPI\_CODIGO),

FOREIGN KEY(ADI\_CODIGO) REFERENCES PRI\_PROJETO\_INTER(ADI\_CODIGO),

FOREIGN KEY(ALU\_MATRICULA) REFERENCES GAL\_GRUPO\_ALUNO(ALU\_MATRICULA)

);