-- MySQL Script generated by MySQL Workbench

-- Sat Jun 9 15:50:09 2018

-- Model: New Model Version: 1.0

-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='TRADITIONAL,ALLOW\_INVALID\_DATES';

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-- Schema db\_gerenciamentodealuno

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-- Schema db\_gerenciamentodealuno

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CREATE SCHEMA IF NOT EXISTS `db\_gerenciamentodealuno` DEFAULT CHARACTER SET utf8 ;

USE `db\_gerenciamentodealuno` ;

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-- Table `db\_gerenciamentodealuno`.`tbldepartamento`

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CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tbldepartamento` (

`idDepartamento` INT NOT NULL,

`nome` VARCHAR(45) NOT NULL,

`descricao` VARCHAR(100) NOT NULL,

PRIMARY KEY (`idDepartamento`),

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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-- Table `db\_gerenciamentodealuno`.`tblcurso`

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CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tblcurso` (

`idCurso` INT NOT NULL,

`nome` VARCHAR(45) NOT NULL,

`idDepartamento` INT NOT NULL,

PRIMARY KEY (`idCurso`, `idDepartamento`),

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC),

INDEX `fk\_tblCurso\_tblDepartamento1\_idx` (`idDepartamento` ASC),

CONSTRAINT `fk\_tblCurso\_tblDepartamento1`

FOREIGN KEY (`idDepartamento`)

REFERENCES `db\_gerenciamentodealuno`.`tbldepartamento` (`idDepartamento`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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

-- Table `db\_gerenciamentodealuno`.`tblaluno`

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CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tblaluno` (

`idAluno` INT NOT NULL AUTO\_INCREMENT,

`nome` VARCHAR(45) NOT NULL,

`rg` VARCHAR(13) NOT NULL,

`cpf` VARCHAR(14) NOT NULL,

`dataNascimento` DATE NOT NULL,

`idCurso` INT NOT NULL,

PRIMARY KEY (`idAluno`, `idCurso`),

UNIQUE INDEX `cpf\_UNIQUE` (`cpf` ASC),

INDEX `fk\_tblAluno\_tblCurso1\_idx` (`idCurso` ASC),

CONSTRAINT `fk\_tblAluno\_tblCurso1`

FOREIGN KEY (`idCurso`)

REFERENCES `db\_gerenciamentodealuno`.`tblcurso` (`idCurso`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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

-- Table `db\_gerenciamentodealuno`.`tbldisciplina`

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CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tbldisciplina` (

`idDisciplina` INT NOT NULL,

`nome` VARCHAR(45) NOT NULL,

PRIMARY KEY (`idDisciplina`),

UNIQUE INDEX `nome\_UNIQUE` (`nome` ASC))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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

-- Table `db\_gerenciamentodealuno`.`tblrequisitos`

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CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tblrequisitos` (

`idtblrequisitos` INT NOT NULL,

`requisitosDisciplina` INT NULL,

`idDisciplina` INT NOT NULL,

PRIMARY KEY (`idtblrequisitos`, `idDisciplina`),

INDEX `fk\_tblrequisitos\_tbldisciplina1\_idx` (`idDisciplina` ASC),

CONSTRAINT `fk\_tblrequisitos\_tbldisciplina1`

FOREIGN KEY (`idDisciplina`)

REFERENCES `db\_gerenciamentodealuno`.`tbldisciplina` (`idDisciplina`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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

-- Table `db\_gerenciamentodealuno`.`tblstatusad`

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

CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tblstatusad` (

`idStatusAD` INT NOT NULL AUTO\_INCREMENT COMMENT '\*final do nome da tabela |\nA - Aluno |\nD - Disciplina',

`status` ENUM('M', 'C', 'P') NULL DEFAULT NULL COMMENT 'M - Matriculado |\nC - Concluido |\nP - Pendente',

`idAluno` INT NOT NULL,

`idDisciplina` INT NOT NULL,

PRIMARY KEY (`idStatusAD`, `idAluno`, `idDisciplina`),

INDEX `fk\_tblStatusAD\_tblAluno1\_idx` (`idAluno` ASC),

INDEX `fk\_tblStatusAD\_tblDisciplina1\_idx` (`idDisciplina` ASC),

CONSTRAINT `fk\_tblStatusAD\_tblAluno1`

FOREIGN KEY (`idAluno`)

REFERENCES `db\_gerenciamentodealuno`.`tblaluno` (`idAluno`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_tblStatusAD\_tblDisciplina1`

FOREIGN KEY (`idDisciplina`)

REFERENCES `db\_gerenciamentodealuno`.`tbldisciplina` (`idDisciplina`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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

-- Table `db\_gerenciamentodealuno`.`tblstatuscd`

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

CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tblstatuscd` (

`idStatusCD` INT NOT NULL AUTO\_INCREMENT COMMENT '\*final do nome da tabela |\nC - Curso |\nD - Disciplina',

`status` ENUM('O', 'L') NULL DEFAULT NULL COMMENT 'O - Obrigatorio |\nL - Livre (OPTATIVA)',

`idDisciplina` INT NOT NULL,

`idCurso` INT NOT NULL,

PRIMARY KEY (`idStatusCD`, `idDisciplina`, `idCurso`),

INDEX `fk\_tem\_tblDisciplina1\_idx` (`idDisciplina` ASC),

INDEX `fk\_tem\_tblCurso1\_idx` (`idCurso` ASC),

CONSTRAINT `fk\_tem\_tblCurso1`

FOREIGN KEY (`idCurso`)

REFERENCES `db\_gerenciamentodealuno`.`tblcurso` (`idCurso`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_tem\_tblDisciplina1`

FOREIGN KEY (`idDisciplina`)

REFERENCES `db\_gerenciamentodealuno`.`tbldisciplina` (`idDisciplina`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

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

-- Table `db\_gerenciamentodealuno`.`tblusuario`

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CREATE TABLE IF NOT EXISTS `db\_gerenciamentodealuno`.`tblusuario` (

`idUsuario` INT NOT NULL COMMENT 'usuarios que podem ter acesso ao sistema',

`nome` VARCHAR(45) NOT NULL,

`perfil` VARCHAR(5) NOT NULL,

`usuario` VARCHAR(45) NOT NULL,

`senha` VARCHAR(80) NOT NULL,

PRIMARY KEY (`idUsuario`),

UNIQUE INDEX `login\_UNIQUE` (`usuario` ASC))

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;