

-- 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';

-- Schema db_gerenciamentodealuno

-- Schema db_gerenciamentodealuno

CREATE SCHEMA IF NOT EXISTS `db_gerenciamentodealuno` DEFAULT CHARACTER SET utf8 ;
USE `db_gerenciamentodealuno` ;

-- Table `db_gerenciamentodealuno`.`tbldepartamento`

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;

```
-----  
-- Table `db_gerenciamentodealuno`.`tblcurso`  
-----
```

```
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`  
-----
```

```
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`
-----

```

```

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`
-----

```

```

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_tblrrequisitos_tblrdisciplina1_idx` (`idDisciplina` ASC),
CONSTRAINT `fk_tblrrequisitos_tblrdisciplina1`
  FOREIGN KEY (`idDisciplina`)
  REFERENCES `db_gerenciamntodealuno`.`tbldisciplina` (`idDisciplina`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION)
ENGINE = InnoDB
DEFAULT CHARACTER SET = utf8;

```

```

-----
-- Table `db_gerenciamntodealuno`.`tblstatusad`
-----

```

```

CREATE TABLE IF NOT EXISTS `db_gerenciamntodealuno`.`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_tblrDisciplina1_idx` (`idDisciplina` ASC),
  CONSTRAINT `fk_tblStatusAD_tblAluno1`
    FOREIGN KEY (`idAluno`)
    REFERENCES `db_gerenciamntodealuno`.`tblaluno` (`idAluno`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
  CONSTRAINT `fk_tblStatusAD_tblrDisciplina1`
    FOREIGN KEY (`idDisciplina`)
    REFERENCES `db_gerenciamntodealuno`.`tbldisciplina` (`idDisciplina`)
    ON DELETE NO ACTION

```

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

-- Table `db_gerenciametodealuno`.`tblstatuscd`

```
CREATE TABLE IF NOT EXISTS `db_gerenciametodealuno`.`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_gerenciametodealuno`.`tblcurso` (`idCurso`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `fk_tem_tblDisciplina1`  
    FOREIGN KEY (`idDisciplina`)  
    REFERENCES `db_gerenciametodealuno`.`tbldisciplina` (`idDisciplina`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB  
DEFAULT CHARACTER SET = utf8;
```

```
-----  
-- Table `db_gerenciametodealuno`.`tblusuario`  
-----
```

```
CREATE TABLE IF NOT EXISTS `db_gerenciametodealuno`.`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;
```