

-- MySQL Script generated by MySQL Workbench

-- Thu Jun 7 23:59:39 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

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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;

```
-----  
-- Table `db_gerenciaimentoDeAluno`.`tblCurso`  
-----
```

```
CREATE TABLE IF NOT EXISTS `db_gerenciaimentoDeAluno`.`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_gerenciaimentoDeAluno`.`tblDepartamento` (`idDepartamento`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-----  
-- Table `db_gerenciaimentoDeAluno`.`tblEndereco`  
-----
```

```
CREATE TABLE IF NOT EXISTS `db_gerenciaimentoDeAluno`.`tblEndereco` (  
  `idEndereco` INT NOT NULL,  
  `rua` VARCHAR(45) NOT NULL,  
  `numero` VARCHAR(5) NOT NULL,  
  `cidade` VARCHAR(45) NOT NULL,  
  `bairro` VARCHAR(45) NOT NULL,  
  `pais` VARCHAR(45) NOT NULL,  
  `cep` INT NOT NULL,  
  PRIMARY KEY (`idEndereco`))  
ENGINE = InnoDB;
```

-- 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,  
  `idEndereco` INT NOT NULL,  
  PRIMARY KEY (`idAluno`, `idCurso`, `idEndereco`),  
  INDEX `fk_tblAluno_tblCurso1_idx` (`idCurso` ASC),  
  UNIQUE INDEX `cpf_UNIQUE` (`cpf` ASC),  
  INDEX `fk_tblAluno_tblEndereco1_idx` (`idEndereco` ASC),  
  CONSTRAINT `fk_tblAluno_tblCurso1`  
    FOREIGN KEY (`idCurso`)  
      REFERENCES `db_gerenciamentoDeAluno`.`tblCurso` (`idCurso`)  
      ON DELETE NO ACTION  
      ON UPDATE NO ACTION,  
  CONSTRAINT `fk_tblAluno_tblEndereco1`  
    FOREIGN KEY (`idEndereco`)  
      REFERENCES `db_gerenciamentoDeAluno`.`tblEndereco` (`idEndereco`)  
      ON DELETE NO ACTION  
      ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

-- Table `db_gerenciamentoDeAluno`.`tblDisciplina`

```
CREATE TABLE IF NOT EXISTS `db_gerenciamentoDeAluno`.`tblDisciplina` (  
  `idDisciplina` INT NOT NULL,  
  `nome` VARCHAR(45) NOT NULL,  
  PRIMARY KEY (`idDisciplina`))  
ENGINE = InnoDB;
```

-- 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 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_tblDisciplina1`  
    FOREIGN KEY (`idDisciplina`)  
    REFERENCES `db_gerenciamentoDeAluno`.`tblDisciplina` (`idDisciplina`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION,  
  CONSTRAINT `fk_tem_tblCurso1`  
    FOREIGN KEY (`idCurso`)  
    REFERENCES `db_gerenciamentoDeAluno`.`tblCurso` (`idCurso`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)
```

```
ENGINE = InnoDB;
```

```
-- Table `db_gerenciamentoDeAluno`.`tblUsuario`
```

```
CREATE TABLE IF NOT EXISTS `db_gerenciamentoDeAluno`.`tblUsuario` (  
  `idUserio` 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 (`idUserio`),  
  UNIQUE INDEX `login_UNIQUE` (`usuario` ASC))  
ENGINE = InnoDB;
```

```
-- 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 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;

```

```

-----
-- Table `db_gerenciamentoDeAluno`.`tblRequisitos`
-----

```

```

CREATE TABLE IF NOT EXISTS `db_gerenciamentoDeAluno`.`tblRequisitos` (
  `idRequisitos` INT NOT NULL,
  `requisitosDisciplina` INT NULL,
  `idDisciplina` INT NOT NULL,
  PRIMARY KEY (`idRequisitos`, `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;

```

```

-----
-- Table `db_gerenciamentoDeAluno`.`tblTelefone`
-----

```

```
CREATE TABLE IF NOT EXISTS `db_gerenciamentoDeAluno`.`tblTelefone` (  
  `idTelefone` INT NOT NULL,  
  `telefoneFixo` VARCHAR(30) NULL,  
  `telefoneCelular` VARCHAR(30) NULL,  
  `idAluno` INT NOT NULL,  
  PRIMARY KEY (`idTelefone`, `idAluno`),  
  INDEX `fk_tblTelefone_tblAluno1_idx` (`idAluno` ASC),  
  CONSTRAINT `fk_tblTelefone_tblAluno1`  
    FOREIGN KEY (`idAluno`)  
      REFERENCES `db_gerenciamentoDeAluno`.`tblAluno` (`idAluno`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
SET SQL_MODE=@OLD_SQL_MODE;  
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;  
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```