



-- MySQL Script generated by MySQL Workbench  
-- Mon Mar 18 17:38:40 2024  
-- 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='ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION';
```

-- Schema mydb

-----  
-- Table `ALUNO`  
-----

DROP TABLE IF EXISTS `ALUNO` ;

CREATE TABLE IF NOT EXISTS `ALUNO` (  
 `CPF` TINYTEXT NOT NULL,  
 `Nome` TINYTEXT NULL,  
 `Sobrenome` TINYTEXT NULL,  
 `Sexo` CHAR(1) NULL,  
 `DataNasc` FLOAT NULL,  
 PRIMARY KEY (`CPF`))  
ENGINE = InnoDB;

-----  
-- Table `ALUNO\_has\_CURSO`  
-----

DROP TABLE IF EXISTS `ALUNO\_has\_CURSO` ;

CREATE TABLE IF NOT EXISTS `ALUNO\_has\_CURSO` (  
 `ALUNO\_CPF` TINYTEXT NOT NULL,  
 `CURSO\_Sigla` TINYTEXT NOT NULL,  
 `Data` FLOAT NULL,  
 `Pago` BIT(1) NULL,  
 PRIMARY KEY (`ALUNO\_CPF`, `CURSO\_Sigla`),  
 CONSTRAINT `fk\_ALUNO\_has\_CURSO\_ALUNO1`  
 FOREIGN KEY (`ALUNO\_CPF`)  
 REFERENCES `ALUNO` (`CPF`)  
 ON DELETE NO ACTION  
 ON UPDATE NO ACTION,  
 CONSTRAINT `fk\_ALUNO\_has\_CURSO\_CURSO1`  
 FOREIGN KEY (`CURSO\_Sigla`)  
 REFERENCES `CURSO` (`Sigla`)  
 ON DELETE NO ACTION  
 ON UPDATE NO ACTION)  
ENGINE = InnoDB;

CREATE INDEX `fk\_ALUNO\_has\_CURSO\_CURSO1\_idx` ON `ALUNO\_has\_CURSO`  
(`CURSO\_Sigla` ASC) VISIBLE;

CREATE INDEX `fk\_ALUNO\_has\_CURSO\_ALUNO1\_idx` ON `ALUNO\_has\_CURSO`  
(`ALUNO\_CPF` ASC) VISIBLE;

-----  
-- Table `AREA`  
-----

```
DROP TABLE IF EXISTS `AREA` ;
```

```
CREATE TABLE IF NOT EXISTS `AREA` (  
  `Sigla` TINYTEXT NOT NULL,  
  `Nome` TINYTEXT NULL,  
  `AREA_Sigla` TINYTEXT NOT NULL,  
  PRIMARY KEY (`Sigla`),  
  CONSTRAINT `fk_AREA_AREA1`  
    FOREIGN KEY (`AREA_Sigla`)  
    REFERENCES `AREA` (`Sigla`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
CREATE INDEX `fk_AREA_AREA1_idx` ON `AREA` (`AREA_Sigla` ASC) VISIBLE;
```

```
-- -----  
-- Table `CURSO`  
-- -----
```

```
DROP TABLE IF EXISTS `CURSO` ;
```

```
CREATE TABLE IF NOT EXISTS `CURSO` (  
  `Sigla` TINYTEXT NOT NULL,  
  `Nome` TINYTEXT NULL,  
  `Horas` INT NULL,  
  `Custo` FLOAT NULL,  
  `AREA_Sigla` TINYTEXT NOT NULL,  
  PRIMARY KEY (`Sigla`),  
  CONSTRAINT `fk_CURSO_AREA1`  
    FOREIGN KEY (`AREA_Sigla`)  
    REFERENCES `AREA` (`Sigla`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
CREATE INDEX `fk_CURSO_AREA1_idx` ON `CURSO` (`AREA_Sigla` ASC) VISIBLE;
```

```
-- -----  
-- Table `MODULO`  
-- -----
```

```
DROP TABLE IF EXISTS `MODULO` ;
```

```
CREATE TABLE IF NOT EXISTS `MODULO` (  
  `Sigla` TINYTEXT NOT NULL,  
  `Nome` TINYTEXT NULL,  
  `CURSO_Sigla` TINYTEXT NOT NULL,
```

```
PRIMARY KEY (`Sigla`),  
CONSTRAINT `fk_MODULO_CURSO1`  
  FOREIGN KEY (`CURSO_Sigla`)  
  REFERENCES `CURSO` (`Sigla`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
CREATE INDEX `fk_MODULO_CURSO1_idx` ON `MODULO` (`CURSO_Sigla` ASC)  
VISIBLE;
```

```
-- -----  
-- Table `PROFESSOR`  
-- -----
```

```
DROP TABLE IF EXISTS `PROFESSOR` ;
```

```
CREATE TABLE IF NOT EXISTS `PROFESSOR` (  
  `CPF` TINYTEXT NOT NULL,  
  `Nome` TINYTEXT NULL,  
  `CURSO_Sigla` TINYTEXT NOT NULL,  
  PRIMARY KEY (`CPF`),  
  CONSTRAINT `fk_PROFESSOR_CURSO1`  
    FOREIGN KEY (`CURSO_Sigla`)  
    REFERENCES `CURSO` (`Sigla`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
CREATE INDEX `fk_PROFESSOR_CURSO1_idx` ON `PROFESSOR` (`CURSO_Sigla`  
ASC) VISIBLE;
```

```
-- -----  
-- Table `TOPICO`  
-- -----
```

```
DROP TABLE IF EXISTS `TOPICO` ;
```

```
CREATE TABLE IF NOT EXISTS `TOPICO` (  
  `Sigla` TINYTEXT NOT NULL,  
  `Nome` TINYTEXT NULL,  
  `Horas` INT NULL,  
  `MODULO_Sigla` TINYTEXT NOT NULL,  
  PRIMARY KEY (`Sigla`, `MODULO_Sigla`),  
  CONSTRAINT `fk_TOPICO_MODULO1`  
    FOREIGN KEY (`MODULO_Sigla`)  
    REFERENCES `MODULO` (`Sigla`)  
    ON DELETE NO ACTION
```

```
ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
CREATE INDEX `fk_TOPICO_MODULO1_idx` ON `TOPICO` (`MODULO_Sigla` ASC)  
VISIBLE;
```

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