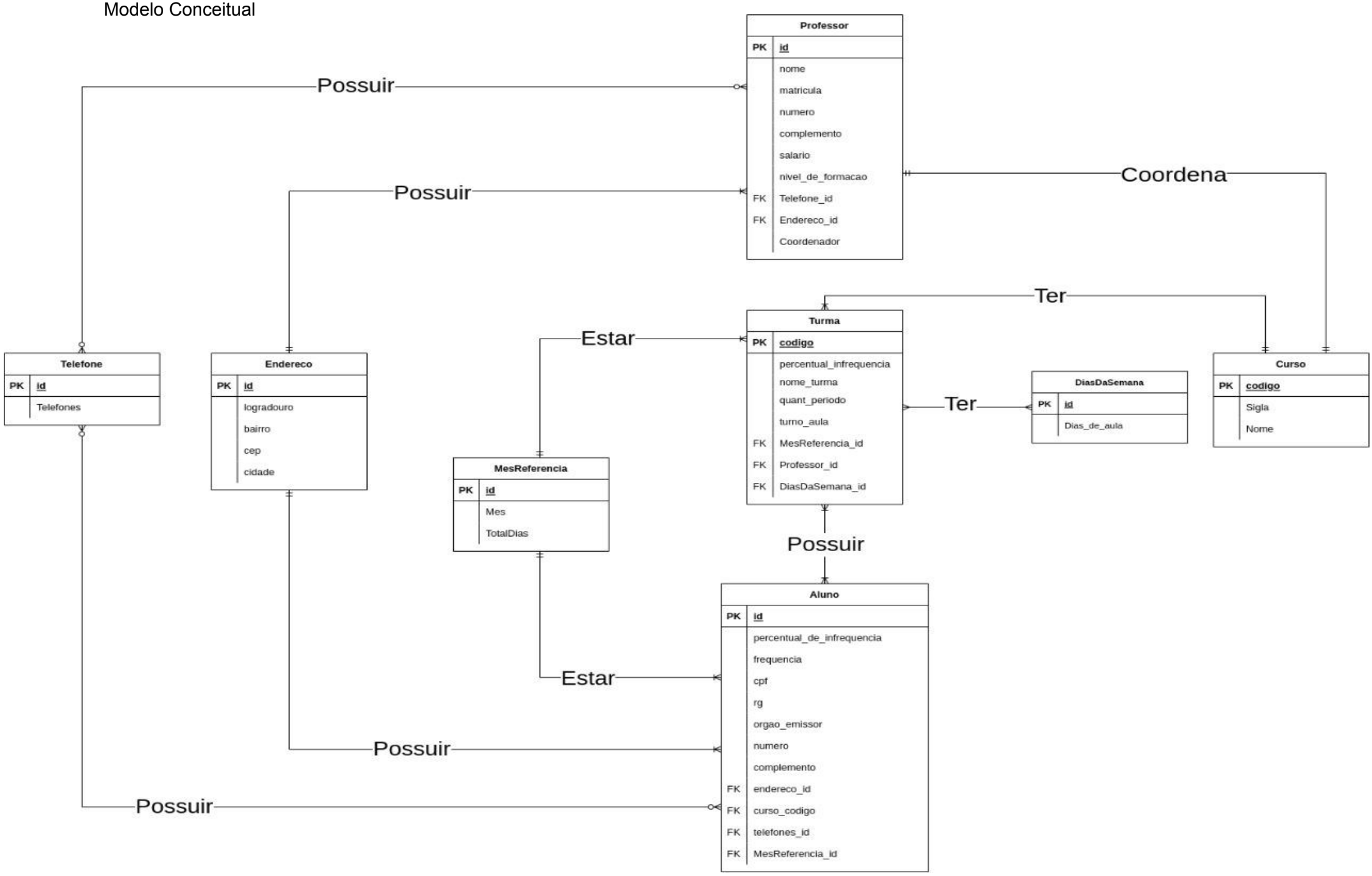
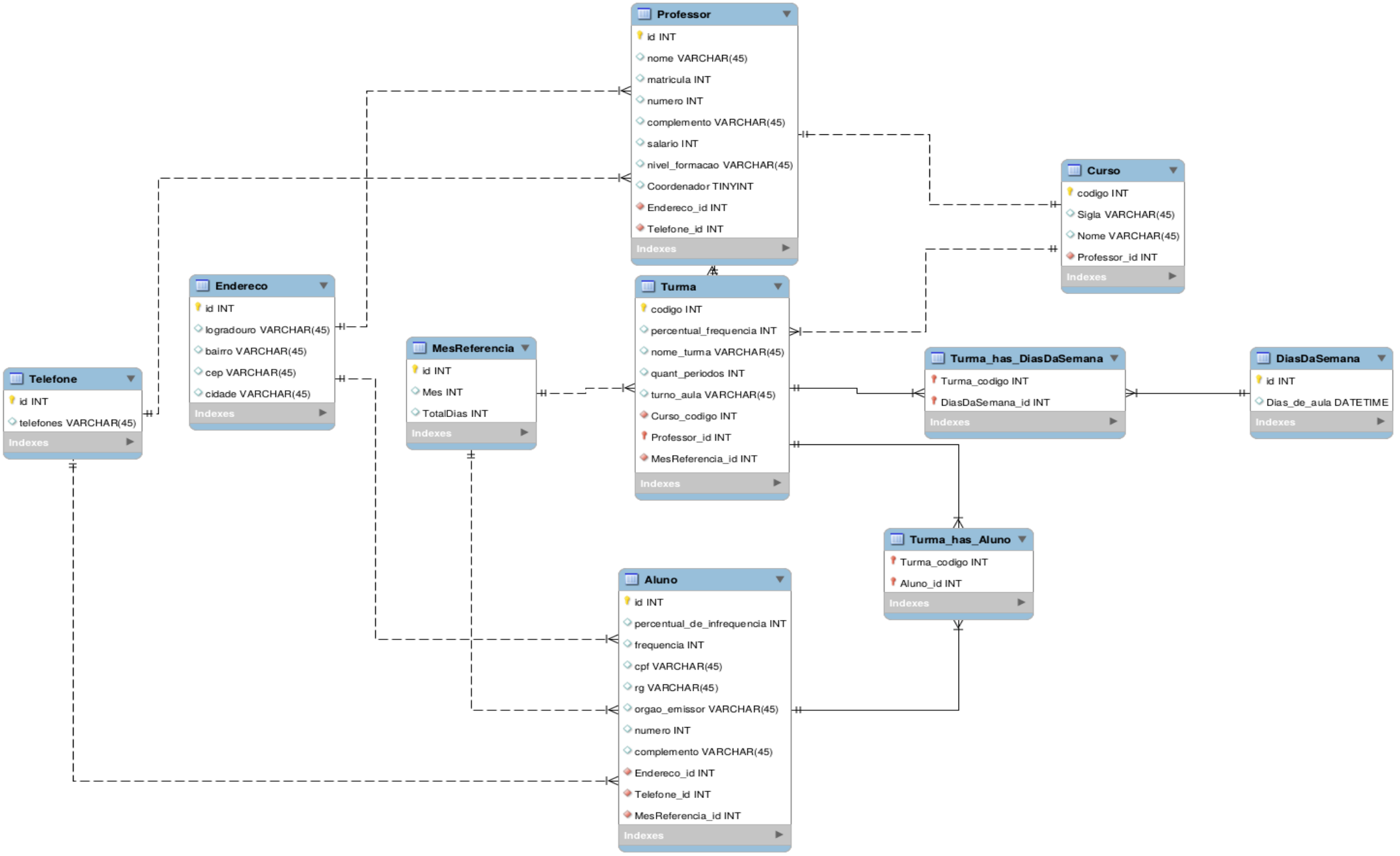
Modelo Conceitual



Modelo Lógico



Modelo Físico

```
#DROP DATABASE diarioDeClasse;


Create database diarioDeClasse;
USE diarioDeClasse;

CREATE TABLE Endereco(
      id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    logradouro VARCHAR(40) NOT NULL,
    bairro VARCHAR(30) NOT NULL,
    cep INT NOT NULL,
    cidade VARCHAR(30) NOT NULL
);

CREATE TABLE Telefone(
      id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    telefones INT NOT NULL
);

CREATE TABLE DiasDaSemana(
      id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    diasDeAula DATETIME
);

CREATE TABLE MesReferencia(
      id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    mes INT NOT NULL,
    totalDeDias INT NOT NULL
);

CREATE TABLE Professor(
      id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    nome VARCHAR(45) NOT NULL,
    matricula INT NOT NULL,
    numero INT NOT NULL,
    complemento VARCHAR(45),
    salario DOUBLE,
    nivel_formacao VARCHAR(40),
    coordenador BOOLEAN NOT NULL,
    Endereco_id INT,
    Telefone_id INT,
    FOREIGN KEY(Endereco_id) REFERENCES Endereco(id),
    FOREIGN KEY(Telefone_id) REFERENCES Telefone(id)
```

```
);

CREATE TABLE Curso(
      codigo INT NOT NULL AUTO_INCREMENT PRIMARY KEY,
    sigla VARCHAR(5),
    nome VARCHAR(30),
    Professor_id INT,
    FOREIGN KEY(Professor_id) REFERENCES Professor(id)
);

CREATE TABLE Turma(
      codigo INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    percentual_infrequencia INT,
    nome_turma VARCHAR(45) NOT NULL,
      quant_periodos INT,
    turno_aula VARCHAR(40),
    Curso_codigo INT,
    Professor_id INT,
    MesReferencia_id INT,
    FOREIGN KEY(Curso_codigo) REFERENCES Curso(codigo),
    FOREIGN KEY(Professor_id) REFERENCES Professor(id),
    FOREIGN KEY(MesReferencia_id) REFERENCES MesReferencia(id)
);

CREATE TABLE Turma_Dia(
      turmaCodigo int,
    diaId int,
      PRIMARY KEY (turmaCodigo, diaId),
    FOREIGN KEY (turmaCodigo) REFERENCES Turma(codigo),
    FOREIGN KEY (diaId) REFERENCES DiasDaSemana(id)
);

CREATE TABLE Aluno(
      id INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    percentual_infrequencia INT,
    frequencia INT,
    cpf VARCHAR(11) NOT NULL,
    rg VARCHAR(10) NOT NULL,
    orgao_emissor VARCHAR(40),
    numero INT NOT NULL,
    complemento VARCHAR(40),
    Endereco_id INT,
    Telefone_id INT,
    MesReferencia_id INT,
    FOREIGN KEY(Endereco_id) REFERENCES Endereco(id),
    FOREIGN KEY(Telefone_id) REFERENCES Telefone(id),
```

```
    FOREIGN KEY(MesReferencia_id) REFERENCES MesReferencia(id)
);

CREATE TABLE Turma_Aluno(
      turmaCodigo int,
    alunoId int,
    PRIMARY KEY (turmaCodigo, alunoId),
      FOREIGN KEY (turmaCodigo) REFERENCES Turma(codigo),
    FOREIGN KEY (alunoId) REFERENCES Aluno(id)
);
```