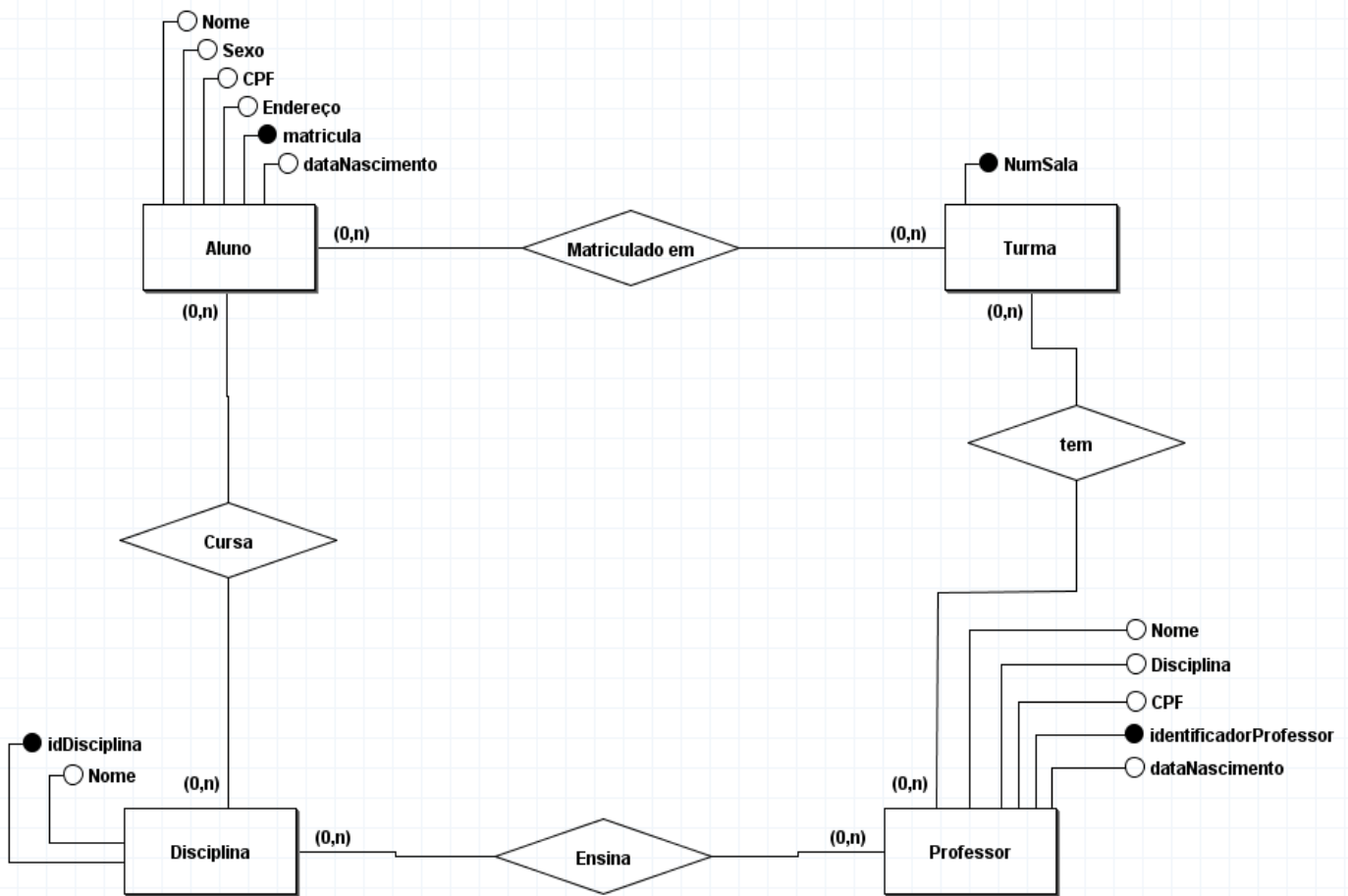


Extensionista: Rayanne Freire de Farias

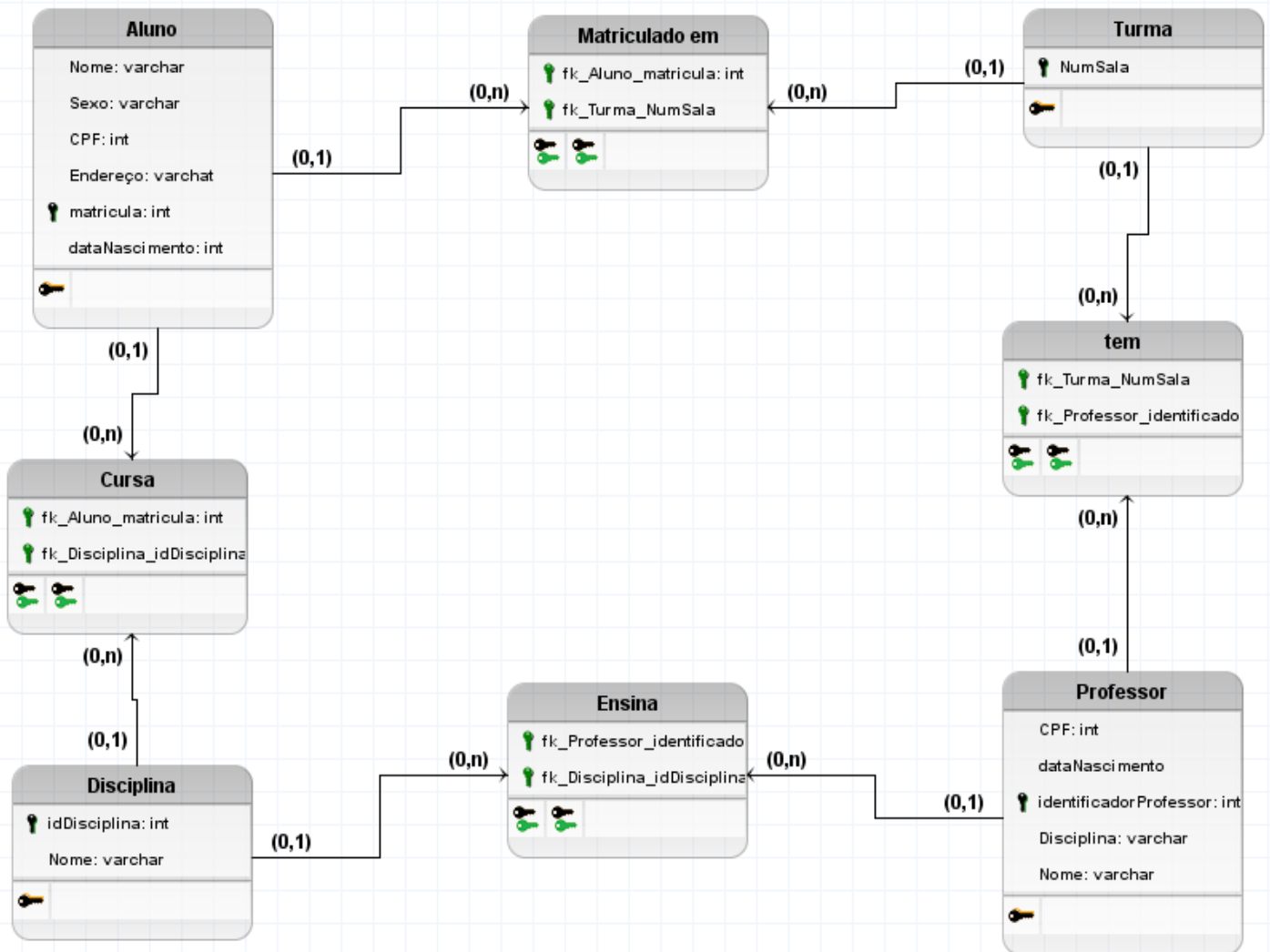
RGM: 33500207

Diagrama sobre uma escola.

Modelo Conceitual



Modelo lógico



Modelo Físico

```
CREATE TABLE Aluno (  
    Nome varchar,  
    Sexo varchar,  
    CPF int ,  
    Endereço varchar,  
    matricula int PRIMARY KEY,  
    dataNascimento int  
);
```

```
CREATE TABLE Turma (  
    NumSala int PRIMARY KEY  
);
```

```
CREATE TABLE Professor (  
    CPF int,  
    dataNascimento int,  
    identificadorProfessor int PRIMARY KEY,  
    Disciplina varchar,  
    Nome varchar  
);
```

```
CREATE TABLE Disciplina (  
    idDisciplina int PRIMARY KEY,  
    Nome varchar  
);
```

```
CREATE TABLE Matriculado em (  
    fk_Aluno_matricula int,
```

```
fk_Turma_NumSala int  
);
```

```
CREATE TABLE Ensina (  
    fk_Professor_identificadorProfessor int,  
    fk_Disciplina_idDisciplina int  
);
```

```
CREATE TABLE tem (  
    fk_Turma_NumSala int,  
    fk_Professor_identificadorProfessor int  
);
```

```
CREATE TABLE Cursa (  
    fk_Aluno_matricula int,  
    fk_Disciplina_idDisciplina int  
);
```

```
ALTER TABLE Matriculado em ADD CONSTRAINT FK_Matriculado em_1  
    FOREIGN KEY (fk_Aluno_matricula)  
    REFERENCES Aluno (matricula)  
    ON DELETE SET NULL;
```

```
ALTER TABLE Matriculado em ADD CONSTRAINT FK_Matriculado em_2  
    FOREIGN KEY (fk_Turma_NumSala)  
    REFERENCES Turma (NumSala)  
    ON DELETE SET NULL;
```

```
ALTER TABLE Ensina ADD CONSTRAINT FK_Ensina_1
```

```
FOREIGN KEY (fk_Professor_identificadorProfessor)
REFERENCES Professor (identificadorProfessor)
ON DELETE SET NULL;
```

```
ALTER TABLE Ensina ADD CONSTRAINT FK_Ensina_2
FOREIGN KEY (fk_Disciplina_idDisciplina)
REFERENCES Disciplina (idDisciplina)
ON DELETE SET NULL;
```

```
ALTER TABLE tem ADD CONSTRAINT FK_tem_1
FOREIGN KEY (fk_Turma_NumSala)
REFERENCES Turma (NumSala)
ON DELETE SET NULL;
```

```
ALTER TABLE tem ADD CONSTRAINT FK_tem_2
FOREIGN KEY (fk_Professor_identificadorProfessor)
REFERENCES Professor (identificadorProfessor)
ON DELETE SET NULL;
```

```
ALTER TABLE Cursa ADD CONSTRAINT FK_Cursa_1
FOREIGN KEY (fk_Aluno_matricula)
REFERENCES Aluno (matricula)
ON DELETE SET NULL;
```

```
ALTER TABLE Cursa ADD CONSTRAINT FK_Cursa_2
FOREIGN KEY (fk_Disciplina_idDisciplina)
REFERENCES Disciplina (idDisciplina)
ON DELETE SET NULL;
```