

Domain University;

Entities{

```

    Person{
        PID: int isIdentifier ,
        Name: string
    }
    Teacher isA Person{
        Phone: int ,
        Salary: money
    }
    Student isA Person{
        Course: string
    }
    OutsrcEmployee isA Person{
        OutsourcedEID: int ,
        Company: string
    }
    Class{
        ClassID: int isIdentifier ,
        Course: string ,
        Semester: string
    }
    Classroom {
        ClassroomID: int isIdentifier ,
        Capacity: int
    }

```

};

Relationships{

```

    [many Student isRelatedWith many Class]
    TeacherClass [many Teacher isRelatedWith many Class]
    ClassSchedule [many TeacherClass isRelatedWith many Classroom]
        {ClassScheduleID: int , DayOfWeek: datetime , Discipline: string}
    Supervisor [zero one OutsrcEmployee isRelatedWith many OutsrcEmployee]

```

};

Exemplo de uso da Gramática DSL - Modelo 2

Domain University

```
Entities{
    Person{
        * PID int ,
        Name string
    }
    Teacher is Person{
        Phone int ,
        Salary money
    }
    Student is Person{
        Course string
    }
    OutsrcEmployee is Person{
        OutsourcedEID int ,
        Company string
    }
    Class{
        * ClassID int ,
        Course string ,
        Semester string
    }
    Classroom {
        * ClassroomID int ,
        Capacity int
    }
}

Relationships{
    [(1,N) Student relates (1,N) Class]
    TeacherClass [(1,N) Teacher relates (1,N) Class]
    ClassSchedule [(1,N) TeacherClass relates (1,N) Classroom]
        {ClassScheduleID int , DayOfWeek datetime , Discipline string}
    Supervisor [(0,1) OutsrcEmployee relates (1,N) OutsrcEmployee]
}
```