

```
Domain University;
```

**Entities {**

```
    Person {
        PID: int isIdentifier ,
        Name: string
    }
    Teacher isA Person{
        Phone: int ,
        Salary: money
    }
    Student isA Person{
        Course: string
    }
    OutsreEmployee 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 OutsreEmployee isRelatedWith many OutsreEmployee]
};
```

## 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]
}
```