**Relational Model**

**primary key** *foreign key*

**Entities:**

* teacher (**ID:int**, master\_department:varchar(32))
* department (**name:varchar(32)**, head\_of\_department:varchar(32), factor\_for\_teaching\_group:int)
* curriculum (*year:date, class:varchar(32)*)
* form\_of\_education (**name:varchar(32)**)
* subject (**name:varchar(32)**, *year:date*, extent:varchar(32), teaching\_group:char, nr\_lessons:int )
* student (**ID:int**, function:varchar(32), is\_selfentitled:boolean, semester\_mark;char, year\_mark:char, class\_leader:boolean)
* parent (**ID:int**, nr\_of\_kids\_in\_this\_school:char)
* class (**name:varchar(8)**, *year:date*)
* personal\_info (*ID:int*, name:varchar(32), adress:varchar(32), phone\_number:int, birthdate:date, bank\_info:varchar(32), etc)

**Relations:**

1. teaches: (**teacher:ID, Subject:name**, Value-units:int, factor\_for\_teaching\_groups:int)