Student Entity

* Student ID (Primary Key)
* First Name
* Last Name
* sex
* Region
* town
* Phone number
* Guardian ID (Foreign Key referencing the Guardian entity)

Guardian Entity

* Guardian ID (Primary Key)
* First Name
* Last Name
* sex
* region
* town
* Guardian Phone number

Tutor Entity

* Tutor ID (Primary Key)
* First Name
* Last Name
* sex
* Phone number
* Address ( region, town)
* Subjects Taught { contains a list of subject IDs and names }

And subjects taught is a multi-valued attribute, so we make it a separate entity

Subjects Taught Entity

* Tutor ID (Foreign Key referencing the Tutor entity)
* Subject Name

Where, the primary key is the combination of Tutor ID which is a Foreign Key and subject name which is a partial key

Subject Entity

* Subject ID (Primary Key)
* Subject Name

Enrolled on Entity

* Tutor ID (Foreign Key referencing the Tutor entity)
* Student ID (Foreign Key referencing the Student entity)
* Subject ID (Foreign Key referencing the Subject entity)
* Payment Amount
* Location name ( the place where the session takes place )
* Days per week ( the number of days per week the session will take place )
* Starting Time
* Ending Time
* Duration

Staff Entity

* Staff ID (Primary Key)
* First Name
* Last Name
* sex
* Address ( region, town)
* Salary
* Department number (foreign Key referencing their department in which they work on)

Department Entity

* Department number (Primary Key)
* Department Name
* Number of staffs

RELATION

1. Guardian – is guardian of- Student

\* A guardian can have multiple students (one-to-many): `Guardian` -> `Student` (one guardian can be a parent of many students)

`

2. Staff – works for - Department

\* A staff member is part of one department (many-to-one): `Staff` -> `Department`

3. tutor – teaches – subject

A tutor can teach many subjects and also one subject can be given by different tutors ( many to many )

4. student – studies – subject

A student can enroll for many subjects and also one subject may have different students that studies it ( many to many )

5. student – tutored by – tutor

A student can have a single tutor but a tutor can give a tutorial for many students ( many to one)