Correction criteria

- Total score: 100.
  - Entity definition: 15
  - Relationship and cardinality definition: 20
  - Attributes definition (entities and relationships): 15
  - Diagram: 50

Document

The document must contain a written specification for the entities, their attributes, and the relationship between each entity. Also, it must contain the ER diagram of the given scenario.

Exercise 1:

We want to store the high school information:

- A high school offers several Formative Courses. For each course, we want to store its name, code, acronym.
- Each formative course belongs to a specific family. For each family we want to store its name.
- A course has several subjects, that have a name, code and acronym as well. It's also good to know in which year the subject is coursed (1st year, 2nd year…).
- The high school have a lot of people involved. We want to store the name, surnames, personal email, corporate email, birthdate, and phone number for each person. We distinguish between students and teachers.
- Students are organized in groups, that are identified with a letter. Each student can only be assigned to one group. Each group has a tutor, that must be a teacher. A teacher can be a tutor of only one group or not be a tutor. Groups are related to the formative course.
- Each student is enrolled in some subjects, and the database must store its grade. Take into account that a student can be enrolled in the same subject in different years and score different grades as well.
- Each teacher teaches some subjects in a specific year.