

# ERD Description

1. The schedule of an employee is a weak entity as it can be represented by the month and year (as **discriminator**) and employee\_id, because employee is a strong entity.
2. The salary history of the employee is a weak entity. Its **discriminator** are {start\_date, end\_date}. It can be fully identified once we provide employee\_id
3. A client can have multiple communications, and also the employee. That's why both are marked as many to one, respecting the communication.
4. The communication is a relation between a employee and an order. It happens only after an order is created.
5. One book can be ordered once per client. Is marked as one to one in the diagram.
6. One client is included in the sale, and one client can be associated to many sales so it's marked as many to one.
7. The delivery is marked as total participation in the sale as, one delivery is associated to at least one sale.
8. The prices of a delivery depends on the weight, so it has many values
9. The book copy has total participation in a book as it is associated with one book.
10. One book copy is associated to up to one book, but one book can have many book copies.
11. Book copy is associated to only one storage.
12. A book has many authors.
13. A book can have many translations and a translation is related to many books. In the diagram is marked as many to many.
14. A translation is made only by one translator, but the translator is associated to many translations. Is marked as one to many.
15. Each sale can contain many book copies, but a book copy can be associated to only one sale. Is marked as one to many.