

Assumptions

1. For the director attribute in the DVD relation, the document states that data in DVD relation encapsulates "the director," which I assumed one director per unique DVD, but it turns out some movies can have multiple directors, so I encapsulated it as multiple director per DVD as shown in the relational diagram and schema.
2. For the status attribute, I assumed that if a DVD copy is rented, then the status is unavailable to rent that DVD copy. Hence, the status is an attribute of RENT relation denoted as default value of 0 to indicate the DVD copy(s) that is/are already been rented has a mark of unavailability.
3. I assumed middle names were not necessary, because first names and last names are sufficient.
4. Although the document says one category per unique DVD, I created an extra table in the relational diagram incase of changing it to mutiple category per unique DVD which can also apply one category per unique DVD as shown in the document.
5. In the schema, when deciding the scope/parameter of each datatype, I assumed necessary digits to carry out the operation of the company. However, this can be changed to best fit the model wanted by the client.