


The background features a light gray gradient with several realistic water droplets of varying sizes scattered across the frame. A faint, circular, textured pattern is visible in the upper center, resembling a lens flare or a subtle watermark.

RELATIONAL DATABASES




OBJECTIVES

- DESCRIBE AND GIVE AN EXAMPLE OF RELATIONSHIP TRANSFERABILITY
 - UNDERSTAND THE DIFFERENCE BETWEEN TRANSFERABLE AND NON-TRANSFERABLE RELATIONSHIPS.
 - ILLUSTRATE NON-TRANSFERABLE RELATIONSHIPS ON ERDS
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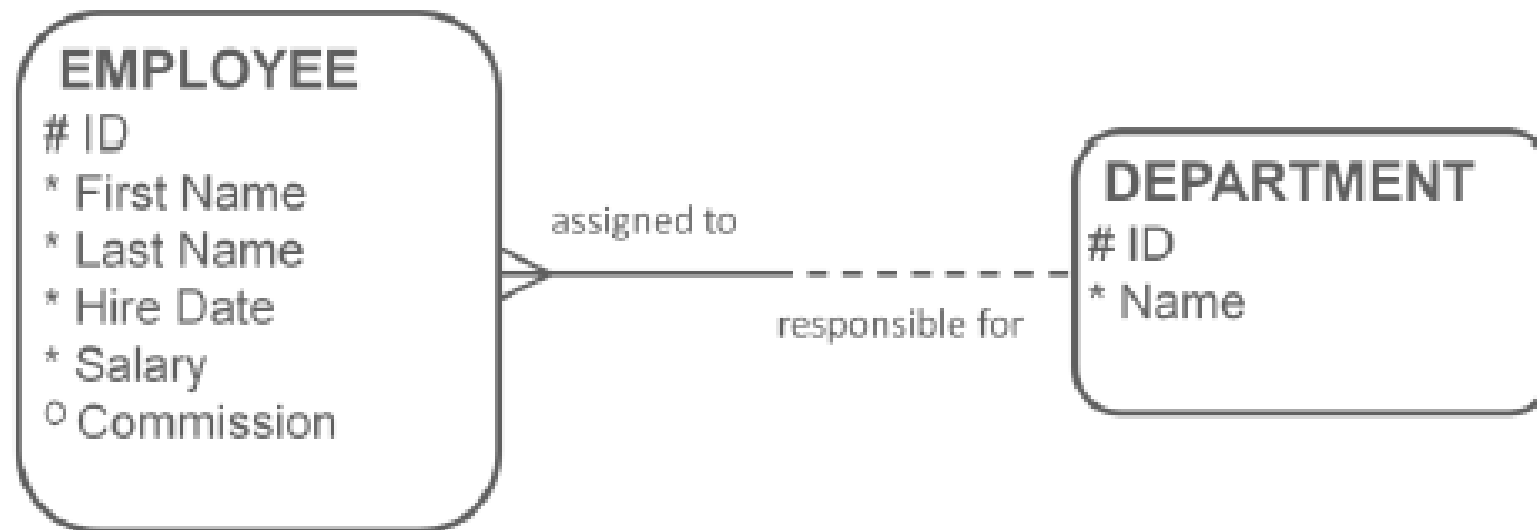


PURPOSE

- ONCE A CLASS HAS BEEN ALLOCATED TO A TEACHER, CAN THAT CLASS LATER BE TRANSFERRED TO ANOTHER TEACHER, POSSIBLY IN MID-SEMESTER?
 - SOME HEALTH CLUBS ALLOW MEMBERSHIP TO BE TRANSFERRED FROM ONE PERSON TO ANOTHER.
 - THIS BUSINESS RULE IS NORMALLY DETERMINED BY WHAT IS MOST EFFICIENT AND MOST PROFITABLE FOR THE BUSINESS.
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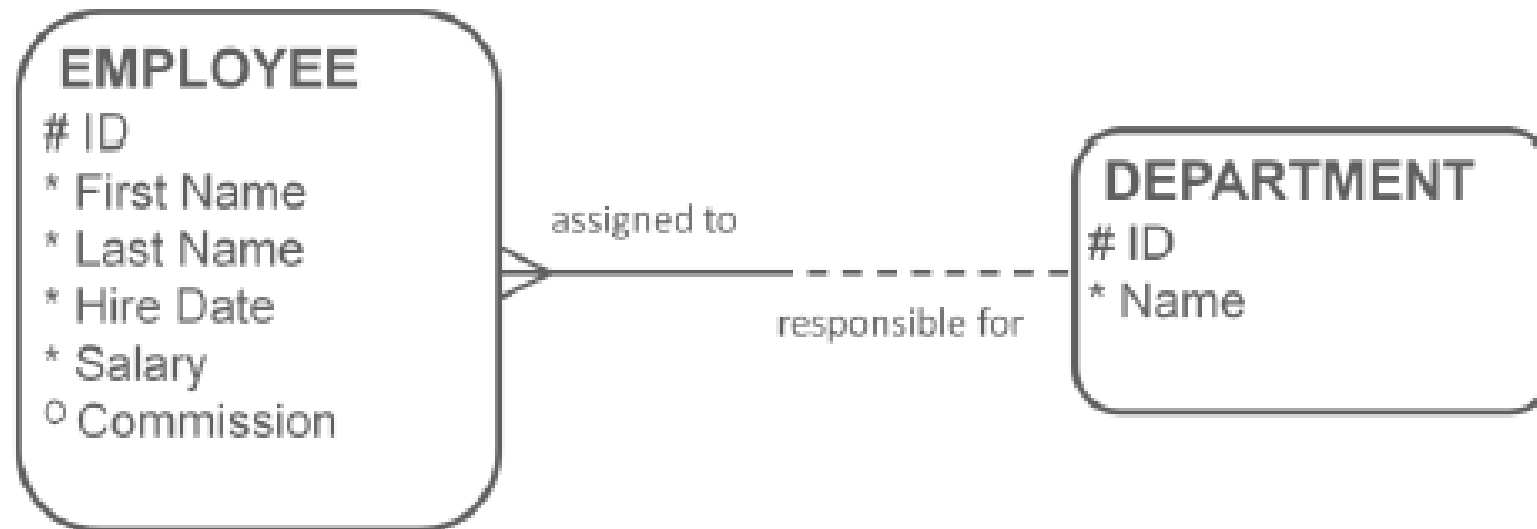
RELATIONSHIP REVIEW

- MUST EVERY EMPLOYEE BE ASSIGNED TO A DEPARTMENT?
- MUST EVERY DEPARTMENT BE RESPONSIBLE FOR AN EMPLOYEE?
- HOW MANY EMPLOYEES CAN A DEPARTMENT BE RESPONSIBLE FOR?
- HOW MANY DEPARTMENTS CAN AN EMPLOYEE BE ASSIGNED TO?



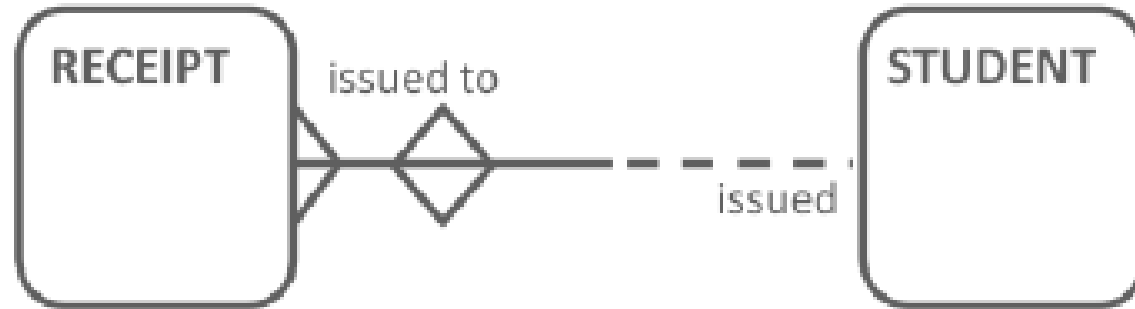
RELATIONSHIP REVIEW

- TRANSFERABILITY:
 - CAN AN EMPLOYEE BE TRANSFERRED FROM ONE DEPARTMENT TO ANOTHER DEPARTMENT?



RELATIONSHIP TRANSFERABILITY

- A STUDENT CAN BE ISSUED A RECEIPT FOR PAYING TUITION FEES, REPEAT EXAM FEEW, BUYING A BOOK. ONCE A RECEIPT HAS BEEN ISSUED, IT CANNOT BE TRANSFERRED TO ANOTHER STUDENT.



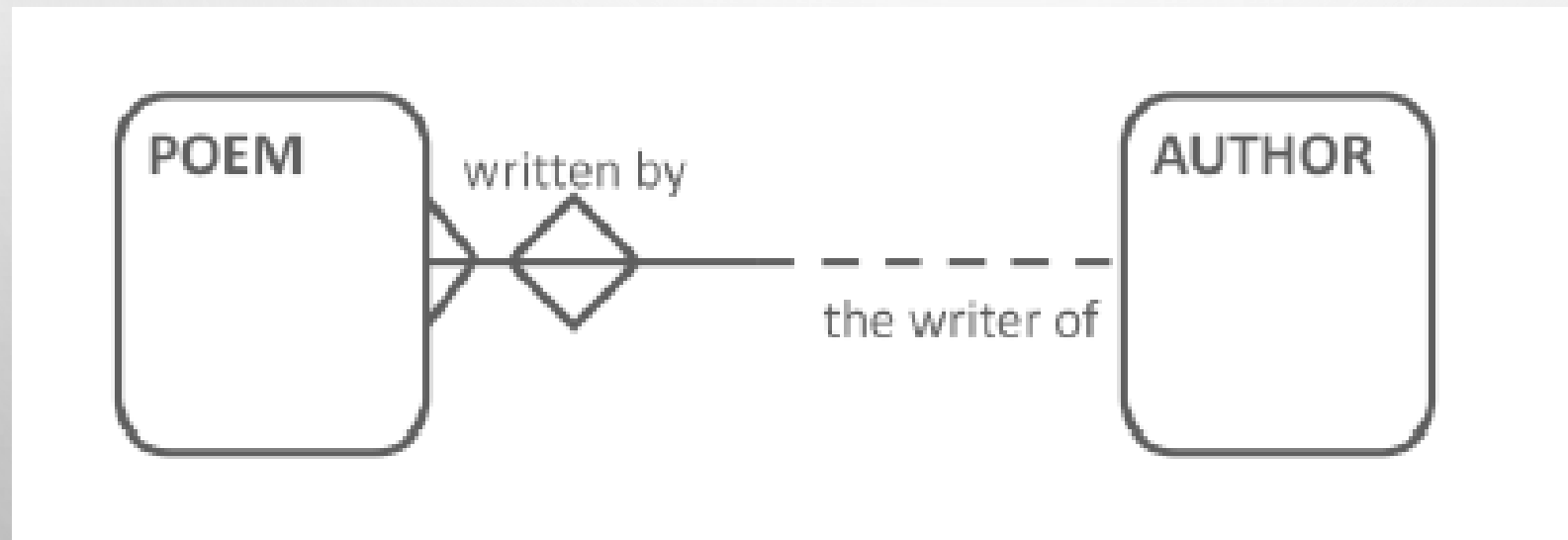
Nontransferable Relationship

A nontransferable relationship is represented with the diamond on the relationship.

The diamond is typically drawn on the “many” side of the relationship

NONTRANSFERABLE RELATIONSHIP

- OWNERSHIP OF A POEM BELONGS WITH ITS AUTHOR. AUTHORSHIP IS A RELATIONSHIP THAT CANNOT BE MOVED TO ANOTHER PERSON.



NONTRANSFERABLE RELATIONSHIP

- A CHAPTER IS CONTAINED IN A BOOK AND CANNOT BE TRANSFERRED TO ANOTHER BOOK

