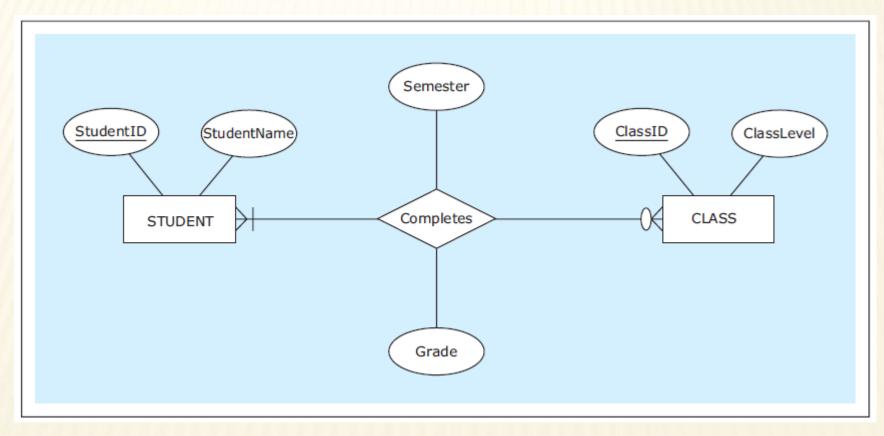
Database Systems Introduction to Databases and Data Warehouses

CHAPTER 2 - Database Requirements and ER Modeling

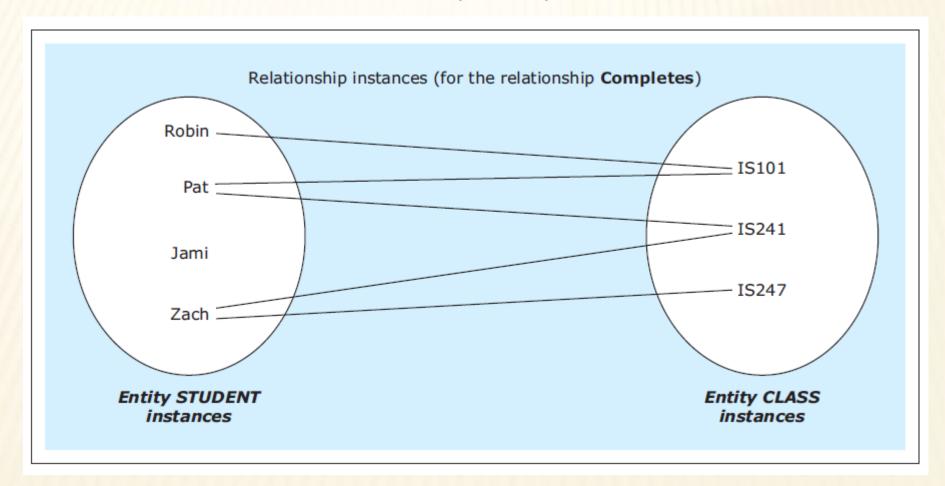
(This file is created Just For Final Exam)

- M:N relationships may have multiple occurrences between the same instances of involved entities
 - Example in next slide

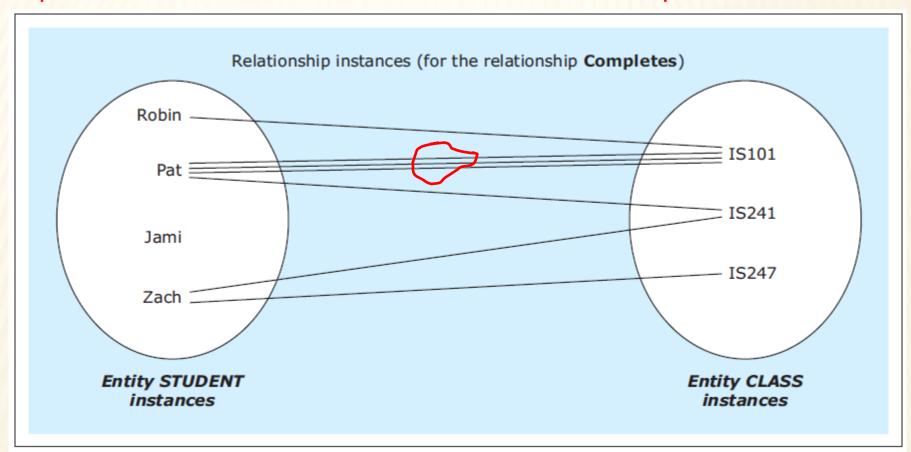
An ER diagram for an M:N relationship depicting students completing classes



Instances of the M:N relationship Completes

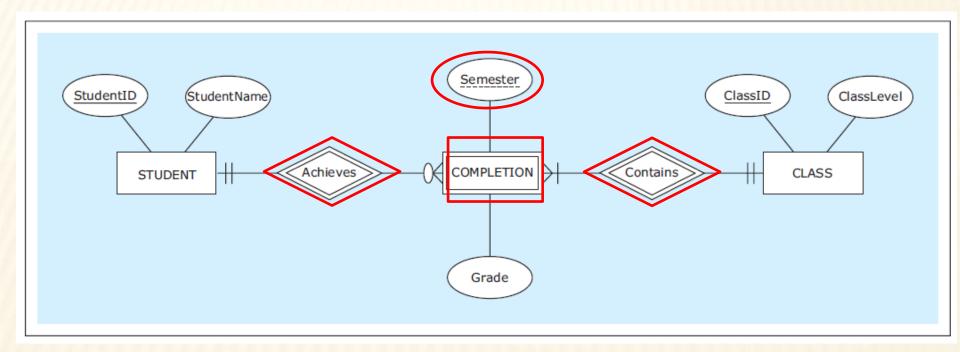


Instances of the M:N relationship Completes with an additional requirement: one student takes same class multiple times



CanNOT be represented in a M:N relationship

Can be represented as a weak entity with partial key and multiple owner entities. Example:



Note the cardinality constraints