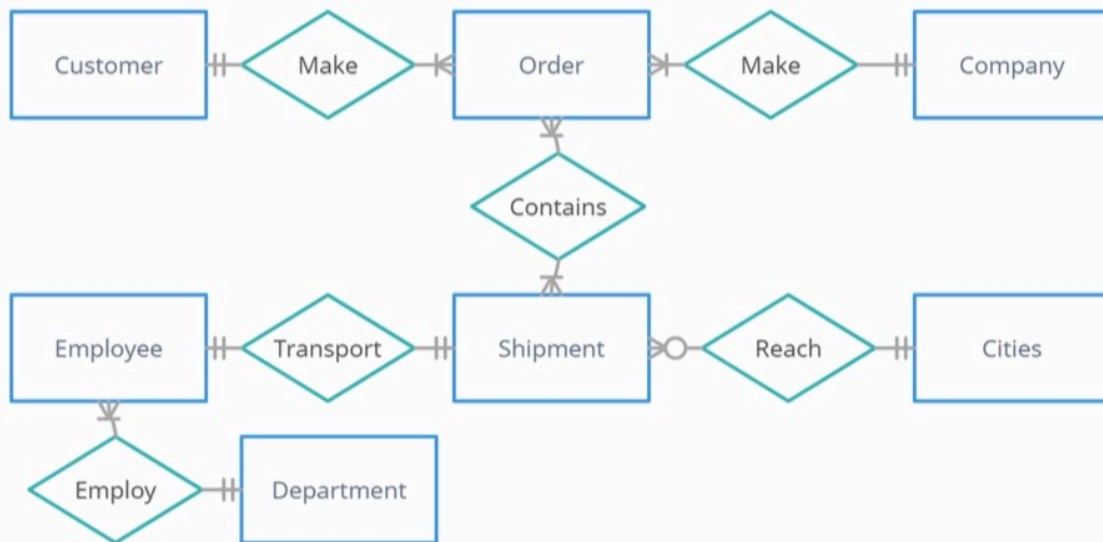


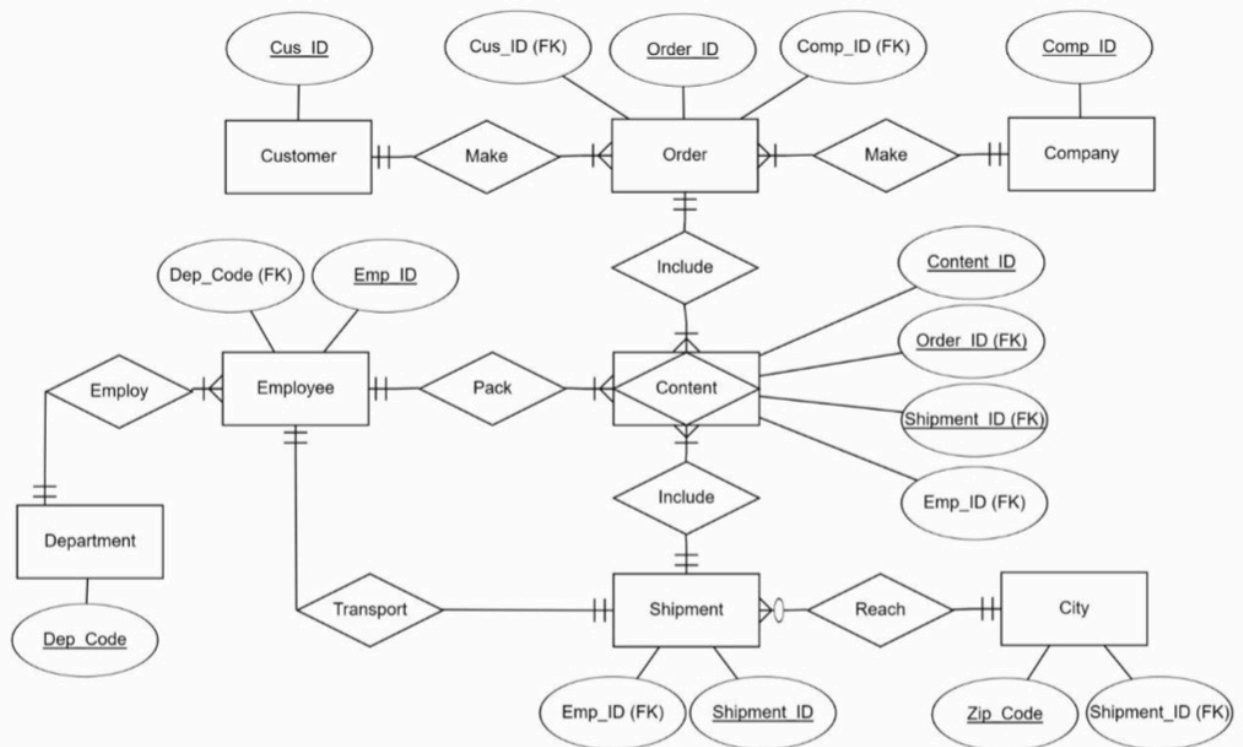
Business Rules

- 1) One customer must make one order or more.
- 2) One order must be made by only one customer.
- 3) One company must make one order or more.
- 4) One order must be made by only one company.
- 5) One order must include one content or more.
- 6) One content must be included by only one order.
- 7) One content must be included in only one shipment.
- 8) One shipment must include one or more contents.
- 9) One employee must pack one or more contents.
- 10) One content must be packed by only one employee.
- 11) One employee must transport only one shipment.
- 12) One shipment must be transported by only one employee.
- 13) One employee must be employed in only one department.
- 14) One department must employ one or more employees.
- 15) One shipment must reach only one city.
- 16) One city may be reached by zero or more shipment.

Conceptual ERD



Key-Based ERD



Fully-Attributed ERD

