



DBMS PROJECT

ONLINE FOOD DELIVERY SYSTEM

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Description of ER-Diagram :

Items and Restaurant entity types are related by menu relationship type and cardinality of this relationship type is many to many. Mandatory participations are shown by double lines while optional participations are shown by single in our ER diagram. Order entity type is related with menu relationship type using aggregation and cardinality of this relationship is many to many and participation constraint is mandatory from Order entity type. Invoice_details entity type is related with two other entity types, one with Customer having cardinality many to one and mandatory participation from customer entity type and second with order having cardinality one to one and mandatory participation from Invoice_details entity type. In a similar way, Delivery_details entity type is related with two other entity types, one with order having cardinality one to one and mandatory participation from both sides and second with delivery_person having cardinality many to one and it has no mandatory constraints. Restaurant, Customer and Delivery_person entity types have an attribute contact_no which can be multivalued.

ER-Diagram :

