

## ENTITY- RELATIONSHIP DIAGRAM FOR YPMS

This is a well-defined ER Diagram created to visually represent the entities, their attributes and the relationships including cardinality between them before building and implementing the database.

Key Relationships:

**Customer to Orders:** One customer places many orders. CustomerID is the foreign key in Order

**Employee to Orders:** One employee handles many orders. EmployeeID is the foreign key in Order.

**Orders to OrderItem:** One order has many order items. OrderID is the foreign key in OrderItem.

**MenuItem to OrderItem:** One menu item can appear in many order items. ItemID is the foreign key in OrderItem.

**Order to Payment:** One order can have many payments. OrderID is the foreign key in Payment

