

Lab 1

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Customer Orders View

ONF

After performing Zero-Normal Form, a single entity was identified: Order

Order: (OrderNumber, CustomerNumber, FirstName, LastName, Address, City, Province, PostalCode, Phone, Date, {ItemNumber, Description, Quantity, CurrentPrice, SellingPrice, Amount}, Subtotal, GST, Total)

1NF

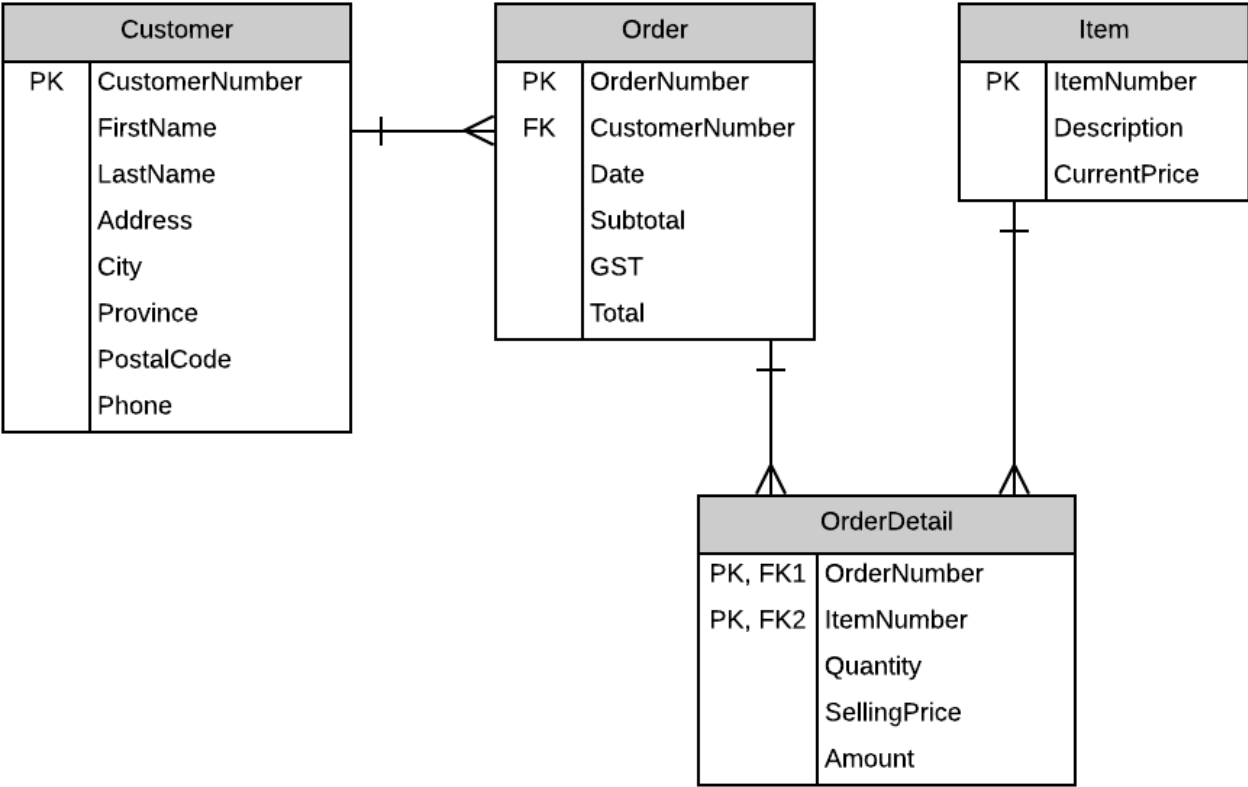
Final Entities

These are the final tables/entities after normalizaing the Customer Orders View.

Order: (OrderNumber, *CustomerNumber*, Date, Subtotal, GST, Total)

OrderDetail: (OrderNumber, *ItemNumber*, Quantity, SellingPrice, Amount)

ERD



Legend

This legend is a guide to reading and interpreting the table listings under 0NF through 3NF.

- **TableName:**
 - Table names will be bolded and end with a colon. (e.g.: ****TableName:****)
- (Column, Names)
 - Column names for a table will be enclosed in (rounded parenthesis) (e.g.: `All, Attributes`).
- **PrimaryKeyFields**
 - Primary key fields will be bold and inside a box. (e.g.: `<b class="pk">PrimaryKeyFields`)
- *ForeignKeyFields*
 - Foreign key fields will be a wavy underline in italic and green. (e.g.: `<u class="fk">ForeignKeyFields</u>`)
- {Repeating Groups}
 - Groups of repeating fields will be identified in 0NF stage, and will be enclosed in orange curly braces. (e.g.: `<b class="rg">Repeating, Group, Fields`)