ESP-1.md 1/24/2020

Emergency Service & Product

Customer Details View

0NF

Customer: (CustomerNumber, FirstName, LastName, Address, City, Province, PostalCode, HomePhone)

1NF - 3NF

No changes to the entity in 1NF through 3NF.

ERD

TODO: Image here

Customer Orders View

0NF

er:

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

1NF

Cder:

OrderNumber, CustomerNumber, FirstName, LastName, Address, City, Province, PostalCode, Phone, Date, Subtotal, GST, Total)

OrderDetail: (OrderNumber, ItemNumber, Description, Quantity, CurrentPrice, SellingPrice, Amount)

2NF

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

Item: (ItemNumber, Description, CurrentPrice)

3NF

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

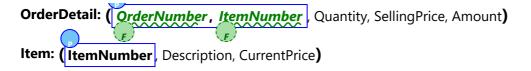
Customer: (CustomerNumber, FirstName, LastName, Address, City, Province, PostalCode, Phone)

Final Entities

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

Customer: (CustomerNumber, FirstName, LastName, Address, City, Province, PostalCode, Phone)

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ERD

TODO: ERD Image here

Legend

This legend is a guide to reading and interpreting the table listings under ONF 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 ONF stage, and will be enclosed in orange curly braces. (e.g.: <b class="rg">Repeating, Group, Fields)

Your solution here