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Known Bugs:

- *Fill in this list when you are finished your solution. Enter `No known bugs` if you have completed all the lab requirements successfully*

Generate PDF from Markdown:

1. Ensure you have the **Markdown PDF** extension to Visual Studio Code installed
2. Open your markdown document
3. Press `F1` to open the Command Palette in VS Code
4. Type `Markdown PDF: Export (pdf)` and press `Enter`

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.: `<span class="md">All, Attributes</span>`).
- **PrimaryKeyFields**
  - Primary key fields will be bold and inside a box. (e.g.: `<b class="pk">PrimaryKeyFields</b>`)
- *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</b>`)

Customer Details View

0NF

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

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

1NF-3NF

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

ERD

> Coming soon (using LucidChart.com)

Customer Orders View

0NF

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

After performing First-Normal Form, a new entity was identified: **OrderDetail**

Order:
(**OrderNumber**, CustomerNumber, FirstName, LastName, Address, City, Province, PostalCode, Phone, Date, Subtotal, GST, Total)

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

2NF

After performing Second-Normal Form, a new entity was identified: **Item**

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

Item: (**ItemNumber**, Description, CurrentPrice)

3NF

After performing Third-Normal Form, another new entity was identified: **Customer**

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

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

Tables after 3rd Normal Form

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

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

Item: (**ItemNumber**, Description, CurrentPrice)

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