YOUR_NAME

Generate PDF from Markdown:

1. Add the **Markdown PDF** extension to Visual Studio Code
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>`)

> *Your solution here*

Customer Details View

0NF

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

1NF-3NF

No changes to the entity/table in 1NF to 3NF.

ERD

- ☐ TODO: Insert Image Here

Customer Orders View

0NF - Identifying the Meta-Data

Order:

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

1NF - Separate Repeating Groups

Order:

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

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

2NF - Separate Partial Dependencies

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

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

3NF - Separate Transitive Dependencies

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

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

ERD

ESP-CustomerOrdersView

Stew Dent | September 23, 2020