

## Completed Assignment 07

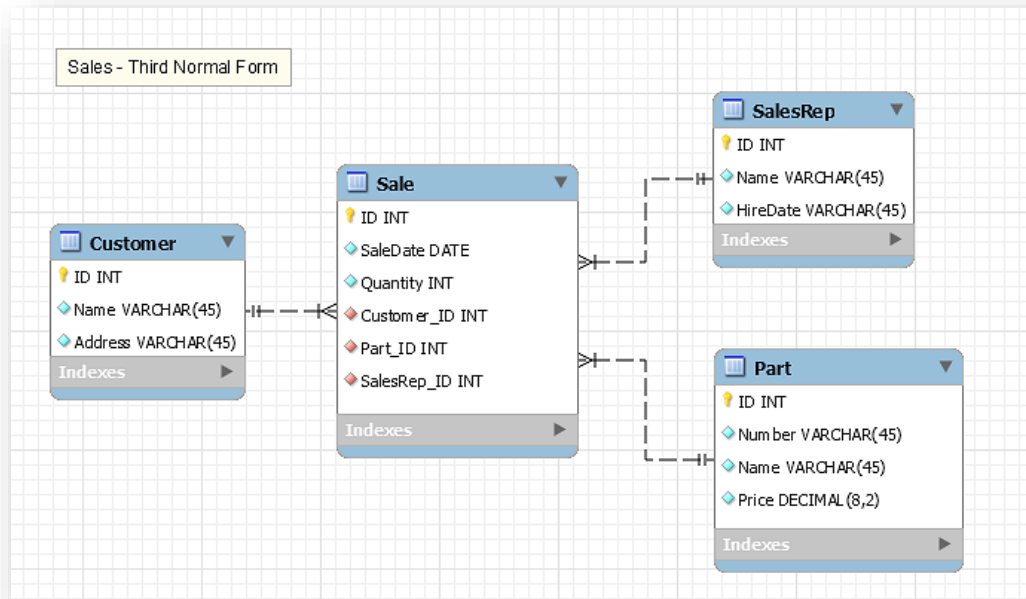
### Inconsistencies

Some inconsistencies are noted below.

ID	SaleDate	Customer	Address	SalesRep	HireDate	PartNumber	PartName	Price	Quantity	Total
1	2017-03-02	Acme Widgets	1234 Easy St.	Jim Morrison	2016-03-12	F006	Green Widget	102.56	2	205.12
2	2017-03-02	Reliable Widgets	425 Main Ave.	Jim Morrison	2016-03-12	F017	Blue Widget	91.15	1	91.15
3	2017-03-12	Acme Widgets	1234 Easy Street	Dan Cornell	2014-12-07	F006	Green Widget	102.56	3	307.68
4	2017-03-22	Acme Widgets	1234 Easy St.	Jim Morrison	2016-03-12	F017	Blue Widget	91.15	2	182.30
5	2017-04-12	Reliable Widgets	425 Main Ave	Dan Cornell	2014-12-07	F006	Green Widget	101.65	2	205.12
6	2017-05-06	Acme Widgets	1234 Easy St.	Dan Cornell	2014-12-07	F0196	Green Widget	102.56	1	102.56
7	2017-05-15	Acme Widets	1234 Easy St	Jimmy Morrison	2016-03-21	F016	Bleu Widget	91.15	2	182.03

Below is the EER diagram for the database

All these tables are all in Third Normal Form. Note that Total isn't stored anywhere. Instead, it can be computed whenever it's needed.



### Completed SQL

The SQL file Assignment07Completed.sql will create this database and load the tables. Notice the query at the end of the file. That query "reproduces" the First Normal Form data, including the Total value.