1: **Make use of Foreign Key to block entries without specifying a primary key.**

CREATE TABLE Order-Item

(

OrderNumber int PRIMARY KEY FOREIGN KEY NOT NULL,

ItemNumber int PRIMARY KEY FOREIGN KEY NOT NULL,

Quantity int NOT NULL,

TotalPrice float NOT NULL

)

2: **Usage of Unique Constraint upon the two primary keys to ensure no duplicate values are made.**

CREATE TABLE Order-Item

(

OrderNumber int PRIMARY KEY FOREIGN KEY UNIQUE NOT NULL,

ItemNumber int PRIMARY KEY FOREIGN KEY UNIQUE NOT NULL,

Quantity int NOT NULL,

TotalPrice float NOT NULL

)

3: **Creation of Clustered Unique Index to allow efficient processing of order items.**

CREATE UNIQUE INDEX Order\_Index

ON Order (OrderNumber, CustomerID, OrderDate,

Date Received,CreditCardType , CreditCardNumber,

ExpectedDelivery ,SalespersonLName ,SalespersonFName ,SalespersonMName

Tax, PreTaxTotal ,GrandTotal )

CLUSTER

4: **Take advantage of VIEW function to separate the unfilled to filled orders.**

CREATE VIEW [Current Order] AS

SELECT Order Table

WHERE Unfilled = NO;

5: **Storing the values would allow to quickly get results of the calculations although that would be entail investing resources into it since you need it up and ready while Computing as needed will save resources but will take more time in getting the result as the calculation has not been done yet.**