**Updated/Revised Notes for Presentation**

Assumptions:

A customer must have a trek booked to rent or purchase gear.

Customers can go on multiple treks.

Multiple customers can go on a single trek, such as a family booking a trek together.

A trek will always have at least one guide.

Not all employees have been on, or will supervise, a trek.

Not all customers will have to rent or purchase gear; They are permitted to bring their own gear if desired.

Business Rules:

Every Customer goes on one to many treks, creating a record in Trek\_History.

Every Trek\_History contains zero to many Orders transactions.

Every Trek\_History record has one to many guides, recorded in Employ\_Trek\_Hist.

Every Trek will have a history of one or many Trek\_History records, the number of records will depend on the number of customers booking the Trek and the date of the trek.

Not every Employee will go on or manage treks, recorded in Employ\_Trek\_Hist; An employee can go on zero or many.

Every Order contains one to many Order\_Details depending on the number of items ordered.

Each Order Detail contains one item from Inventory.

Final ORD

