In **Content >> Resources** you will find multiple excel spread sheets a leather store in Chicago.  Normalize and Import these excel files into separate relations using a relational DBMS (Oracle, MySQL, or MS SQL Server).

Notes:

* The orders table has information about customers which should be split into multiple tables: orders, customers, addresses, etc.
* A customer can have multiple address
* Each product belongs to a category
* A Products\_to\_category table maps products\_id to categories\_id
* Every order has a status
* Every product has a status (in stock, out of stock)
* Products need to be placed on order when quantity is less or equal to 2

**PART 1 (5 Points): Create Database Scheme**

Develop an ERD Diagram for the shopping cart and create all tables into a RDBMS of your choice. Submit a script with all create table commands (need to identify keys, foreign keys and other constraints). When done submit SQL Queries to answer the following:

1. Find all products missing a product model number?
2. Find all products with over $500 and less than $699?
3. Find all products that need to be ordered?
4. Find all products in Leather Laptop Cases category?
5. Find all Categories with the keyword “women” in the text?
6. Find all categories added in 2014?
7. Find all categories added before 2014 and has not been modified?
8. Find all products to all main categories (main category has no parent)?
9. Find all products that are Tote Bags?
10. List all product models that does not start with word “BAG”

**Part 2 (10 Points): Answer the following queries using SQL:**

1. Find all customers without orders?
2. Find all customers not in the US?
3. Find the ids of all customers who subscribe to newsletter emails
4. List the names and orders total for female customers?
5. Group orders by category of products ordered and list (category name, order total, products ordered and date of orders) >
6. Find all customers with orders?
7. Find all customer names and addresses for those customers with orders having t a pending status?
8. Find the total shipping cost for orders that have been shipped to the US or United Kingdom?
9. Find the total for all orders shipped to international destination?
10. Write your own query that span multiple tables?
11. Generate a mailing list for the companies news letter.