Description of Online Sports Store

Major Characteristics:

1. Online Sports store is organized in branches. Each store is located in a city and identified by a unique name.
2. Any customer he/she first connects to the store website namely www.sportsera.com and will be able to browse through the items based on the item category (for example Fitness, Clothes, Shoes, Accessories, Team Sports, Action Sports, Golf, Games, Outdoors, Sale).
3. Customer can search for the items based on the specified description (for e.g. Gender, Age, Price, Size, Cost, Categories, description ID) and then add to the shopping cart.
4. Any customer willing to checkout an item can register on the website. To register, the customer supplies a user ID, password, first name, last name, Phone number ,Gender, Birthdate and Billing Address. After registration customer can checkout the item.
5. After purchasing the item, the customer can rate the item and place comments (reviews) on the website.
6. The customer can check the status of the order online.
7. Information about the store contains – description about the store, customer service email address and customer service number.
8. The customer applications for the online store are – browse the store, registration, select the desired item and place in the shopping cart, payment process, track order and write comments.
9. The store employee operations will be able to list the customers and their recent purchases, list the customer's mostly purchasing specific items and send an email of new items to a specified list of customers (customers who opts for receiving email offers during registration).

Schema represents minimal information required to store information of a shop and products to sell.

Entities:
Users include Store Manager, Employees and Customers
Order and Order details
Comment and Reviews about the item

Member:
Member ID
Username
Password
Email
Full Name
Address
Phone Number
Gender

Birthdate

Product:
Product ID
Product name
Product type
Product Description
Stock
Price
Image Source

Cart:
Cart ID
Member ID
Product ID
Quantity

Transaction:
Transaction ID
Member ID
Product ID
Quantity
Approval status

Rating:
Rating ID
Member ID
Product ID
Value

Comment
Comment ID
Member ID
Product ID
Message