ER Model:

After confirming with the client, the entities and their attributes, identifiers are:

- Stores:*StoreID, StoreName, Location, Contact.
- Employees: *EmployeeID, SSN, name, gender, DoB, position, salary, AffiliateStore.
- Vendors: *VendorName, Address, ContactPerson.
- Products: *Name, Price, Quantity, Description.

The relationships among these entities are.

- A store may have many employees; and one employee must work for one store.
- A store may sell many products, and each product can be sold at many stores.
- A product must belong to one and only one vendor; and a vendor may provide one or more products.
- An employee must be supervised by another employee; and an employee may supervise many other employees.

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