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COMC 2750 Exercise 1H

**Description:**

Paul Jenkins runs a small computer parts store. His store keeps track of parts, companies, and the market value of the parts. He also keeps information on the companies handy in case he or a customer has questions or issues with the parts. He also has a system in place that keeps track of who issues a transaction, what the customer buys, information on the customer, and what price they pay.

**Use Cases:**

* As a customer, I want to add an item to my transaction.
* As an employee, I want to add a sale.
* As an employee, I want to add a customer.
* As an employee, I want to edit customer information.
* As an employee, I want to add an item to a sale.
* As an employee, I want to get a list of products.
* As an employee, I want to get a list of my sales.
* As an employee, I want to get a list of customers.
* As an employee, I want to edit the price of a product.
* As an employee, I want to get a list of total sales.
* As an employee, I want to add an employee.
* As an employee, I want to add a product.
* As an employee, I want to remove a product.
* As an employee, I want to add a company.
* As an employee, I want to remove a company.
* As a company, I want to add a product.
* As a company, I want to remove a product.

**Business transactions:**

* Sale (saleId, saleDate, saleTotal)

**Transaction line items:**

* Product (name, productId, price)

**Product or service related to a transaction:**

**Roles of people:**

* Customer (customerId, saleHistory)
* Employee (employeeId, saleHistory)

**Place of transaction or service:**

* ComputerStore (storeId, name)

**Noteworthy events:**

**Physical objects:**

* People (firstName, lastName, phoneNum, address, city, state, zip)

**Descriptions of things:**

* Company (companyId, name)

**Catalogs:**

**Containers of other things**:

**Things in a container:**