

## COMP 3700

### Course Project - Iteration 1 - Data flow and organization analysis

This assignment is the next step of the assignment on use case analysis.

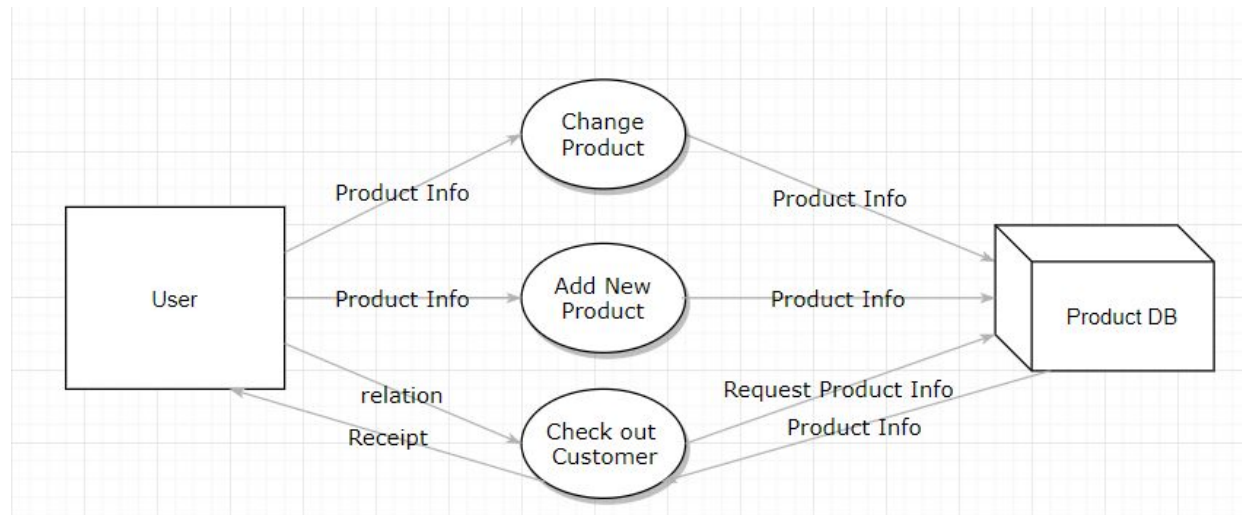
Task 1. Draw a general Data Flow Diagram and three more detailed Data Flow Diagrams (each for a use case) of the Store Management System.

Task 2. Draw an Entity Relationship Diagram for the data of the Store Management System. You should identify all possible attributes and a key for each entity or relationship.

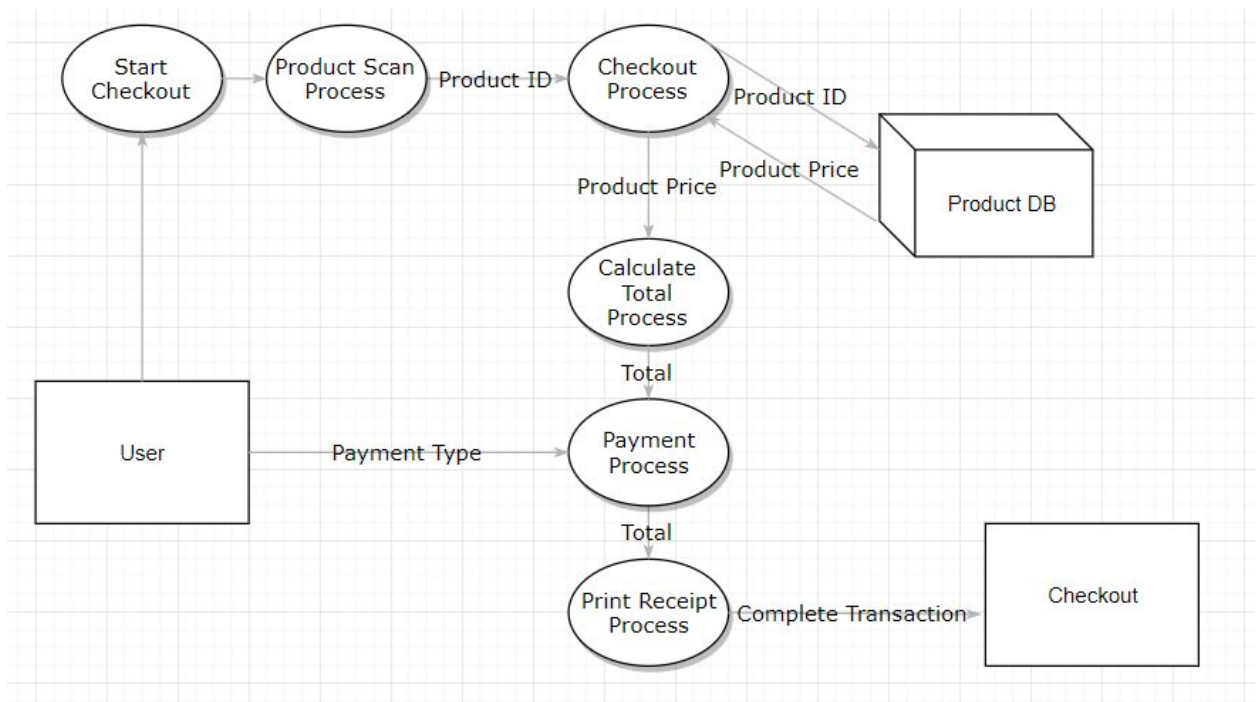
Task 3. Create a sample dataset with at least five products and five orders.

1. Task #1

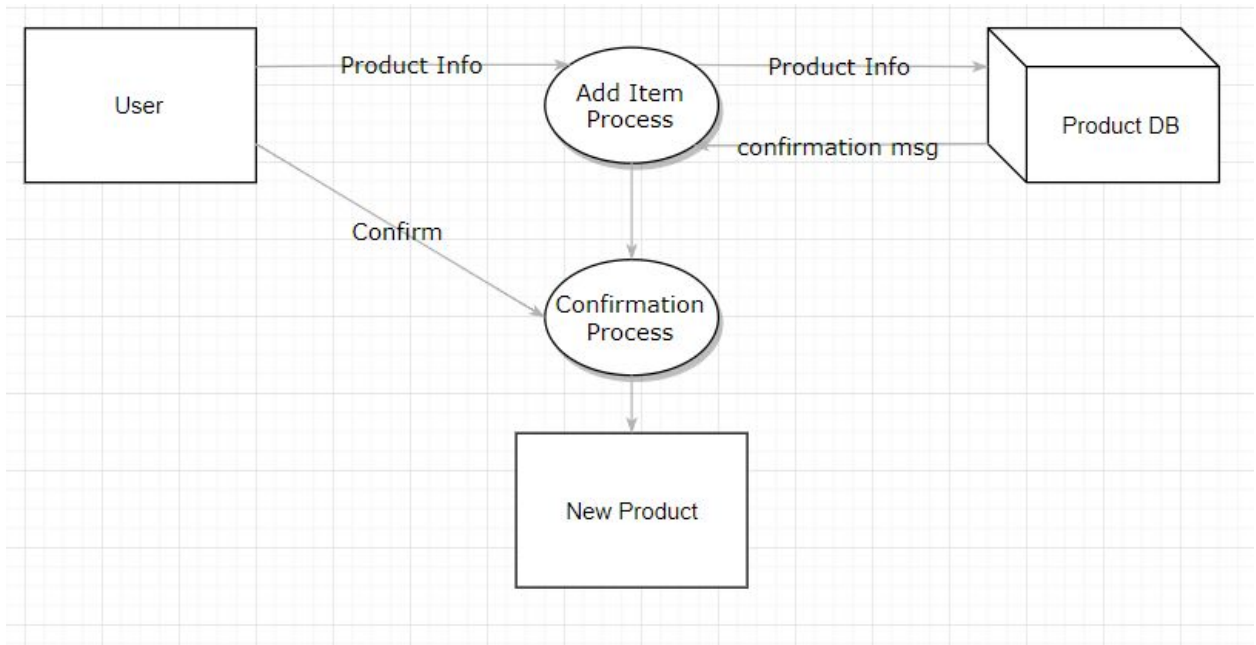
a. Basic Use Case:



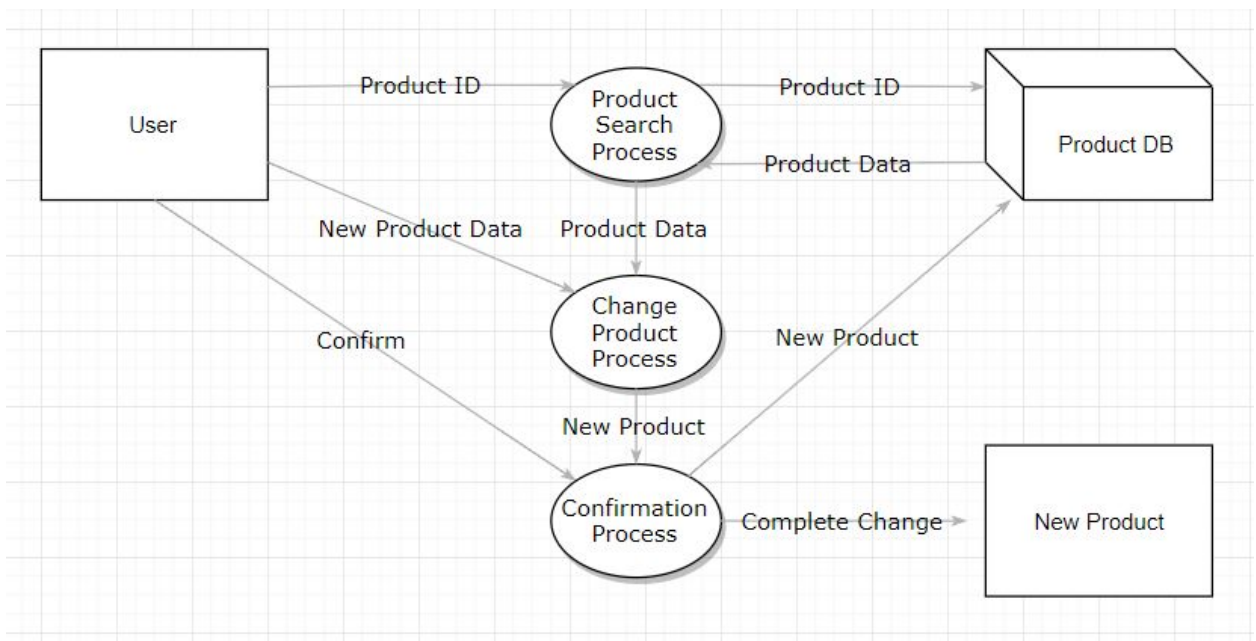
b. Checkout:



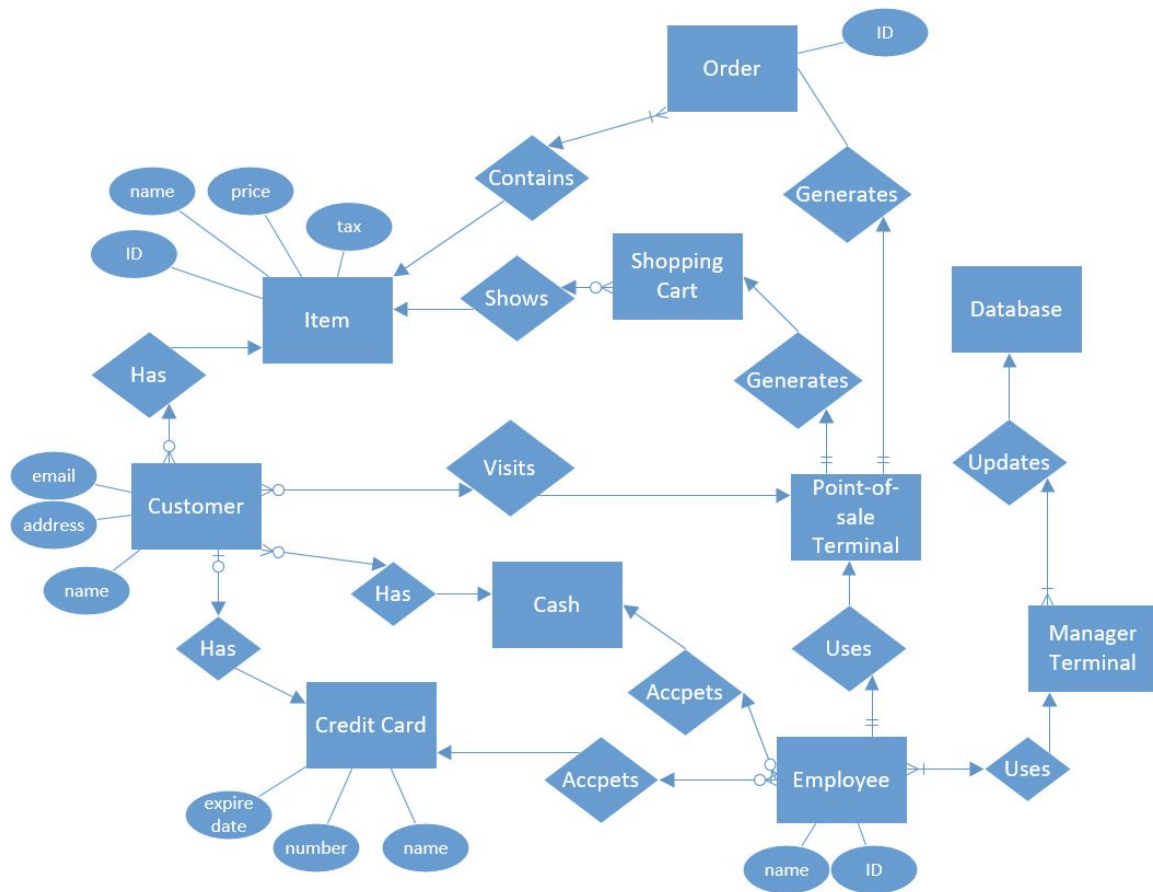
c. Add Item:



d. Change Item



## 2. Task #2



3. Task #3

ID	Name	Price	Tax Rate	No. of Products
101	Bunch of Bananas	3.58	.08	122
102	Dane's Bread	2.95	.08	45
112	Eggs	2.62	.08	176
132	Milk	3.10	.08	39
195	Pop tarts	2.27	.08	54

ID	Total	Customer Name	Payment Type
12312	45.93	Katie	Cash
14145	27.95	Jack	Cash
56754	13.62	Bill	Credit
23633	67.10	John	Debit
23465	12.27	Smith	Cash