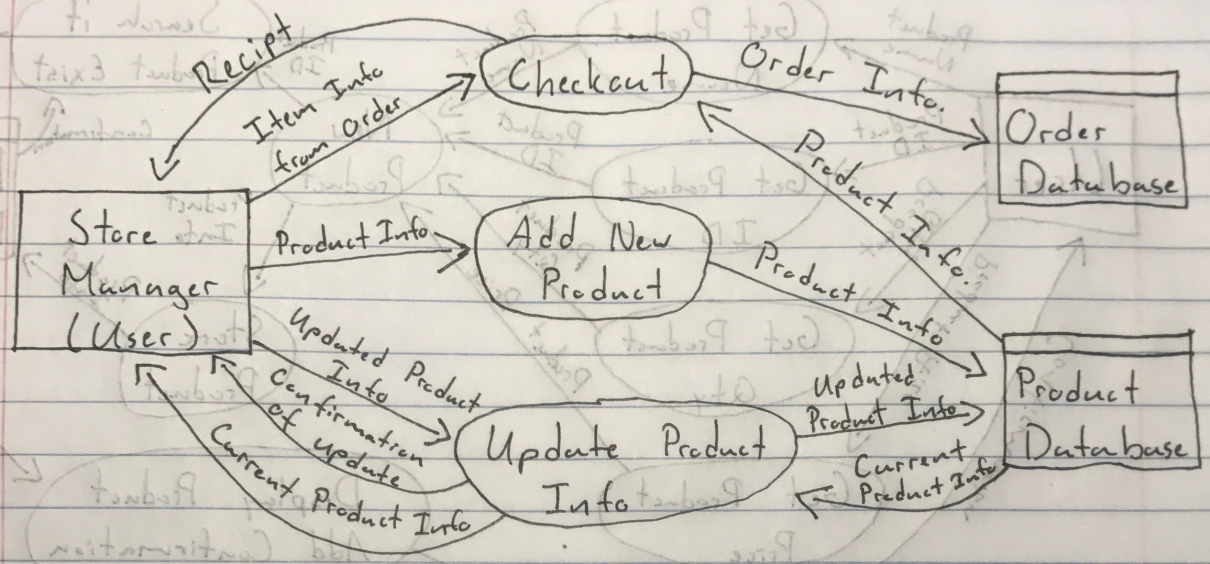
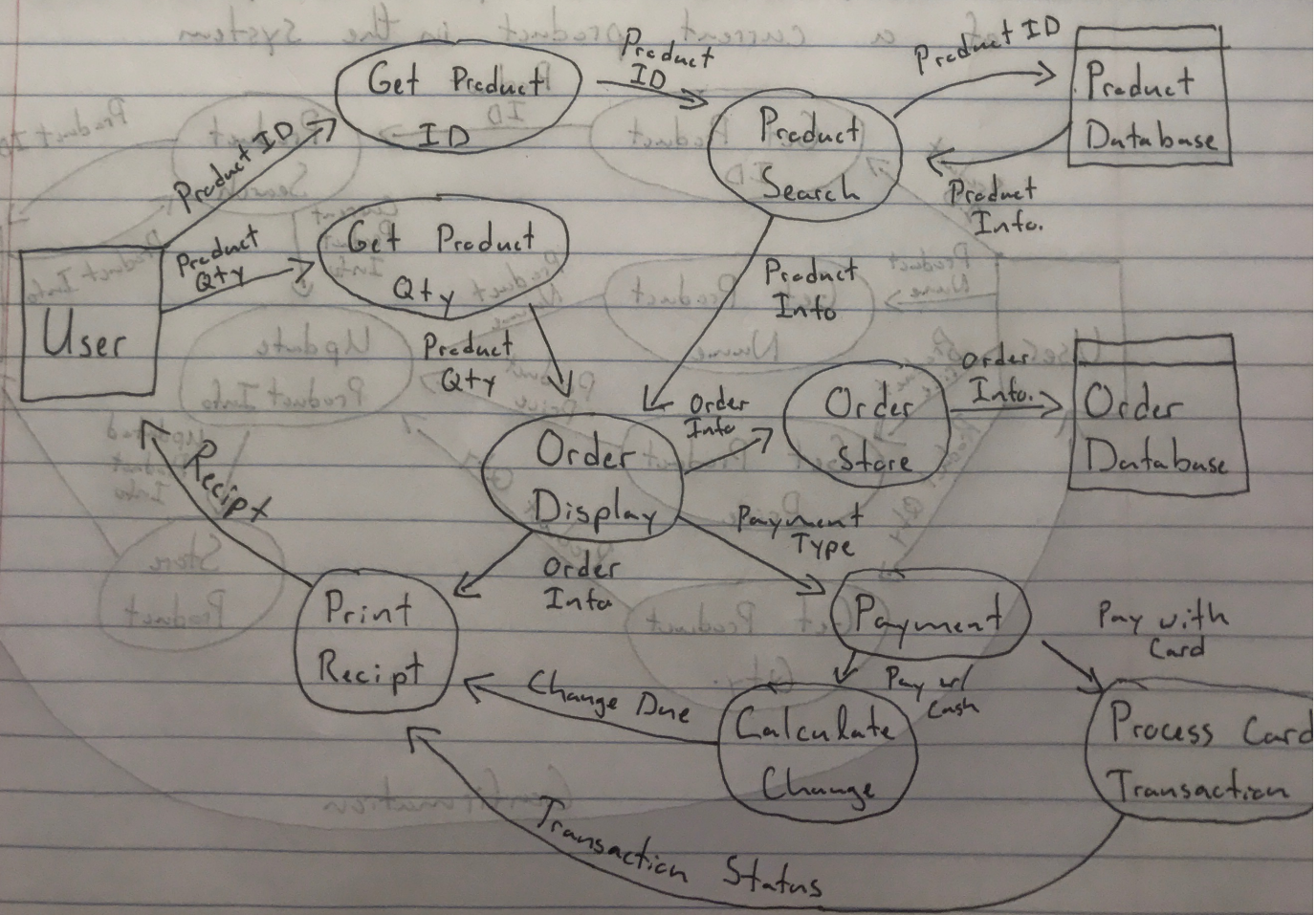
COMP 3700 Course Project - Iteration 1

Data Flow Diagram

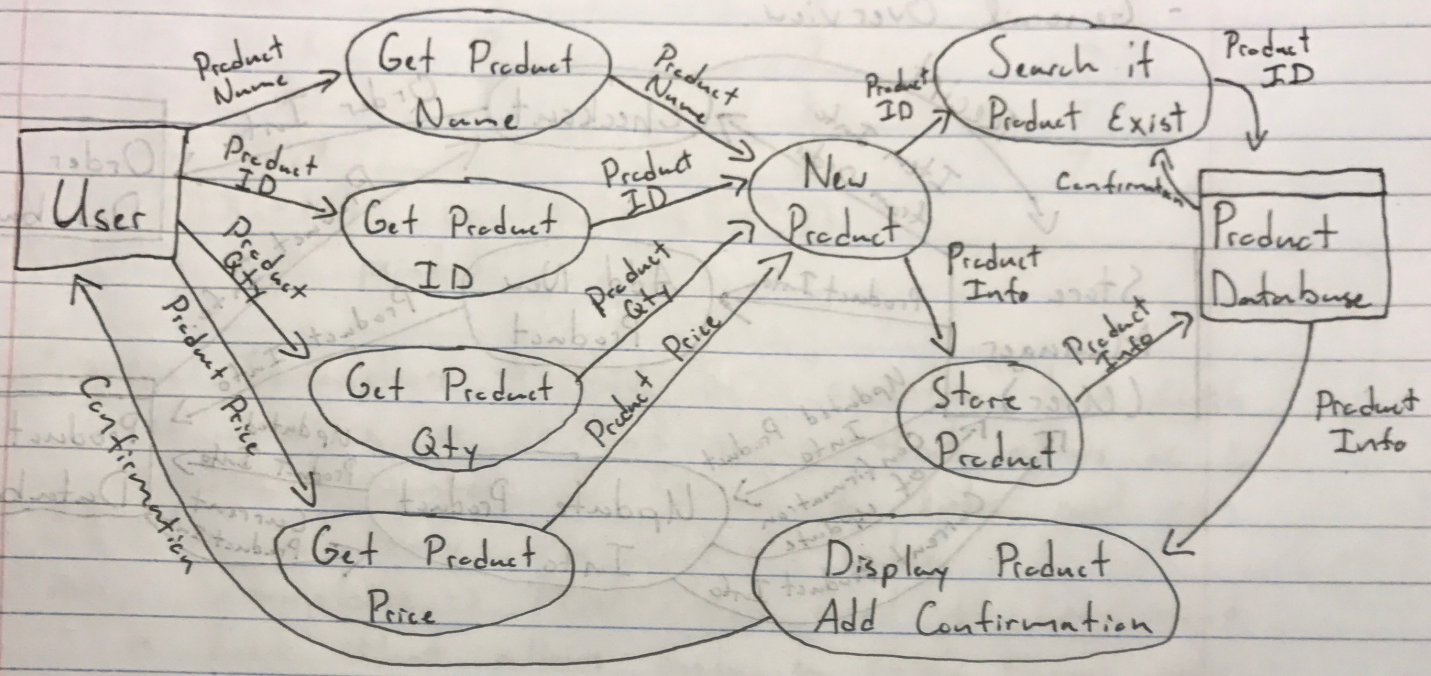
- General Overview



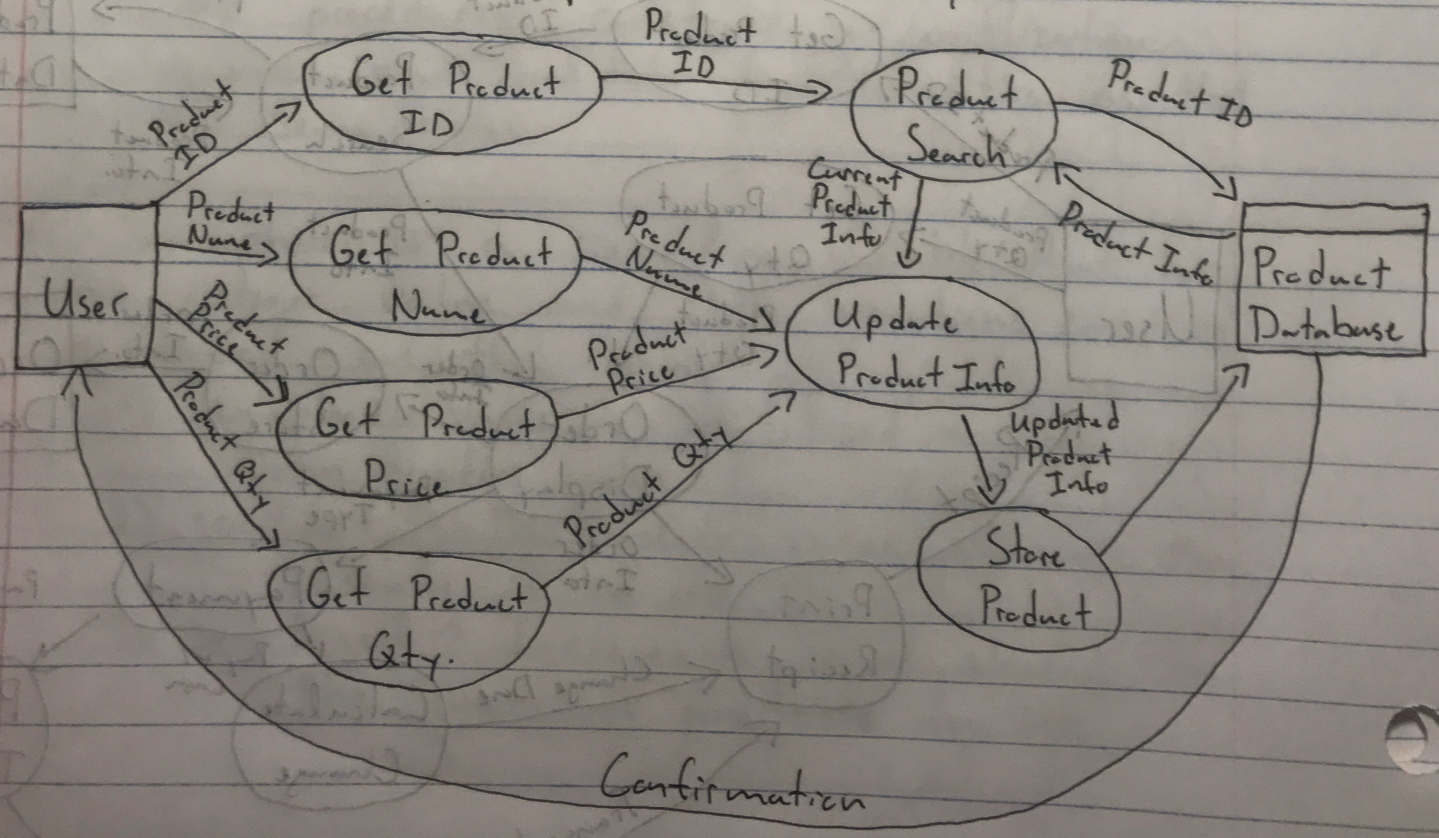
1. As a User, I want to check out an order in store for a Customer



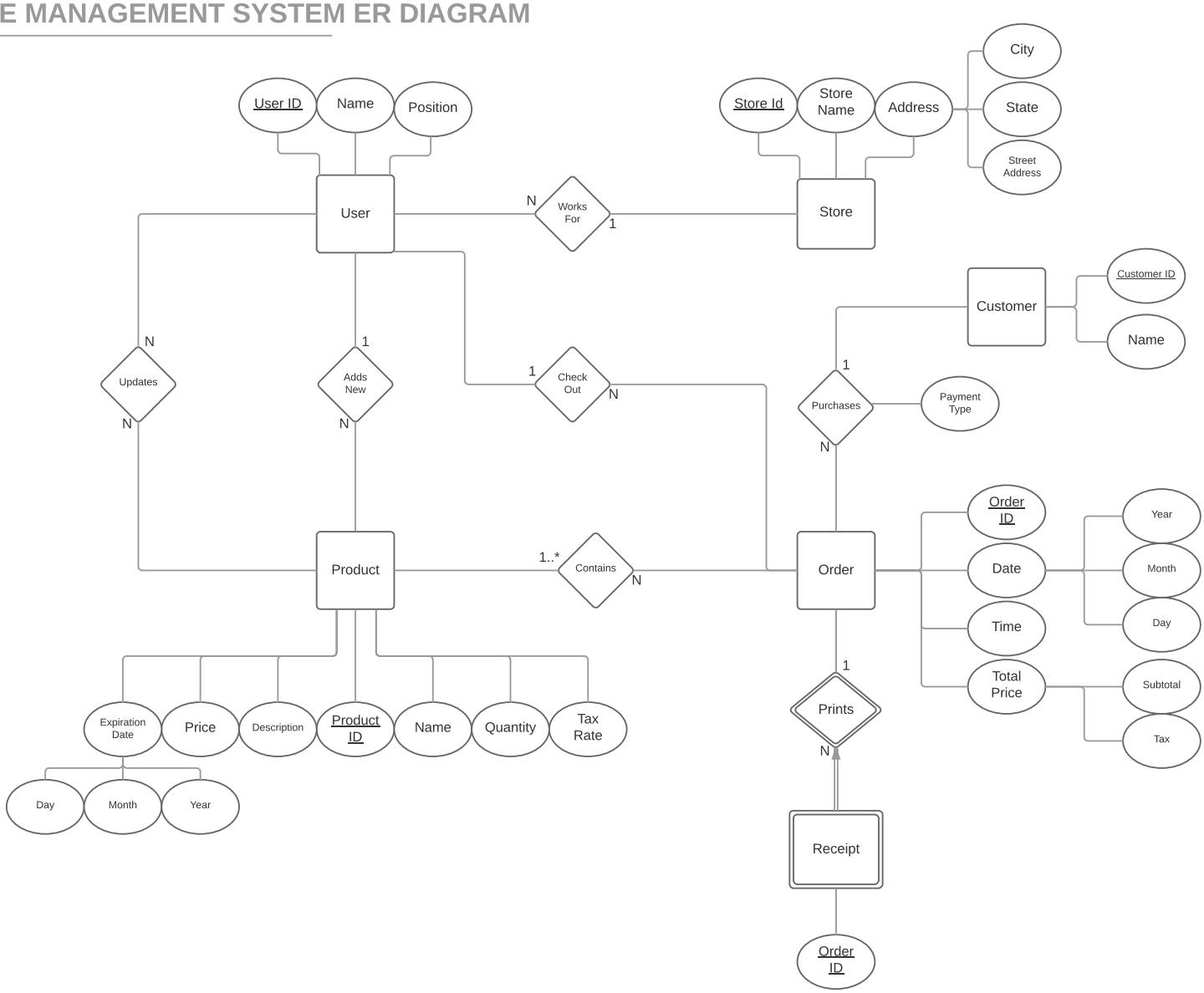
2. As a User, I want to add a new product.



3. As a User, I want to update the product info of a current product in the system



STORE MANAGEMENT SYSTEM ER DIAGRAM



Sample Products						
Product Name	Product ID	Description	Experation Date	Quantity	Price	Tax Rate
Apple	1	Red Delicious	10/13/2017	50	$1.75	6.00%
Bananna	2	Contains 10 Banannas	10/15/2017	30	$2.00	6.00%
Eggs	3	Contains 12 eggs	10/17/2017	40	$2.75	8.00%
Milk	4	Whole Milk	10/5/2017	70	$2.50	8.00%
Bread	5	Contains 20 slices	10/6/2017	45	$3.00	6.00%
Cheese	6	Shredded Cheddar	11/27/2017	60	$4.00	8.00%
Steak	7	Contains 2 T-Bones	10/4/2017	35	$10.00	5.00%

Sample Order				
Order ID	Date	Time	Product ID:Quantity	Total Price
1	9/20/2017	8:00:00 AM	[(1,3), (3,2), (4,1)]	$13.25
2	9/20/2017	10:00:00 AM	[(3,1), (4,2), (6,1), (7,2)]	$31.75
3	9/21/2017	3:00:00 PM	[(2,2), (4,1), (6,2)]	$14.50
4	9/22/2017	11:00:00 AM	[(1,2), (4,2), (5,1), (7,1)]	$21.50
5	9/22/2017	2:30:00 PM	[(2,1), (4,2), (6,1), (7,1)]	$21.00