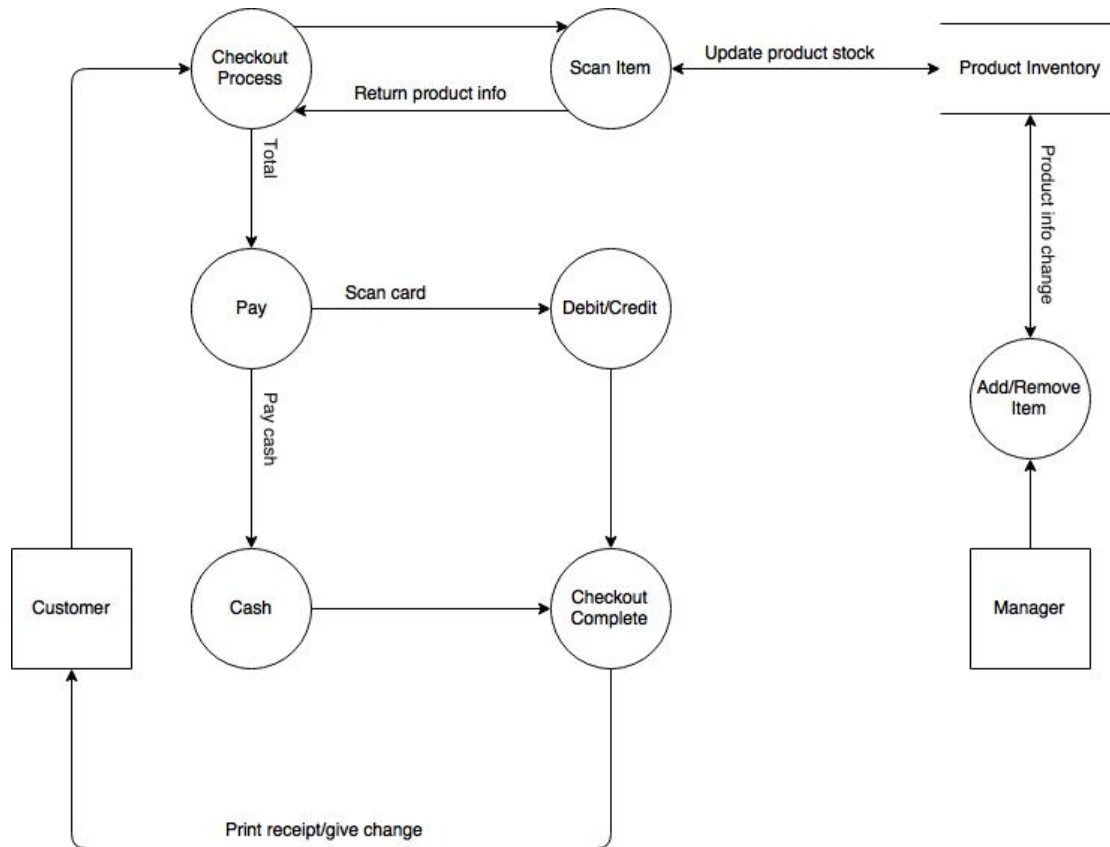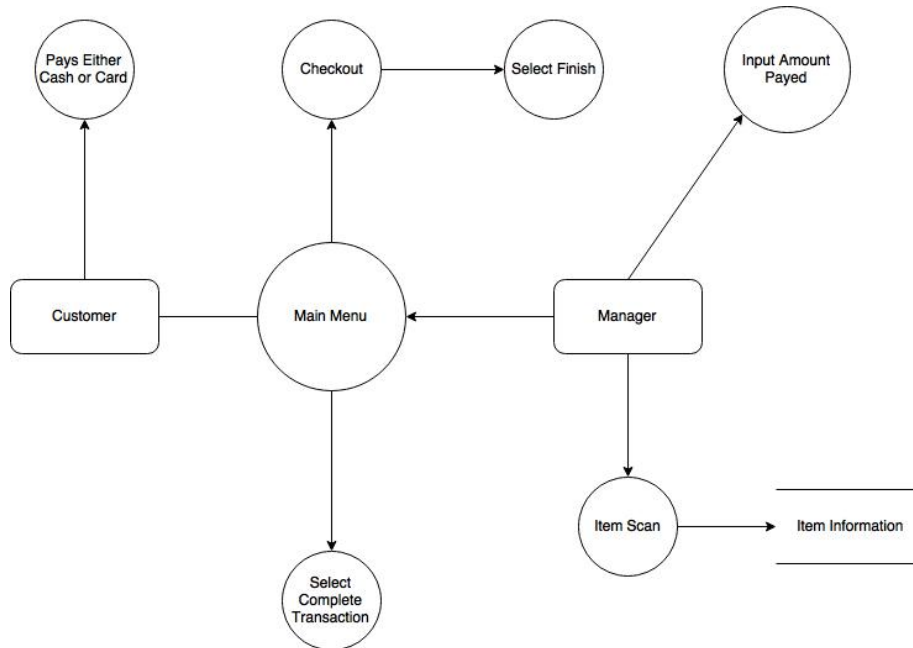Cameron Jewell   Garrett Crowder
9/21/17
SM&D
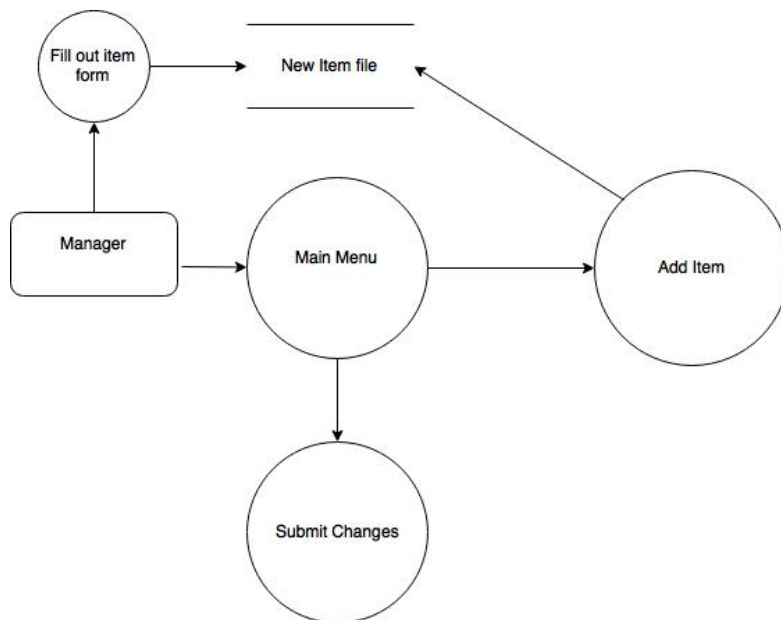Course Project Iteration 1 Data Flow

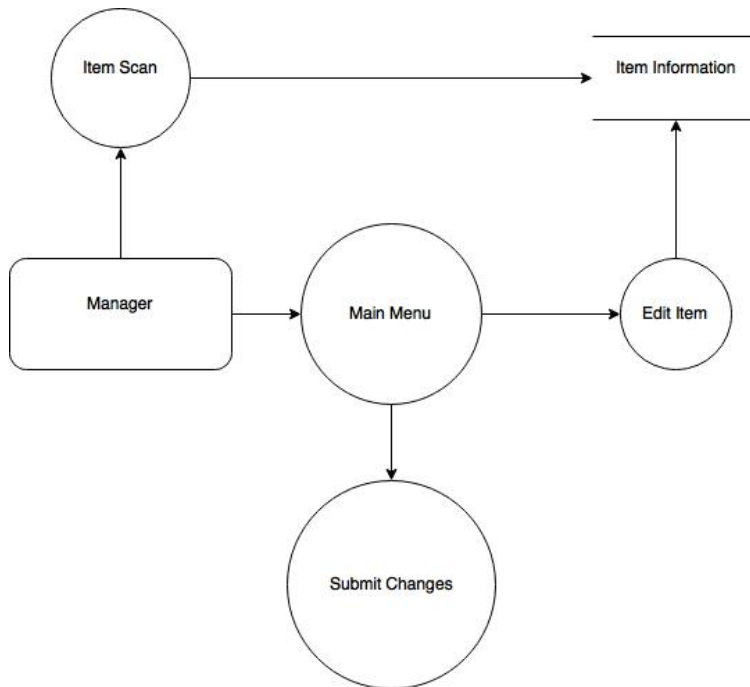1. General

Specific Use Case Data Flow Diagrams

- As a user, I want to check out an order in store for a customer.
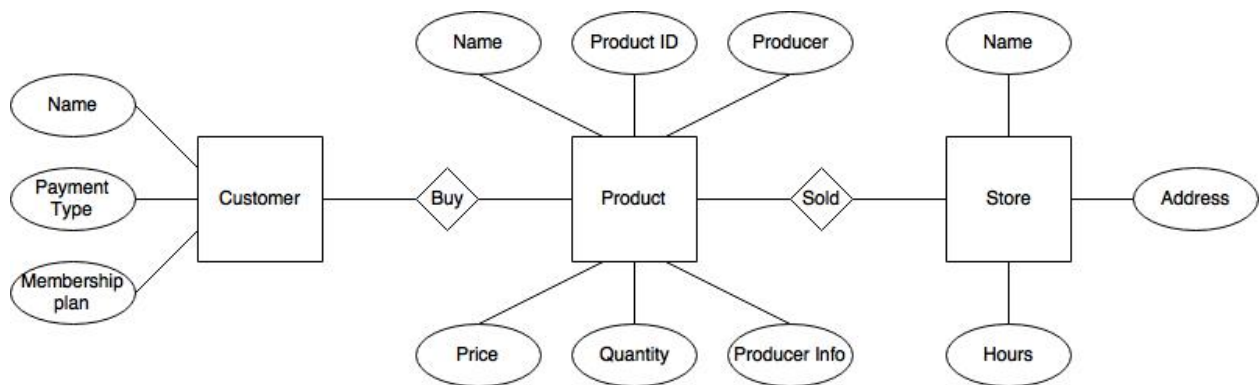

- As a user, I want to add a new product into the system.

- As a user, I want to update the product information.

2. Entity Relationship Diagram

3. Sample Dataset (5 customers, 5 items each)

Customer 1 – pays with cash – change back: $4.00

Item	Price	Quantity
Toilet Paper	$3	2
Apple	$2	4
Grapefruit	$3	5
Pens	$5	1
Sunflower Seeds	$2	1
Total	$ 36.00	

Customer 2 – pays with credit card

Item	Price	Quantity
Bottled Water	$4	2
Cheese	$3	1
Charcoal	$7	1
Ground Beef	$5	2
Buns	$2	2
Total	$ 32.00	

Customer 3 – pays with debit card

Item	Price	Quantity
Beer	$9	3
Bread	$3	1
Butter	$5	1
Ice Cream	$4	2
Yogurt	$4	4
Total	$ 59.00	

Customer 4 – pays with check

Item	Price	Quantity
Orange	$3	3
Lemons	$2	7
Limes	$2	6
Milk	$3	1
Eggs	$4	1
Total	$ 42.00	

Customer 5 – pays with food stamps

Item	Price	Quantity
Wine	$12	2
Frozen Pizza	$5	1
Chocolate	$4	3
Tissues	$5	2
Eye drops	$5	1
Total	**$ 56.00**	