

ADT

Class: Shopping Cart Driver

Methods: - Process Line In File (string filename)

Pre: There exists a text file Post: Go over the file, lineby line.

Parameter: String text file

re: File exists and string is not empty.
Post: line is split in words & stored in array.

Basic Post: line is split in words & stored in curray.

Nethods Get first word and go to designated method

Shopping (art insert (String [] input)

driver Pre: First element in array of the

Pre: First element in array of string is insert.

Post: store elements of array to designate avariables
and construct a subclass of either clothing,

Grownes of Electronics. Print summary.

Parameters: Among of strings

· search (string[] input)

Pre: First element in array of strong is search.
Post: Print number of objects with the same

name

Parameters: Among of strings

Class: Electronics

class)

Methods: · calculate Price ()

Pre: Item has a valid number for price. Post: returns price after calculations

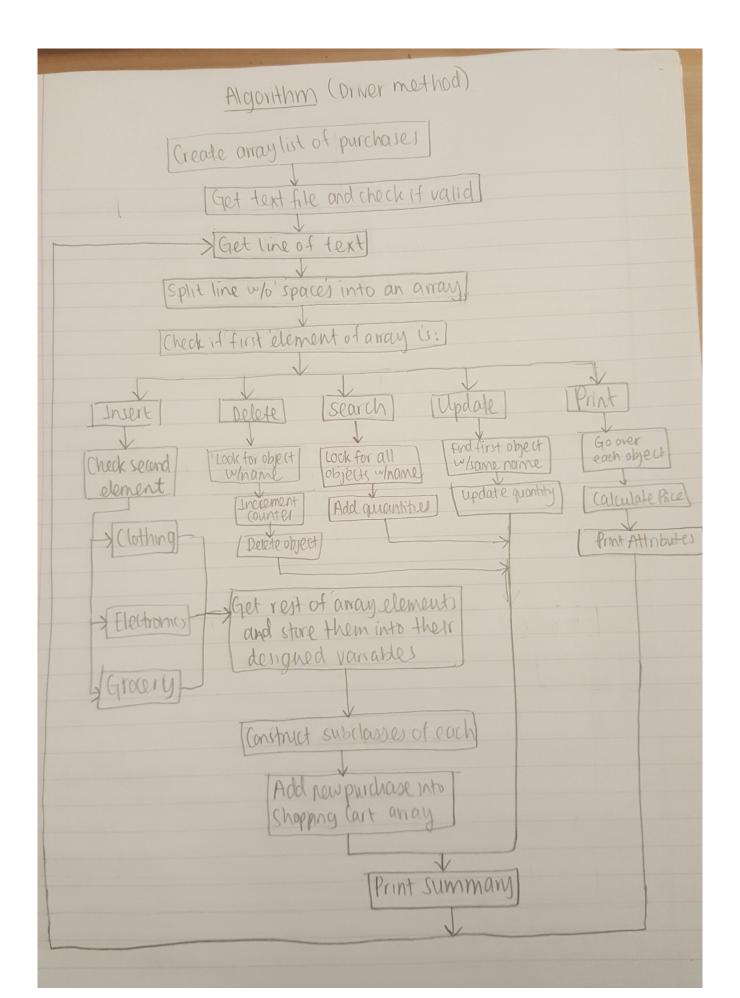
· calculate Tax (string state)

Pre: state is a valid us state

Post: calculates Tax based on the state.

Parameters. State where object will be shipped

(Methods are very similar to the methods in Erroceny class and Clothing class)



Shopping Cost Use Case Insert Items Shopping Vsen (Vodate Item Quantity)

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Shopping Cent UML			-	
	Item			
	- Nane			
	· Price			
	· Quantity			
	• Weight			
	· Calculate the price			
· Calculate stander		I shipping cost		
	- Colculate premium shipping			
	l. Colculate tax		240) 4-1-1-1-1-1	
(Print item attributes				
8 2 7	7	Ais a		
		Clothing	Vises	
Perish able / Mans nevishable 12				
(a 15-1 a ole / 10 oll - per 15-10 ole)		Shopping Cart Driver		
· Get perishability		· Shopping Cart		
Flo. 4	Electronics		• Insert iten	
	- Fragile / Non-fragile		· Searly for item	
· State	· State to be shipped 11		· Delete iten	
• Get	• State to be shipped • Get tragility		· Update item quantity	
· Check	· Check it a volid state		· Print iten attributes	