



Summary: Instore Purchase

The information in this document is intellectual property of Joshua Moore

Joshua Moore 803-521-5411 jsm4@g.clemson.edu

Brands Who Sign Up W/ Snip: How Their Info is Stored | Hash Table Structure

M&M's		Frito-L			Tide		Jell-O		
(Coke		Pepsico		0	Dawn		etc.	
					1	-		$\overline{}$	
	Coke Zero (12)			Diet (8oz)		Diet (Cans)		etc.	

Hash Table With All Brands

Brand can be found by using first section of UPC Code

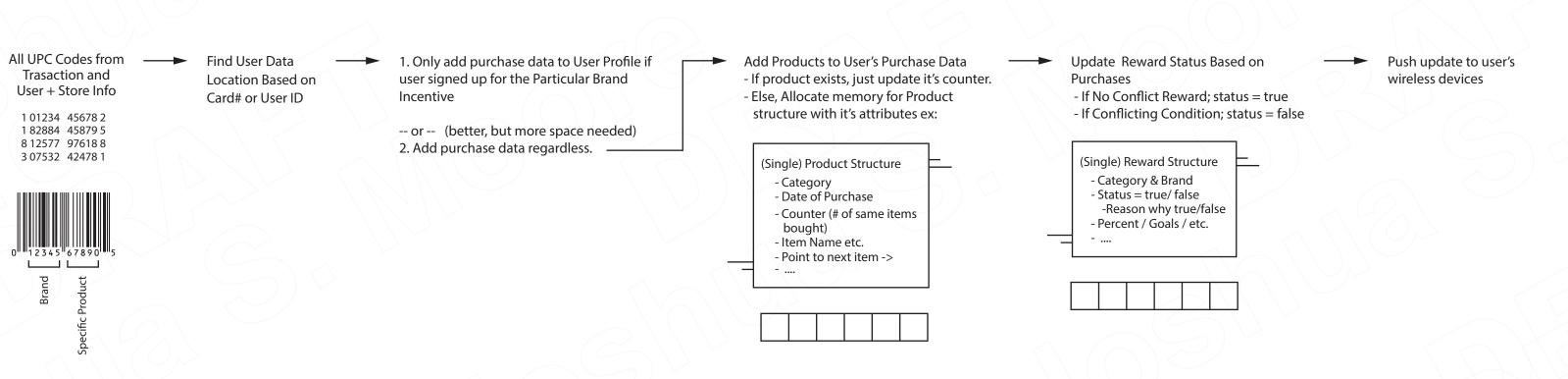
Hash Table With Products that Brand Sells
Product Hash Table lives with Brand Location

Product can be found by using second section of UPC Code

Maybe keep track of parent companies seperately, ex: Pepsico = FritoLay + Pepsi + Gatorade + Quaker + ...

User Profile (more to be added/ revised) (Separate Structure)

General Algorithm for Updating User Program Progress. Fine Details and steps in between steps need to be added.





Summary: What server does after transaction complete.

Updates user incentive status. Updates user purchases. etc.

How Info Stored

The information in this document is intellectual property of Joshua Moore

Joshua Moore 803-521-5411 jsm4@g.clemson.edu