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CST-115

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Dr. Charles Lively

Milestone 1

Storyboard:

Boss or Customer?

Boss

Delete

Add

Customer

Show inventory

Select Product

List Available Products

Proceed?

Delete item within Product?

Delete Product?

Add to existing

Product?

Add New

Product?

If No

Go to: List of Available Products

If Yes

Take $

Dispense Change?

Update Balance

UML Diagram: Product Class

**Product**

-productName: String

-productList: String[]

-priceList: double[]

-productPrice: double

-productQuantity: int

+Product(productName: String)

+getProductName(): String

+getProductPrice(): double

+updateQuantity(productQuantity: int): void

UML Diagram: Dispense Class

-getChange(change: double): void

-getProduct(product: String) void

-updateBalance(balance:double): void

+updateQuantity(productQuantity: int): void

-productList: String[]

-priceList: double[]

-productChoice: String

-amtPayed: double

-change: double

-balance: double

-productQuantity: int

**Dispense**