COMP 3700 Project 3 Design Document

User stories:

- As a user, I want to change my password and/or full name.  
- As an admin, I want to add a new user into the system.  
- As an admin, I want to update the type/class of a user into the system (e.g., from cashier to manager).  
- As a manager, I want to add a new product or update a current product in the system.  
- As a manager, I want to view a summary report of sales from the system.  
- As a cashier, I want to add a new customer or update a current customer in the system.  
- As a cashier, I want to add a new purchase or update a current purchase (only price and quantity) in the system.  
- As a customer, I want to add a new purchase into the system.  
- As a customer, I want to view my purchase history into the system.  
- As a customer, I want to search for product information (based on name, price) in the system.

Use cases:

- User changes password

User View

Change password: \_\_\_\_\_\_\_\_\_

Confirm new password: \_\_\_\_\_\_\_

submit

- Admin adds new user

Admin View

Name: \_\_\_\_\_\_

Email: \_\_\_\_\_\_\_

Number: \_\_\_\_\_\_

add new user

- Admin changes user from cashier to manager

Admin View

User Name: \_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_

Number: \_\_\_\_\_\_\_\_\_

Status:\_\_\_\_\_\_\_\_\_\_

update current user

- Manager adds new product

Manager View

ProductID: \_\_\_\_\_\_\_\_\_

Product Name: \_\_\_\_\_\_\_\_

Price: \_\_\_\_\_\_\_\_\_\_

add new product

- Manager views summary report

Manager View

Recent Sales Summary

Purchases:

-purchase1 4.99

-purchase2 10.25

- Cashier adds new customer

Cashier View

CustomerID: \_\_\_\_\_\_\_

Customer Name: \_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_

Phone:\_\_\_\_\_\_\_\_\_

add new customer

- Cashier adds new purchase

Cashier View

PurchaseID: \_\_\_\_\_\_\_\_

CustomerID: \_\_\_\_\_\_\_\_\_

Contents: \_\_\_\_\_\_\_\_\_\_

Total: \_\_\_\_\_\_\_\_\_\_\_\_

add new purchase

- Customer adds new purchase

Customer View

PurchaseID: \_\_\_\_\_\_\_\_

CustomerID: \_\_\_\_\_\_\_\_\_

Contents: \_\_\_\_\_\_\_\_\_\_

Total: \_\_\_\_\_\_\_\_\_\_\_\_

add new purchase

- Customer views purchase history

Customer View

Recent Purchase History:

Purchases:

-purchase1 4.99

-purchase2 10.25

- Customer searches for product information

Customer View

Search: product1

Display ProductID, price, etc.