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

<table>
<tr><td>User View</td></tr>
<tr><td>Change password: _____</td></tr>
<tr><td>Confirm new password: _____</td></tr>
<tr><td>submit</td></tr>
</table>

- Admin adds new user

<table>
<tr><td>Admin View</td></tr>
<tr><td>Name: _____</td></tr>
<tr><td>Email: _____</td></tr>
<tr><td>Number: _____</td></tr>
<tr><td>add new user</td></tr>
</table>

- Admin changes user from cashier to manager

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Admin View

User Name: _____

Email: _____

Number: _____

Status:_____

update current user
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- 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.
```