

## 1. User Use Cases

### a. Change Password or Name

- i. Actors: Any user of the system
- ii. Goals: To update database with new preferred password or name
- iii. Preconditons: Entry exists for a user but they would like to alter it
- iv. Summary: Once updated this information will be required for login
- v. Steps:

Step	Description of System Response
Choose Update User Info Command	Dialog opens for user update
Fill in new name and password	Systems asks for new username and password

Update User

New Username:

New Password:

## 2. Admin Use Cases

### a. Add New User

- i. Actors: System Administrator
- ii. Goals: Add a new user to system with correct type
- iii. Preconditions: No entry for desired user exists
- iv. Summary: Once completed an entry in the database will exist for a user
- v. Steps:

Step	Description of System Response
Choose Add User Command	Dialog opens for new
Fill in name, password, and type	Systems asks for username, password and user type
Confirm and Send	Sends new information to the database

b. Update User Type

- i. Actors: System Administrator
- ii. Goals: Change Users type to something new
- iii. Preconditions: User exists but is not currently the correct type
- iv. Summary: After completion user will be stored as correct type
- v. Steps:

Step	Description of System Response
Choose Update User Type	Dialog opens for user update
Fill in new name and password	Systems asks for the new user type
Confirm and Send	Sends new information to the database

3. Manager Use Cases

a. New/Update Product

- i. Actors: Manager
- ii. Goals: Have new product added to system so it can later be used in transactions
- iii. Preconditions: No entry for the new product exists in the store database
- iv. Summary: Once the product is added all of its attributes will exist in the store database
- v. Steps:

Step	Description of System Response
Choose add new product command	Dialog opens for new product add
Fill in attributes for the new product	Systems asks for product id, product name, price, quantity in stock

Confirm information	Dialog closes if information confirmed as correct
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**Product Entry**

Product ID:

Product Name:

Product Price:

Quantity:

Enter Product into System

Cancel Product Entry

b. Sales Report

- i. Actors: Manager
- ii. Goals: Shows all sales in system
- iii. Preconditions: Sales exist in database
- iv. Summary: This will show a manager all of the stores sales
- v. Steps:

Step	Description of System Response
Choose sales report command	System displays sales currently in system

4. Cashier Use Cases

a. New/Update Customer

- i. Actors: Cashier
- ii. Goals: Have new customer added to system so it can later be used in transactions
- iii. Preconditions: No entry for the customer exists in the store database
- iv. Summary: Once the customer is added all of its attributes will exist in the store database and it can later be used in transactions
- v. Steps:

Step	Description of System Response
Choose add new customer command	Dialog opens for new customer add
Fill in attributes for the new customer	Systems asks for ID, last and first name, phone number
Confirm information	Dialog closes if information confirmed as correct

Customer Entry

Customer ID:

Customer Last Name:

Customer First Name

Phone Number

b. New/Update Purchase

- i. Actors: Cashier
- ii. Goals: Have purchase added or updated in the database
- iii. Preconditions: Incorrect or no entry exists in database
- iv. Summary: Once the purchase is added or changed the database will reflect that
- v. Steps:

Step	Description of System Response
Choose new transaction command	Dialog opens for new purchase
Fill in attributes for the purchase	Systems asks for purchase ID, customerID, productID and quantity
Confirm information	Dialog closes if information confirmed as

	correct
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Purchase Entry

PurchaseID:

Customer ID:

ProductID:

Quantity:

## 5. Customer Use Cases

### a. Add Purchase

- i. Actors: Cashier
- ii. Goals: Have transaction added to system
- iii. Preconditions: No transaction exists in database
- iv. Summary: Once the purchased is added it can be found in the history of transactions for the store
- v. Steps:

Step	Description of System Response
Choose new transaction command	Dialog opens for new purchase
Fill in attributes for the purchase	Systems asks for purchase ID, customerID, productID and quantity
Confirm information	Dialog closes if information confirmed as correct

Purchase Entry

PurchaseID:

Customer ID:

ProductID:

Quantity:

## b. View Purchase History

- i. Actors: Customer
- ii. Goals: Show all of a given customers purchases
- iii. Preconditions: Purchases exist for a given customer
- iv. Summary: After selecting this the customers purchases are printed
- v. Related Use Cases: Check purchase history
- vi. Steps:

Step	Description of System Response
Choose update purchase command	Dialog opens for updating purchase
Fill in new attributes for the purchase	Systems asks for purchase ID, customerID, productID and quantity
Confirm information	Dialog closes if information confirmed as correct

- vii. Postcondition: Accurate entry for purchase now exists

## c. Product Search

## i. Actors: Customer

Product

Product ID:

Product Name:

Product Price:

Quantity:

## ii. Goals: Show product entry given an ID

## iii. Preconditions: Entry for product ID exists in database

## iv. Summary: Other information will be displayed when product is searched for

## v. Steps:

Step	Description of System Response
Choose product search command	Dialog opens for purchase
Fill in purchaseID and enter	Displays other attributes for purchase