Project 2

User Story 1: As a user, I want to add a new product or update a current product in the system.

Case Name: Product Creation

Summary: The user will click on the add product button at the top of the GUI. They will then be prompted by a new GUI that asks for the product’s ID, name, price, and quantity. They will enter the info and click the confirm button on the new GUI. An alert will show that the product was successfully added, the GUI will disappear, and the product will be added to the database.

Home Screen (Manager):

Add Product

Manage Products

Manage Customers

Add Customer

Add Product Screen:

Product ID:

Product Name:

Product Price ($):

Confirm

Quantity:

Case Name: Product Update

Summary: The user will click on manage product at the top of the GUI. Then asked by a new GUI for the product’s ID, name, price, and quantity. They will enter the ID and click load. User will enter their new data and click confirm. Popup will show that the product was successfully updated, the GUI will disappear, and the product will be updated in the database.

Manage Product Screen:

Product ID:

Product Name:

Load

Product Price ($):

Confirm

Quantity:

User Story 2: As a user, I want to add a new customer or update a current customer in the system.

Use Case Name: Customer Creation

Summary: The user will click on add customer. Then asked by a new GUI for the customer’s ID, name, email, and address. They will enter the info and click confirm. A popup will show that the customer was successfully added, the GUI will disappear, and the customer will be added to the database.

Add Customer Screen:

Customer ID:

Customer Name:

Customer Email:

Confirm

Customer Address:

Use Case Name: Customer Update

Summary: The user will click on manage customer at the top of the GUI. They will enter the ID and click load. The other fields will be filled with the customer’s current information. The user will enter their new data and click confirm. A popup will show that the customer was successfully updated, the GUI will disappear, and the customer will be updated in the database.

Manage Customer Screen:

Customer ID:

Customer Name:

Load

Customer Email:

Confirm

Customer Address:

User Story #3: As a user, I want to add a new purchase or update a current purchase in the system.

Use Case Name: Purchase Creation

Summary: The user will click on add purchase at the top of the GUI. They will then be prompted by a new GUI that asks for the purchase’s ID, customer ID, product ID, and product quantity. They will enter the info and click confirm on the new GUI. The system will display the customer, product, date, and pricing details as the IDs and quantity are specified. A popup will show that the purchase was successfully added along with the receipt info, the GUI will disappear, and the purchase will be added to the database.

Manage My Purchases

Add Purchase

Add Customer Screen:

Add Purchase Screen:

Purchase ID:

Customer ID:

Product ID:

Date

Quantity:

Confirm

Pricing Info Here

Case Name: Purchase Update

Summary: The user will click on manage purchase. They will enter the ID and click load. The user will enter their new data and click confirm. A popup will show that the purchase was successfully updated along with a receipt, the GUI will disappear, and the purchase will be updated in the database.

Manage Customer Screen:

Purchase ID:

Customer ID:

Product ID:

Quantity:

Confirm

Load