

COMP 3700

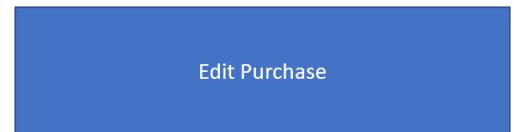
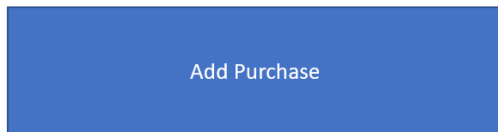
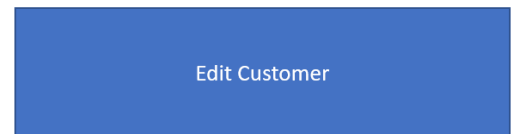
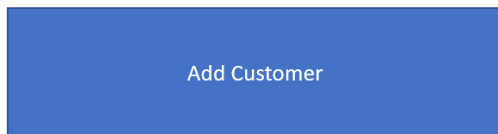
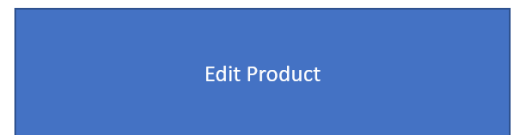
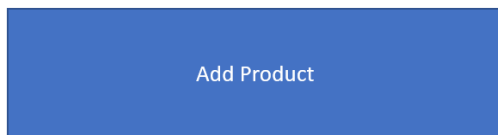
Project 2 Design Document

Charles Painter

Use Case 1: User wants to add a new product to the system.

1. User selects “Add Product” from home screen.

USER - HOME



2. User is presented with Add Product screen.

Add Product

ProductID:

Name:

Vendor:

Quantity:

Price:

Add

Back

3. User inputs data and clicks "add."

Add Product

ProductID:

1

Name:

Bubble Gum

Vendor:

John's Bubble Gum Supply Ltd.

Quantity:

14

Price:

0.99

Add

Back

4. Data is added and the user is shown a message stating the operation was a success.

Product Added Successfully.

Continue

Use Case 2: User wants to edit an existing product.

1. User selects "Edit Product" from home screen.

USER - HOME

Add Product

Edit Product

Add Customer

Edit Customer

Add Purchase

Edit Purchase

2. User inputs the ProductID they want to edit and clicks “load.”

Edit Product

ProductID:	<input type="text" value="1"/>
Name:	<input type="text"/>
Vendor:	<input type="text"/>
Quantity:	<input type="text"/>
Price:	<input type="text"/>

3. The program loads the appropriate data for that product, which the user may now edit.

Edit Product

ProductID:	<input type="text" value="1"/>
Name:	<input type="text" value="Bubble Gum"/>
Vendor:	<input type="text" value="John's Bubble Gum Supply Ltd."/>
Quantity:	<input type="text" value="14"/>
Price:	<input type="text" value="0.99"/>

4. The user edits the data within the fields and clicks save.

Edit Product

ProductID:	<input type="text" value="1"/>
Name:	<input type="text" value="Raspberry Bubble Gum"/>
Vendor:	<input type="text" value="John's Bubble Gum Supply Ltd."/>
Quantity:	<input type="text" value="20"/>
Price:	<input type="text" value="1.50"/>

5. The user is shown a message stating the operation was a success.

Product Edited Successfully.

Continue

Use Case 3: User wants to add a new customer to the system.

1. User selects “Add Customer” from home screen.

USER - HOME

Add Product

Edit Product

Add Customer

Edit Customer

Add Purchase

Edit Purchase

2. User is presented with “Add Customer” screen.

Add Customer

<u>CustomerID:</u>	<input type="text"/>
Name:	<input type="text"/>
Phone:	<input type="text"/>
Address:	<input type="text"/>

3. User inputs data and clicks “add.”

Add Customer

<u>CustomerID:</u>	<input type="text" value="3"/>
Name:	<input type="text" value="Jimmy <u>McJohnson</u>"/>
Phone:	<input type="text" value="(334) 132-4732"/>
Address:	<input type="text" value="123 <u>Ryloth</u> Way, Auburn, AL 36833"/>

4. Data is added and the user is shown a message stating the operation was a success.

Customer Added Successfully.

Continue

Use Case 4: User wants to edit an existing customer.

1. User selects "Edit Customer" from home screen.

USER - HOME

Add Product

Edit Product

Add Customer

Edit Customer

Add Purchase

Edit Purchase

2. User inputs the CustomerID they want to edit and clicks “load.”

Edit Customer

CustomerID:	<input type="text" value="3"/>
Name:	<input type="text"/>
Phone:	<input type="text"/>
Address:	<input type="text"/>

3. The program loads the appropriate data for that customer, which the user may now edit.

Edit Customer

CustomerID:	<input type="text" value="3"/>
Name:	<input type="text" value="Jimmy McJohnson"/>
Phone:	<input type="text" value="(334) 132-4732"/>
Address:	<input type="text" value="123 Ryloth Way, Auburn, AL 36833"/>

4. The user edits the data within the fields and clicks save.

Edit Customer

CustomerID:	3
Name:	Jimmy McJohnson, Jr.
Phone:	(334) 303-3030
Address:	123 Ryloth Way, Auburn, AL 36833

LoadSaveBack

5. The user is shown a message stating the operation was a success.

Customer Edited Successfully.

Continue

Use Case 5: User wants to add a new purchase to the system.

1. User selects “Add Purchase” from home screen.

USER - HOME

Add Product

Edit Product

Add Customer

Edit Customer

Add Purchase

Edit Purchase

2. User is presented with “Add Purchase” screen.

Add Purchase

<u>PurchaseID:</u>	<input type="text"/>
<u>ProductID:</u>	<input type="text"/>
<u>CustomerID:</u>	<input type="text"/>
Date:	<input type="text"/>
Time:	<input type="text"/>
Quantity:	<input type="text"/>
Price:	<input type="text"/>
Tax:	<input type="text"/>
Total:	<input type="text"/>

3. User inputs data and clicks “add.”

Add Purchase

<u>PurchaseID:</u>	2
<u>ProductID:</u>	1
<u>CustomerID:</u>	3
Date:	November 11, 2019
Time:	7:24 PM
Quantity:	2
Price:	3.00
Tax:	0.30
Total:	3.30

SaveBack

4. Data is added and the user is shown a message stating the operation was a success.

Purchase Added Successfully.

Continue

Use Case 6: User wants to edit an existing purchase.

1. User selects “Edit Purchase” from home screen.

USER - HOME

Add Product

Edit Product

Add Customer

Edit Customer

Add Purchase

Edit Purchase

2. User inputs the PurchaseID they want to edit and clicks “load.”

Edit Purchase

<u>PurchaseID:</u>	2
<u>ProductID:</u>	
<u>CustomerID:</u>	
Date:	
Time:	
Quantity:	
Price:	
Tax:	
Total:	

Load

Save

Back

3. The program loads the appropriate data for that purchase, which the user may now edit.

Edit Purchase

<u>PurchaseID:</u>	2
<u>ProductID:</u>	1
<u>CustomerID:</u>	3
Date:	November 11, 2019
Time:	7:24 PM
Quantity:	2
Price:	3.00
Tax:	0.30
Total:	3.30

Load

Save

Back

4. The user edits the data within the fields and clicks “save.”

Edit Purchase

<u>PurchaseID:</u>	2
<u>ProductID:</u>	1
<u>CustomerID:</u>	3
Date:	November 11, 2019
Time:	7:24 PM
Quantity:	4
Price:	6.00
Tax:	0.60
Total:	6.60

Load

Save

Back

5. The user is presented with a screen stating the operation was a success.

Product Edited Successfully.

Continue