A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Quit

User entry

Allows for finding  
an item once it’s  
information is  
entered.

Purchase  
item. Add to  
cart.  
information is  
entered.App returns  
item info here

App returns  
item info here  
information is  
entered.App returns  
item info here

App calculates  
running subtotal.

Clears order and starts over  
- no write to transaction  
file if items are in cart. If  
checkout has already  
occurred, then restart app

“Check  
Out”  
button  
completes  
an order –  
generates  
invoice and  
adds to the  
transaction  
file.”

Note that the “Add  
Item To Cart”, “View  
Cart”, and “Check  
Out” buttons are not  
initially “active”

View the  
order so far

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Description automatically generated

the “Add Item #1 To Cart” button is  
now active and the “Find Item #1” button is  
inactive. The “View Cart” and “Check Out”  
buttons remain inactive.

Information on the item  
selected/purchased has  
been extracted from the  
inventory file and written  
into the window on the  
line for item #1.

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Discount is based on the  
quantity of an item. If:  
1-4 = 0%  
5-9 = 10%  
10-14 = 15%  
>=15 = 20%

A screenshot of a shopping cart

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Note that  
the buttons  
change  
number

Label values change and  
input field cleared for  
next input

Subtotal reflect current total of all  
confirmed items.

Still reflecting  
previous item

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User enters and finds (but has not yet added it to the cart) the next item in the order (which  
we’ll make the last one for this order).

A screenshot of a shopping cart

Description automatically generated

Greyed out until next find item

The GUI after the user has entered the information for all the items and purchased the last  
item they wish to order

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User clicks  
“OK” in  
the dialog  
box  
number

A screenshot of a computer

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The date and time are used  
to create the unique  
transaction id in the  
“transactions.txt” file. For  
the invoice the format is  
“DD/MM/YY HH:MM:SS  
TMZ”  
box  
number

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User clicks  
“OK” in  
the dialog  
box  
number

A screenshot of a computer

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User clicks  
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A screenshot of a computer

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A close up of a text

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