

Justin Roderick
CNT 4714 – Project 1
Screenshots of GUI and UX examples
Note: transactions.csv is located in src/main/resources

a. The initial GUI instance (like number 2 in Additional Information below).

The screenshot shows the initial state of the Nile Dot Com application. The window has a title bar with three colored buttons (red, yellow, green) and the text "Nile Dot Com". Below the title bar, there are two input fields: "Enter Item ID for item #1:" and "Enter quantity for item #1:". Below these fields, there is a label "Details for item #1:" and a text area. To the right of the text area, there is a label "Current Subtotal for 0 items(s)" and a text area. Below these, there is a message "Your Shopping Cart is currently empty". At the bottom of the window, there is a table with the following headers: "Item#", "SKU", "Description", "Price Each", "Qty", "Discount %", and "Total". Below the table, there is a row of buttons: "Search for Item #1", "Add Item #1 to Cart", "Delete Last Item added to Cart", "Empty Cart", "Check Out", and "Exit".

Item#	SKU	Description	Price Each	Qty	Discount %	Total
-------	-----	-------------	------------	-----	------------	-------

b. The GUI after the user has entered an item number (ID) and quantity and clicked the “Search For Item #X” button (like number 4 below).

The screenshot shows the Nile Dot Com application after a search for item #14. The "Enter Item ID for item #1:" field now contains the value "14". The "Enter quantity for item #1:" field now contains the value "1". The "Details for item #1:" text area now displays the following information: "SKU: 14 | Desc: 'Stanley #2 Philips Screwdriver' | Price Each: \$6.95 | Qty: 1 | Discount: 0% | Total: \$6.95". The "Current Subtotal for 0 items(s)" text area now displays "Current Subtotal for 1 item(s)". The message "Your Shopping Cart is currently empty" remains. The table at the bottom of the window is still empty. The "Add Item #1 to Cart" button is now highlighted.

Item#	SKU	Description	Price Each	Qty	Discount %	Total
-------	-----	-------------	------------	-----	------------	-------

- c. The GUI after the user has added an item from screenshot (b) above but before searching for the next item (like numbers 7 and 9 below).

Nile Dot Com

Enter Item ID for item #2: Enter quantity for item #2:

Details for item #1: SKU: 14 | Desc: "Stanley #2 Philips Screwdriver" | Price Each: \$6.95 | Qty: 1 | Discount: 0% | Total: \$6.95

Current Subtotal for 1 item(s): \$6.95

Your Shopping Cart Currently Contains 1 Item(s)

Item#	SKU	Description	Price Each	Qty	Discount %	Total
Item 1	14	"Stanley #2 Philips Screwd...	\$6.95	1	0%	\$6.95

Search for Item #2 Add Item #2 Delete Last Item added to Cart Empty Cart Check Out Exit

- d. The GUI after the user has searched for the next item after the one in (b) above was added to the cart, but before adding this new item to the cart (like number 8 below).

Nile Dot Com

Enter Item ID for item #2: 339921 Enter quantity for item #2: 1

Details for item #1: SKU: 339921 | Desc: "Yamaha KT 100 kart engine" | Price Each: \$950.00 | Qty: 1 | Discount: 0% | Total: \$950.00

Current Subtotal for 1 item(s): \$6.95

Your Shopping Cart Currently Contains 1 Item(s)

Item#	SKU	Description	Price Each	Qty	Discount %	Total
Item 1	14	"Stanley #2 Philips Screwd...	\$6.95	1	0%	\$6.95

Search for Item #2 Add Item #2 Delete Last Item added to Cart Empty Cart Check Out Exit

- e. The message dialog box (the invoice) when the user clicks the “Check Out” button for an order containing multiple items (like number 12 below).

Nile Dot Com

Enter Item ID for item #3: Enter quantity for item #3:

Details for item #2: SKU: 339921 | Desc: "Yamaha KT 100 kart engine" | Price Each: \$950.00 | Qty: 1 | Discount: 0% | Total: \$950.00

Current Subtotal for 2 items(s): \$956.95

Your Shopping Cart Currently Contains 2 Item(s)

Invoice

Date: January 29, 2025, 9:11:07PM EST
Number of Items: 2

Item# / ID / Title / Price / Qty / Disc% / Subtotal:
1. 14 "Stanley #2 Philips Screwdriver" \$6.95 1 0% \$6.95
2. 339921 "Yamaha KT 100 kart engine" \$950.00 1 0% \$950.00

Order Subtotal: \$956.95
Tax rate: 6%
Tax amount: \$57.42
ORDER TOTAL: \$1014.37

OK

Item#	SKU	Description	Price Each	Qty	Discount %	Total
Item 1	14					
Item 2	339921					

Search for Item #3 Add Item #3 Delete Last Item added to Cart Empty Cart Check Out Exit

- f. The GUI and the message dialog box when the user has entered an item number (ID) and quantity where the quantity is greater than the number in stock (like number 17 below).

Nile Dot Com

Enter Item ID for item #1: 14 Enter quantity for item #1: 11

Details for item #1: Current Subtotal for 0 items(s):

Your Shopping Cart is currently empty

Item#	SKU	Description	Price Each	Qty	Discount %	Total
-------	-----	-------------	------------	-----	------------	-------

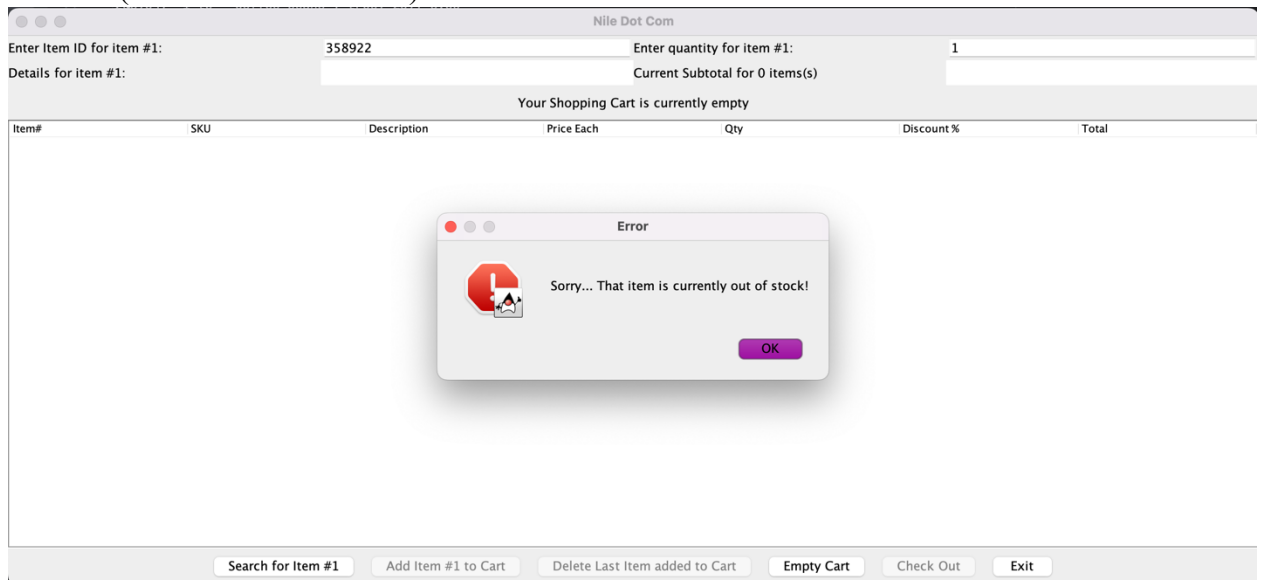
Error

Not enough stock available for that item! Only 10 on hand currently.

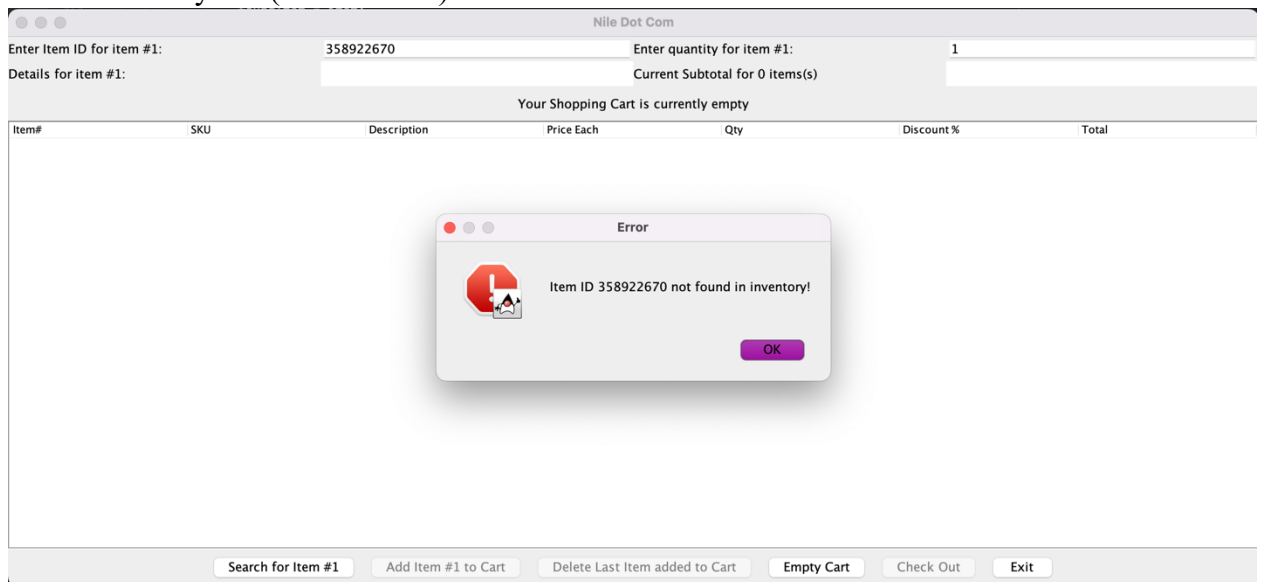
OK

Search for Item #1 Add Item #1 to Cart Delete Last Item added to Cart Empty Cart Check Out Exit

- g. The GUI and the message dialog box when the item the user has selected is out of stock (like number 14 below).



- h. The GUI and the message dialog box when the item the user has selected is not contained in the inventory file (like 6 below).



- i. A pair of screenshots (like 9 and 10 below) that show the last item in the cart being deleted and the interface being reset after the deletion.

Nile Dot Com

Enter Item ID for item #3:

Enter quantity for item #3:

Details for item #2:

SKU: 339921 | Desc: "Yamaha KT 100 kart engine" |
Price Each: \$950.00 | Qty: 1 | Discount: 0% | Total: Current Subtotal for 2 items(s):
\$950.00

\$956.95

Your Shopping Cart Currently Contains 2 Item(s)

Item#	SKU	Description	Price Each	Qty	Discount %	Total
Item 1	14	"Stanley #2 Phillips Screwdriver"	\$6.95	1	0%	\$6.95
Item 2	339921	"Yamaha KT 100 kart engine"	\$950.00	1	0%	\$950.00

Search for Item #3

Add Item #3

Delete Last Item added to Cart

Empty Cart

Check Out

Exit

Nile Dot Com

Enter Item ID for item #2:

Enter quantity for item #2:

Details for item #1:

Current Subtotal for 1 items(s):
\$6.95

Your Shopping Cart Currently Contains 1 Item(s)

Item#	SKU	Description	Price Each	Qty	Discount %	Total
Item 1	14	"Stanley #2 Phillips Screwdriver"	\$6.95	1	0%	\$6.95

Search for Item #2

Add Item #2

Delete Last Item added to Cart

Empty Cart

Check Out

Exit