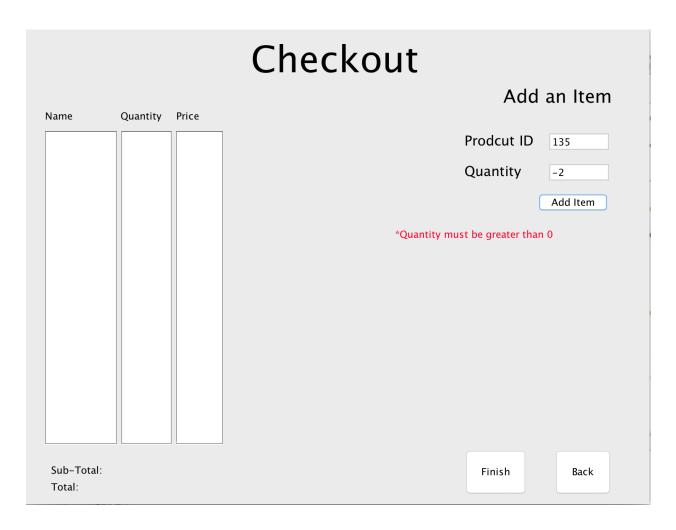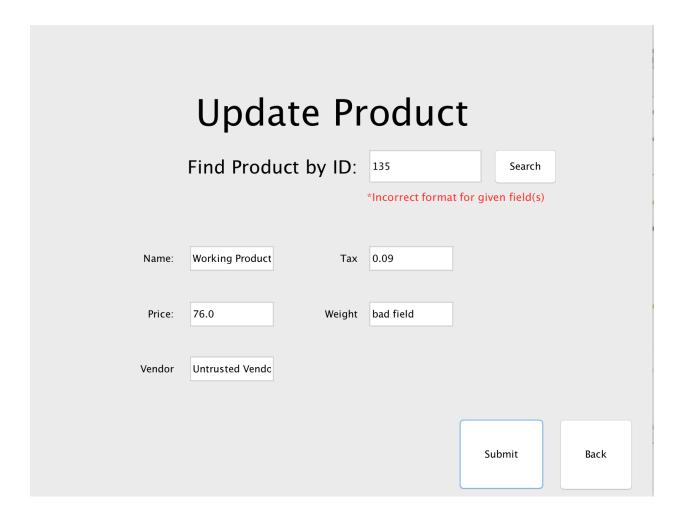# Testing Results

   We had several safeguards we had to implement to account for user error. These included type checking for fields, making sure quantities were greater than 0, making sure a product didn't already exist when adding, etc. When these events occur, the system responds with a message in red text alerting the user to their issue. Below are screenshots of how the system responds when these events occur:

Checkout

Add an Item

Name   Quantity   Price

Prodcut ID   135

Quantity   -2

[Add Item]

*Quantity must be greater than 0

Sub-Total:
Total:

[Finish] [Back]

Checkout

Add an Item

Name	Quantity	Price

Prodcut ID   137

Quantity   2

Add Item

*Product not found

Sub-Total:

Total:

Finish

Back

Update Product

Find Product by ID: `135` [Search]

Incorrect format for given field(s)

Name: `Working Product`   Tax `0.09`

Price: `76.0`   Weight `bad field`

Vendor `Untrusted Vendc`

[Submit] [Back]

Add a Product

Failed Product

134

76.00

Untrusted Vendor

.09

200

* Product with the ID already exists

Submit   Back

Add a Product

Failed Product

135

76.00

Untrusted Vendor

bad field

another bad field

* Re-evaluate your fields

Submit   Back

Update Product

Find Product by ID: 12345   Search

*Product not found

Submit   Back

Update Product

Find Product by ID: sdgds   Search

*Invalid ID format

Submit   Back