**Project 1 Test Document**

1. Test: Add ten clients. Result: Eleven clients were added. No errors.

2. Test: Print clientList. Result check: Shows eleven clients, C1 through C11

3. Test: Add ten products. Result: Ten products were added. No errors.

4. Test: print productList. Result: List printed, no errors.

5. Test: Add ten suppliers (Manufacturers). Result: Ten suppliers/manufacturers were added. No errors.

6. Test: Print list of manufacturers. Result: List of manufacturers were displayed.

7. Test: Accept client order (Fulfill partial orders). – Had several customers order the same items and end up on waitlist. After orders were made for each client, a print waitlist was output for each item that was out of stock, and printed a waitlist for an item that was instock (Meaning no waitlist existed yet, so nothing was output as a result). No errors were found. Refer to document to see what was specifically done.

8. Test: Print products after transactions are made. Result: Any purchases that were made had quantities removed from the items accordingly. None had negative values. No errors occurred while printing out this list.

a. Test: Print waitlist of clients based on item  
Result: Product ID was entered and a list of clients waiting for that item was output. No errors occurred. Waitlist output the correct clients that were waiting.

9. Test: Print balances of clients individually. Result: Those that didn’t made orders had a balance of 0, and those that did make orders had a balance according to the item and quantity they wanted. Refer to document to see what was specifically ordered. No errors occurred during this process.

10. Test: Show list of transactions for C2 after one purchase. Result: Output the date and balance of that client’s only transaction. No errors occurred.

11a. Test: Show list of clients with unpaid balances (before more than one transaction with Jill). Result: Showed the current amount of people that have made purchases and owe money to the warehouse. Their name, id and balance were output accordingly. No errors.

11b. Test: Show list of transactions for C2 after two purchases

Result: After making a second purchase, the list of transactions was output again. This time it also showed the second transaction, as well as the first as a list. Both have the correct dates next to them. No errors.

b. Test: Show list of clients with unpaid balances (after C2’s purchase)

Result: C2’s balance was updated to the correct amount. The list output correctly. No errors.

13. Test: Accept client order (Without fulfilling partial orders, clients order what’s in stock)

Result: Client orders were fully fulfilled. No waitlist was created based off of the items in stock. No errors.

c. Test: List clients with new balances after orders. Result: Balances updated correctly, correct members are being output. No errors.

15. Test: List products showing the amount in stock in stock. Result: The stock updated correctly.

16. Test: Accept shipments for the products with waitlist. Result: No errors while adding the new quantities to the warehouse. Whenever a client appeared on a waitlist, a prompt appeared to fulfill it. The order was then fulfilled from there. No errors occurred during this process.

17. Test: List all products showing amount in stock. Result: The stock updated correctly, the amount added in was the amount after the waitlists were fulfilled. No errors occurred.

18. Test: Show list of clients with unpaid balances. Result: Clients with unpaid balances were displayed. Those that had partial orders before are now fully fulfilled and updated accordingly. No errors occurred displaying this list.

19. Test: Accept payment from a client. Result: Payments were accepted properly. Their balances updated properly. Those that don’t owe anymore have a balance of 0. Those that still have a balance, still have an amount above zero, and subtracted from their previous amount properly. No errors occurred during payment process.

20. Test: Show list of clients with unpaid balances. Result: Those that fully paid off their balance don’t appear on the list anymore. Those that still have a balance have a properly updated balance from after payment. No errors occurred while displaying this list.

21. Test: Add 10 Suppliers to a product. Result: 10 suppliers were added to a product.

22. Test: Show supplier list for a product. Result: Supplier first for a product is displayed.

23. Test: Remove a supplier from a product: Result supplier was removed.