An Example Series of Test Cases for 5160

1. Use an employee’s account to login to the system (here we assume that an employee’s account and a manager’s account already exist. You need to create them before hand).
2. List book information in the database (title, author, price, and quantity-in-stock etc). Here I may ask you to list all books or search for some books using a query.
3. Insert two new books into the system
4. Logout
5. Register a new customer account and provide all information required for the account;
6. Use the created account to login to the system
7. Change the address and password of the user
8. Logout, then use the new password to login again
9. Search books (by author name, title, category, year or combinations). Here you need to pre-add some books into the system.
10. Create three shopping carts. Add multiple books into the shopping carts: the shopping carts will contain some common books. Delete one book from a shopping cart. One of the shopping carts will have a total cost of more than $1000.
11. Delete shopping cart number 3. List all carts again.
12. Merge shopping carts 1 and 2. Please make sure: the same book will be merged and the total number of copies changed, the total price is correct.
13. Place the order with the merged shopping cart.
14. Logout as the customer
15. Login as the employee again. List the open orders (not assigned to any employee) and the orders assigned to her/him.
16. Try to choose the order in step 13. This will fail since the order needs to be handled by a manager.
17. Logout as the employee.
18. Login as the manager, list the open orders and orders assigned to her/him. Claim the order. Now the order is assigned to him/her. List the orders assigned to her/him again.
19. Process the order and change the order status to “shipped”.
20. Logout as the manager.
21. Login as the customer again and see the updated order status.
22. Logout as the customer.