

Number	Requirement	Page nr.
1	App can be used by three different roles: cashier, manager and the admin. Each one of these users must have access to different interfaces in the application depending on their role.	2
2	App contains an inventory with different entries for each product, and there are different amounts of items of each product.	2
3	A cashier must be able to, after they've sold an item, remove that item from the inventory.	2
4	A cashier must also have access to the inventory to check if an item is about to run out of stock.	2
5	A cashier can place an order on an item that is about to run out of stock.	2
6	A sold item can be returned: A cashier can search for a transaction by receipt number and delete it from the system. After that the item will be placed back into the inventory.	2
7	There must always be one display item of each product that cannot be sold. (You cannot sell the last item in stock.)	2
8	Manager must be able to see the order list (made by the cashier), and review the inventory, to decide whether to order the items.	3
9	A copy of the order details and all transactions must be saved after an order has been made.	3
10	The admin has access to everything in the system.	3
11	The admin can pay salaries to the employees, and review the transactions, cash flow, profits and costs and everything else for the last year.	3
12	The application provides the admin with statistics about best selling items and profits of each product including retail and purchase prices.	3
13	There must be a discussion channel that only admin and managers can use to chat with each other. When a user sends a message to the group chat, a notice will be shown in the menu telling the others that someone has sent a message.	3

Sheet1

14	Users' login, transactions, order lists, ordered items, returned items, receipts, statistics and chat conversations must be saved in separate text files.	3
15	The home menu allows users to choose the role they have to sign in with, and depending on their role they will then get into a customized multiple-option menu.	3
16	All error exceptions (runtime exceptions) and cashier-made transactions will be handled by separate threads, so that only one user at a time can write into a specific file, and once the file is closed it's available for other users to use.	3
17	App must be tested with a couple of automated tests to simulate every type of user.	4