



The Place Order activity diagram illustrates the interaction between the Customer, System, and an external Inventory System during the order process in a POS system. The process begins with the customer selecting products and then goes on with the customer updating the cart, which the system checks if the items are in stock afterwards. If they are, the items are removed. Then, the customer enters discount codes, and the system applies them. Afterwards, the customer can review the order and select their payment method. The system will handle the processing of the payment. Afterwards, the order will be completed, and a receipt will be generated for the customer.