

# PV207 HW02 BPD Coffee Order L2



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A customer comes to a coffee shop, orders coffee (to stay), and sits down to drink it. After taking the order, the waiter logs the order into their system, the order is in the queue until the barista finishes all previous orders. While the order is in the queue, the customer can cancel their order with the barista. Then the barista starts to prepare the coffee and it is impossible to cancel the order anymore.

When the coffee is prepared, the waiter serves it to the customer - if the process from the order to the serving of the coffee took more than 15 minutes, the waiter also gives the customer a discount coupon with an apology.

The customer drinks the coffee. The customer can order more coffee until they pay - e.g. close their order - they are asked once after 30 minutes by the waiter. When the customer is finished drinking the coffee and they don't want anything else, they call the waiter to pay their bill.

They can pay either in cash or via credit card. When the payment is successful, the order is closed and the bill is given to the customer. If the transaction is unsuccessful, the customer is given 2 more tries, if they continue to be unsuccessful the waiter calls the police and suspends the order in the system, and informs the customer.

