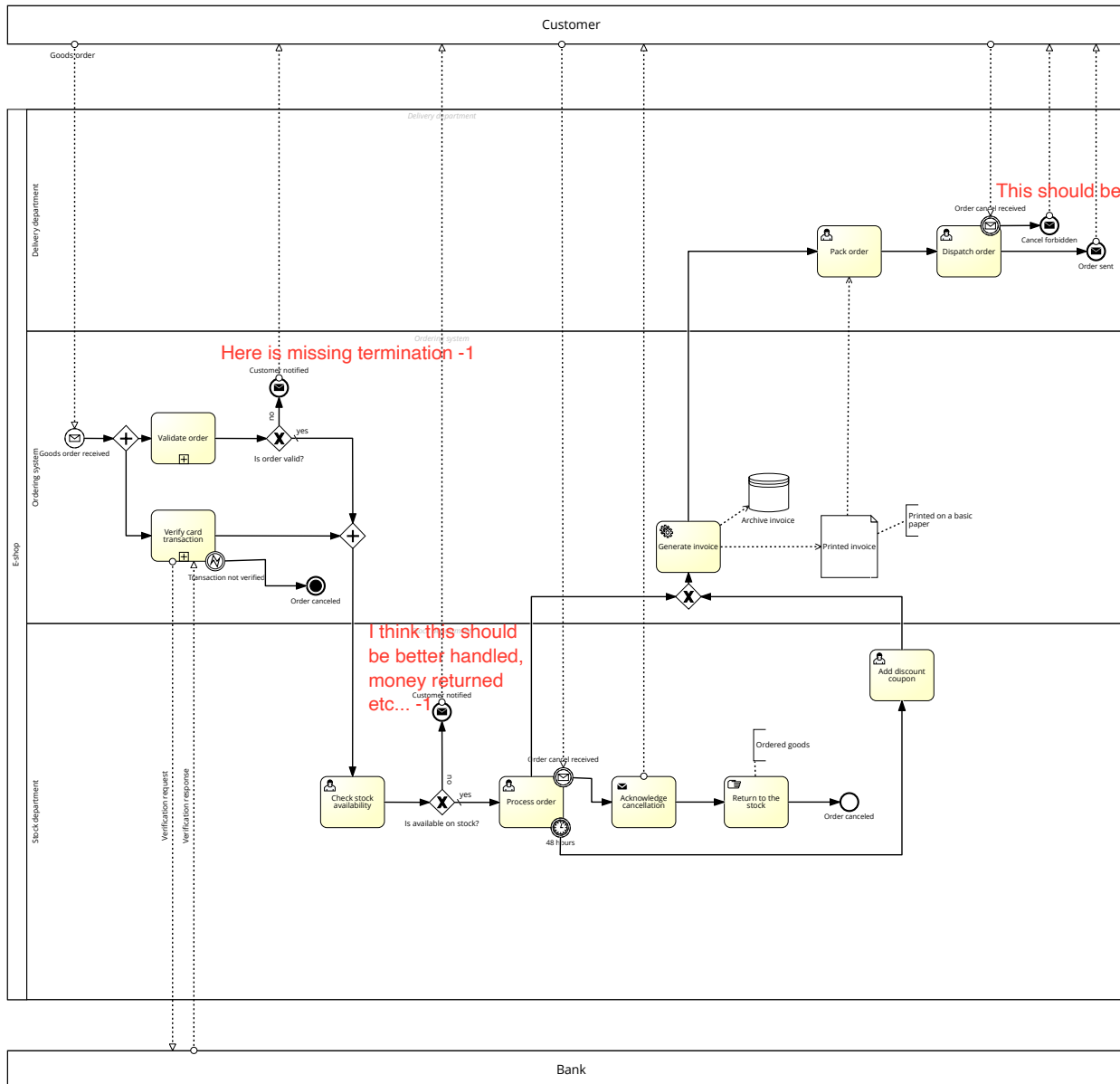**Name:** Martin Červený

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Brief summary of the process

Firstly customer place an order to the e-shop. After that, order is validated parallel to verifying card transaction. If the card transaction is not verified, error is catched and the order is canceled. After that, stock availability is checked. Order can be canceled by customer when is in processing, after that is cancellation aknowledged and the goods are returned to the stock. If the order processing take more than 48 hours, discount coupon is added to the order. When process order is done, invoice is generated and packed with the goods and order is dispatched to the customer. If customer wants to cancel order while dispatching, cancel is forbidden and customer is notified about this action.

Goods order

Customer

Goods order

Delivery department

This should be probably non-terminating boundary event -1

Order cancel received

Pack order

Dispatch order

Cancel forbidden

Order sent

Ordering system

Here is missing termination -1

Customer notified

Goods order received

Validate order

Is order valid?

no

yes

Verify card transaction

Transaction not verified

Order canceled

E-shop

Archive invoice

Generate invoice

Printed invoice

Printed on a basic paper

Stock department

I think this should be better handled, money returned etc... -1

Customer notified

Add discount coupon

Check stock availability

Is available on stock?

no

yes

Order cancel received

Process order

48 hours

Acknowledge cancellation

Return to the stock

Ordered goods

Order canceled

Result: 9

Bank

Verification request

Verification response