HW2

Supplier of printing services

Invoicing portal

Return of photos

Invoice request   Invoice response

Printed invoice

Photos delivered

Prepare photo package for delivery

Photographer

Until there are photos

Photos returned

quality not ok

Photos received

Verify quality of photos

Repeat until is not worth using here, especially when the task is not automated.

premium box paid?

Yes — **Pack to premium box**

No — **Pack to classic box**

Identify customer

Add discount coupon

Add invoice

Change order status

Order courier

Using physical contact list or internet

Order courier by call

courier ordered?

no   yes

Failed to order courier

Inform customer

Package prepared

By email or phone

The customer is entity you interact with but it is not modelled. Inform customer and Send email to customer should be Message events/ tasks. -1

ERP-System

Collect order data

Update order

Orders

Connect to courier services

connection failed

Connect to alternative courier

connected?

no

yes

Order pick up

Pick up date reserved

Send e-mail to customer
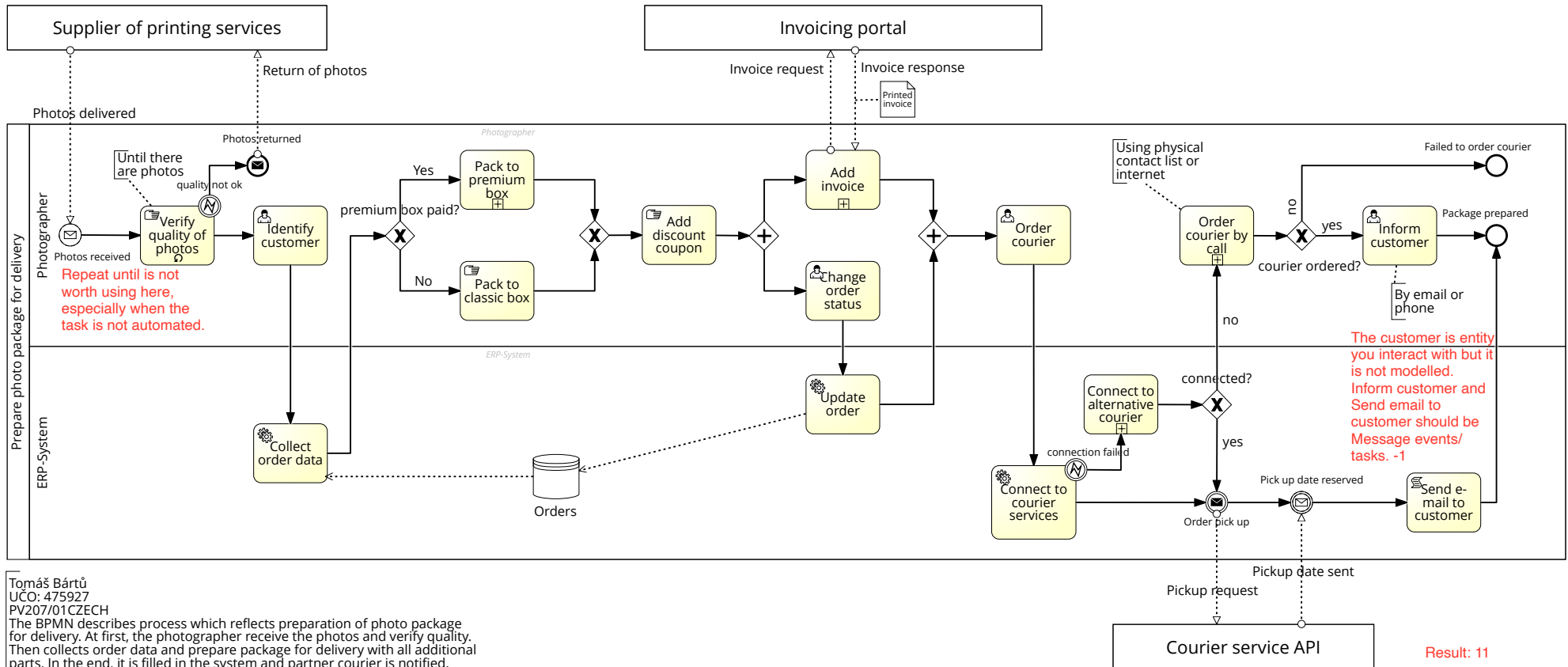
Pickup request   Pickup date sent

Courier service API

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The BPMN describes process which reflects preparation of photo package for delivery. At first, the photographer receive the photos and verify quality. Then collects order data and prepare package for delivery with all additional parts. In the end, it is filled in the system and partner courier is notified. There is an exception handling for failed connection. It tries alternative courier and if it fails, then the photographer needs to order delivery by call and inform customer.

Result: 11