

# Theory

01 | Link Event





# Theory

01 | Link Event

02 | Data Object & Storage



# Theory

01 | Link Event

02 | Data Object & Storage

03 | Sub Process



# Theory

01 | Link Event

02 | Data Object & Storage

03 | Sub Process

04 | Call Activity

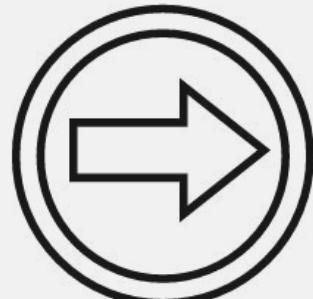
# BPMN Theory

process camp

# The Link Event



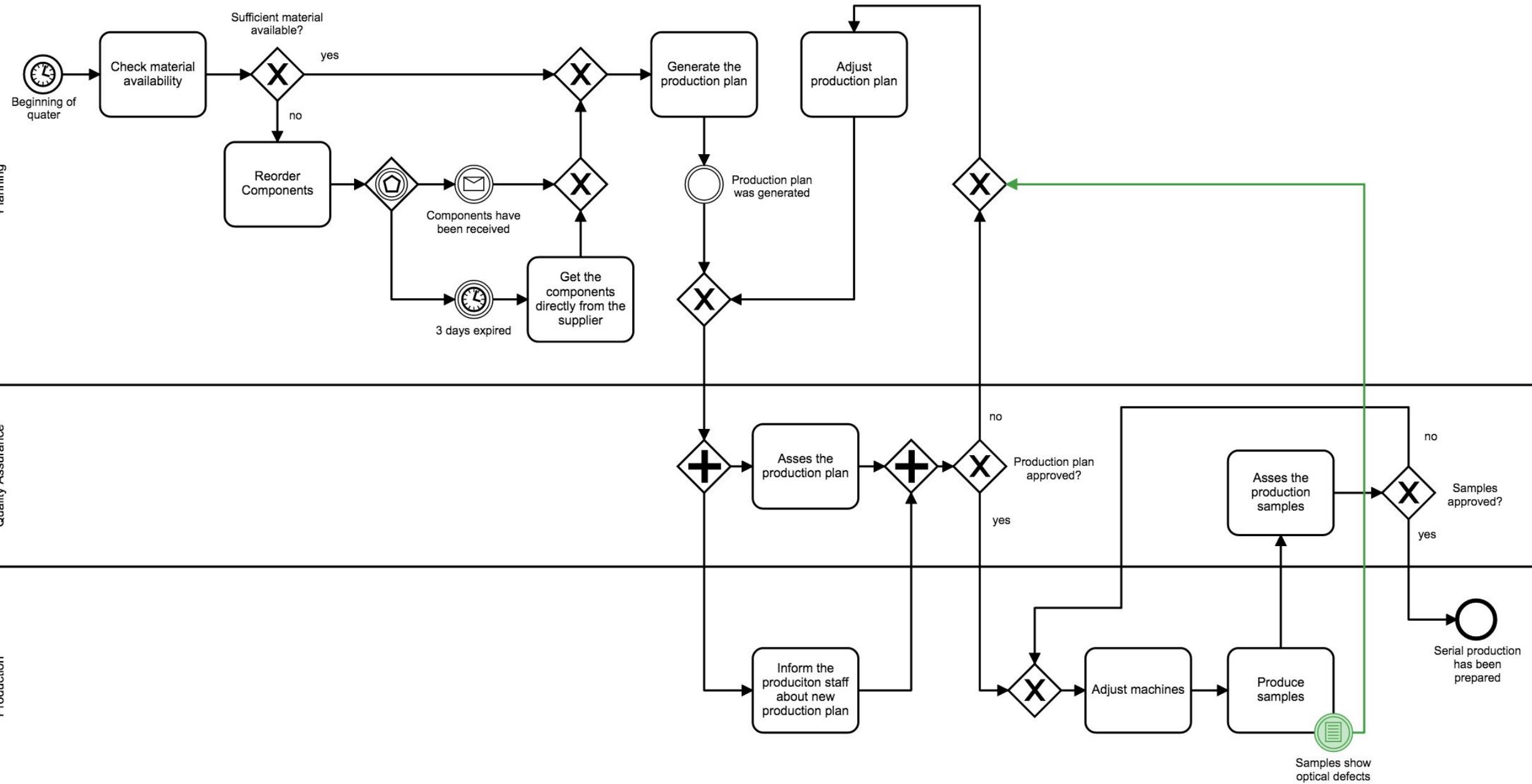
Throwing  
Link Event

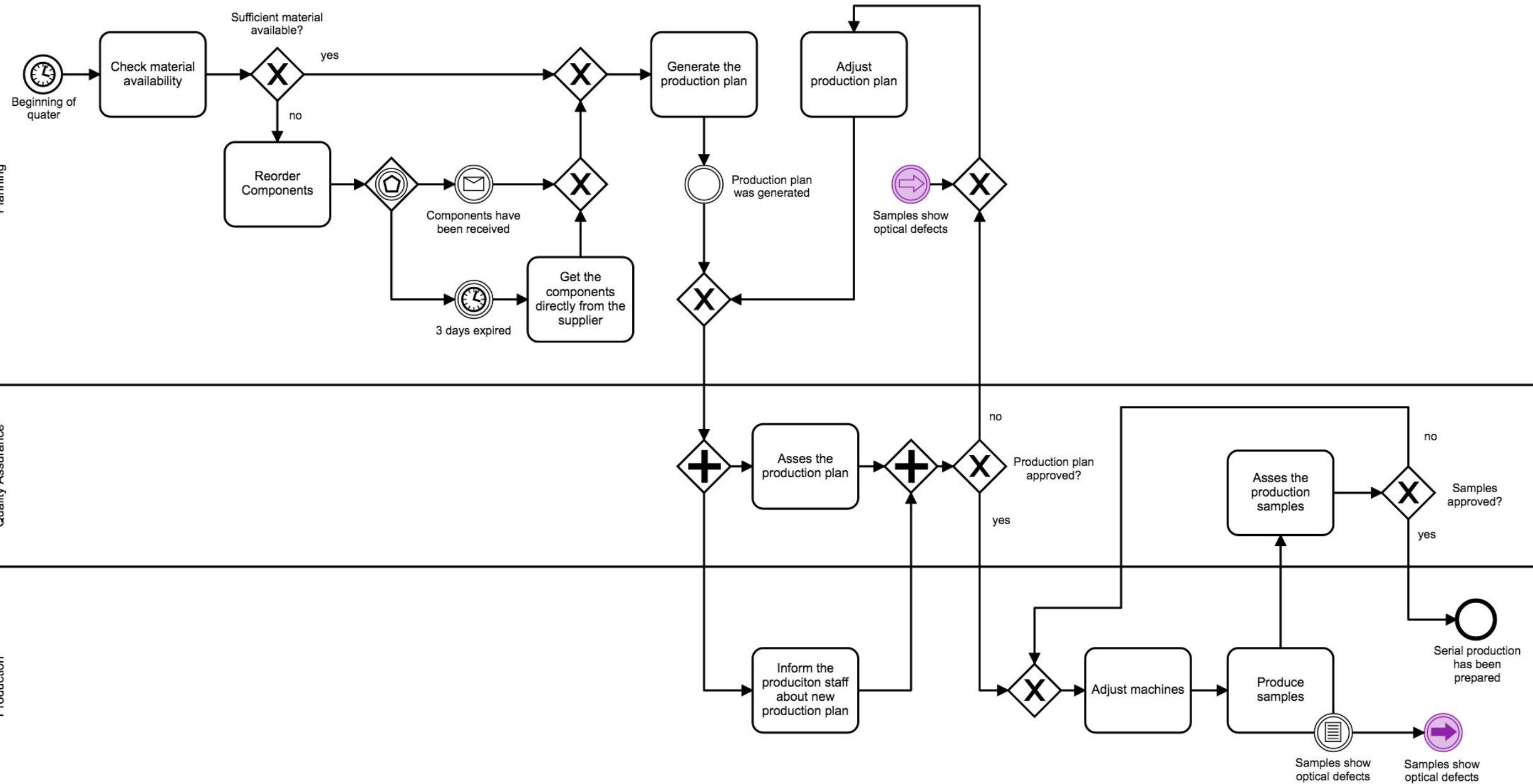


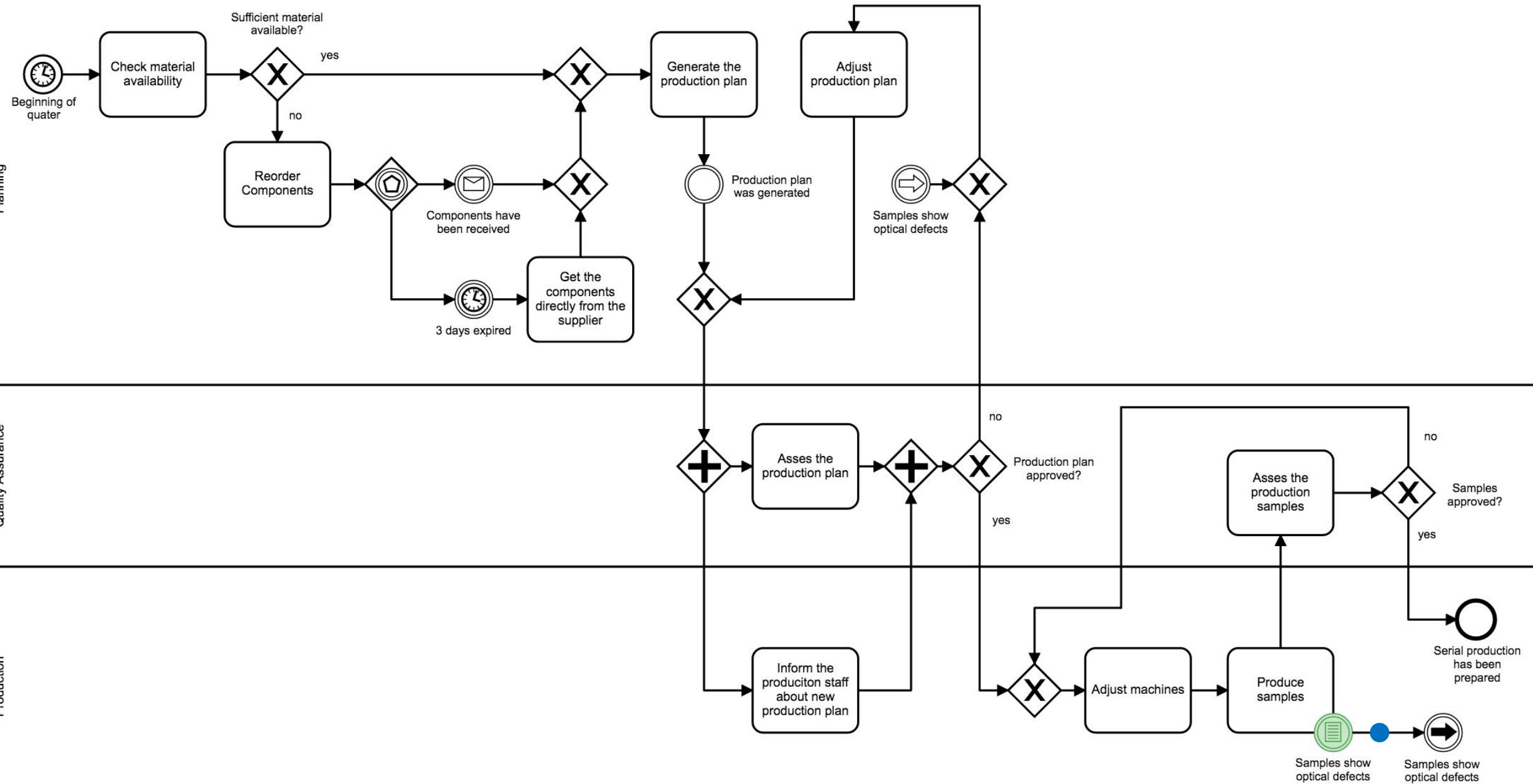
Catching  
Link Event

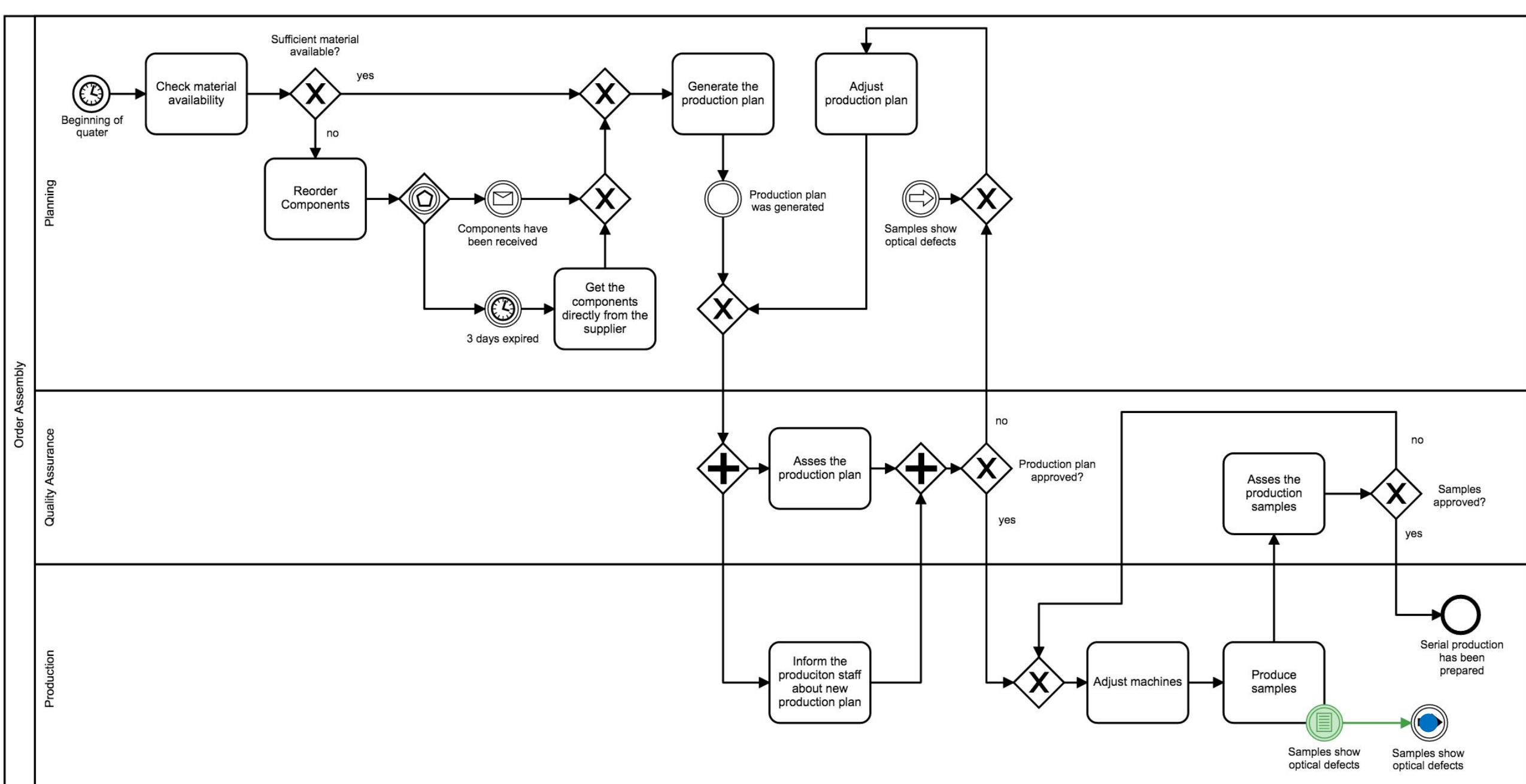
- Appears as a pair of throwing & catching link event
- The two corresponding Link Events replace a sequence flow

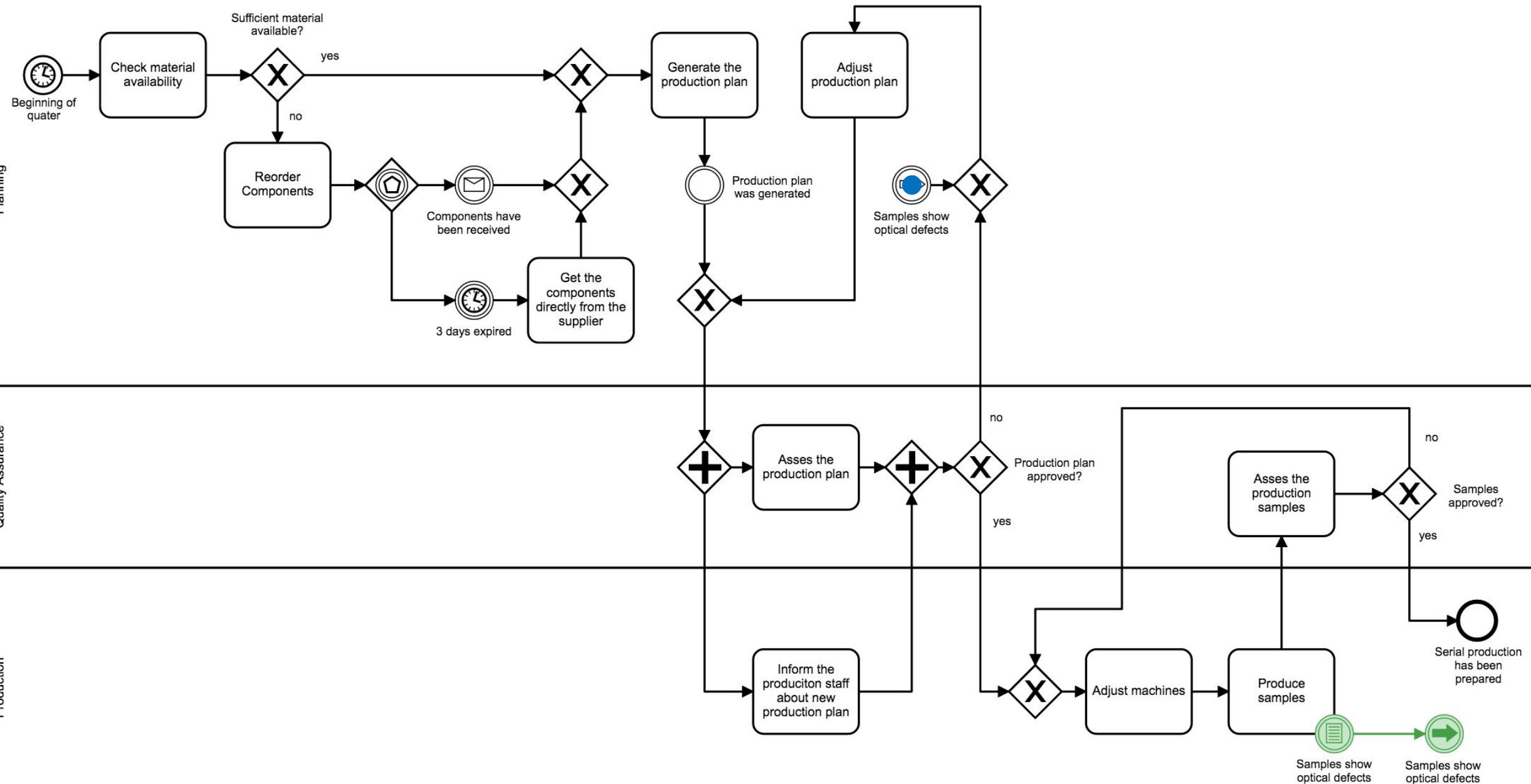
The link event allows to avoid crossing sequence flows.

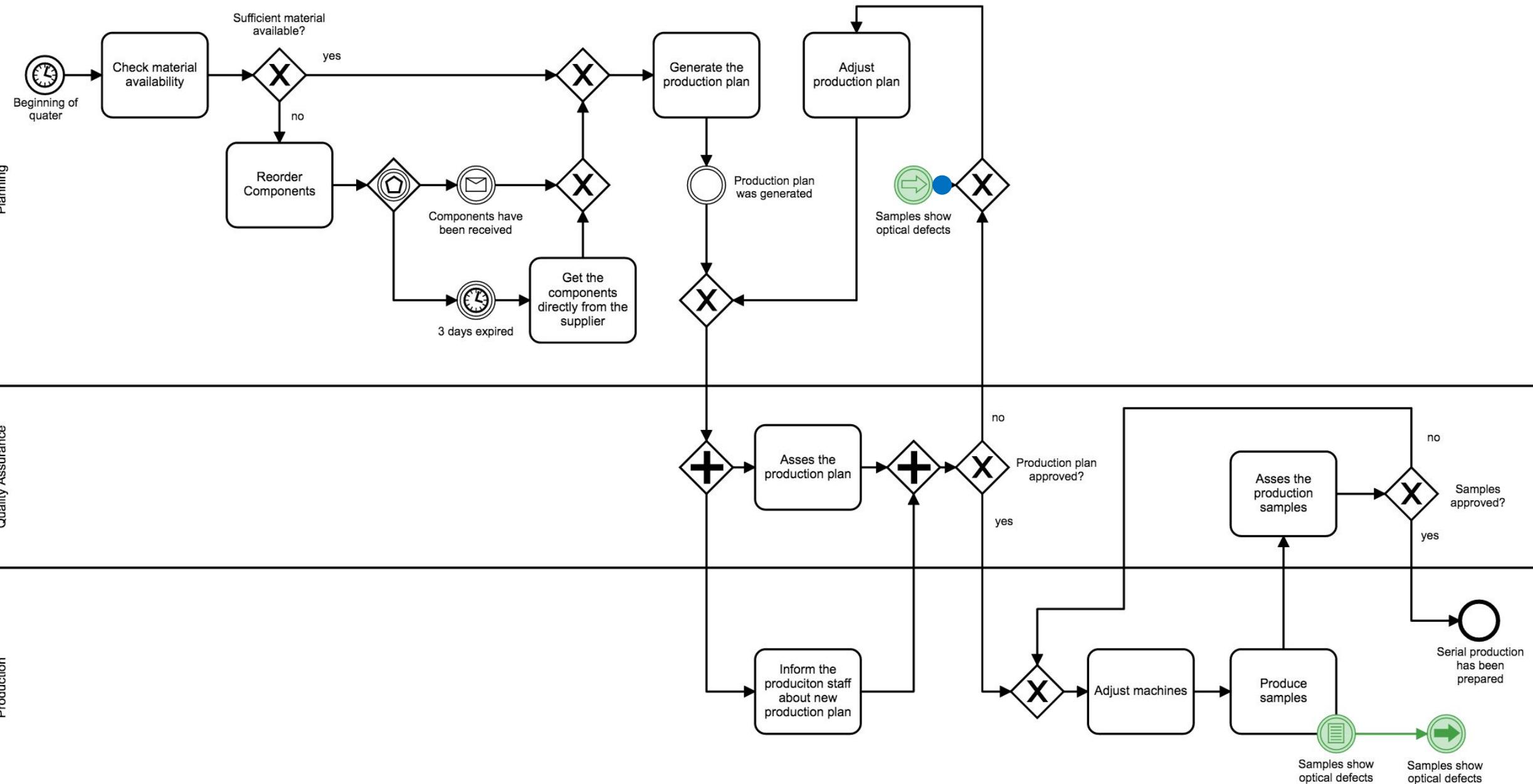






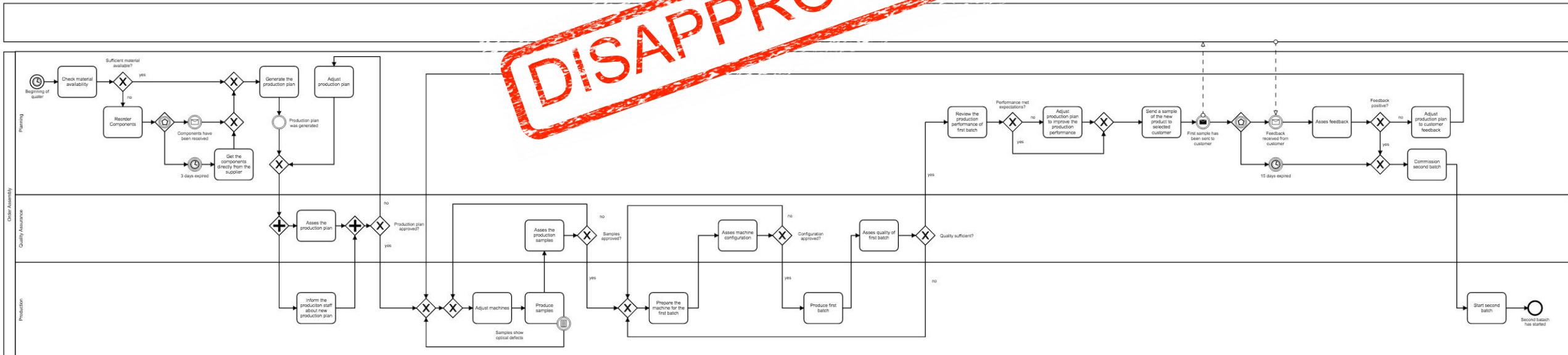


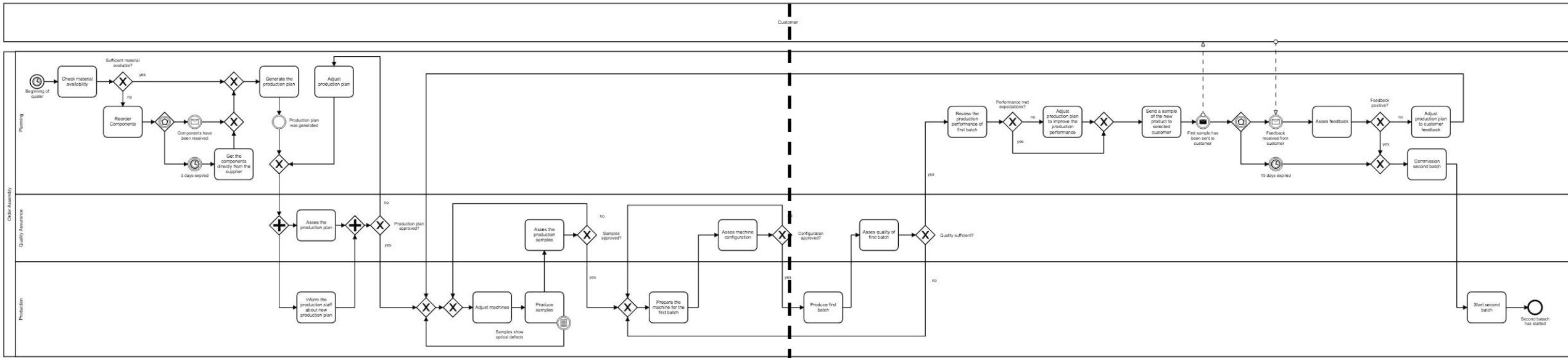


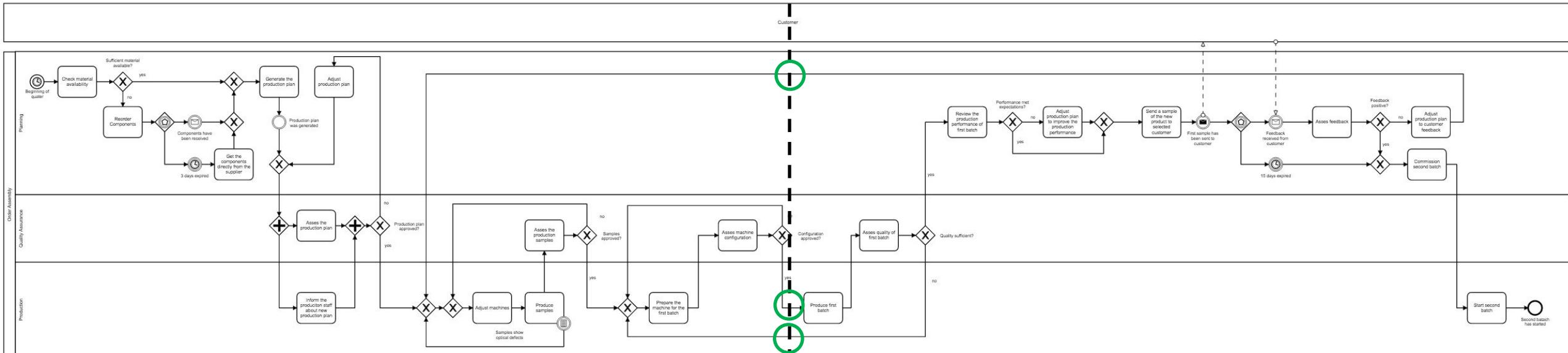


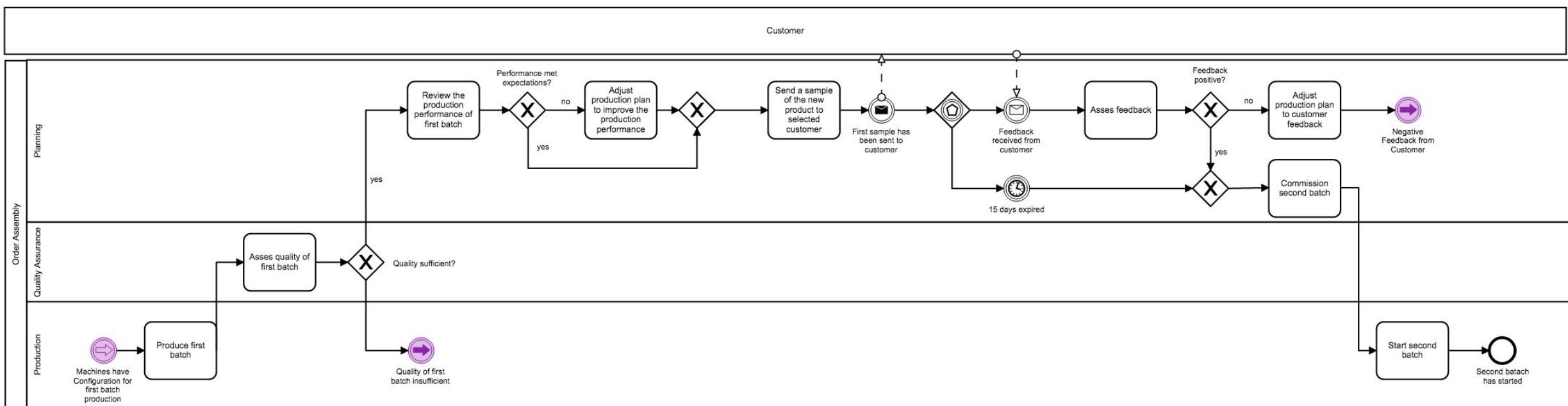
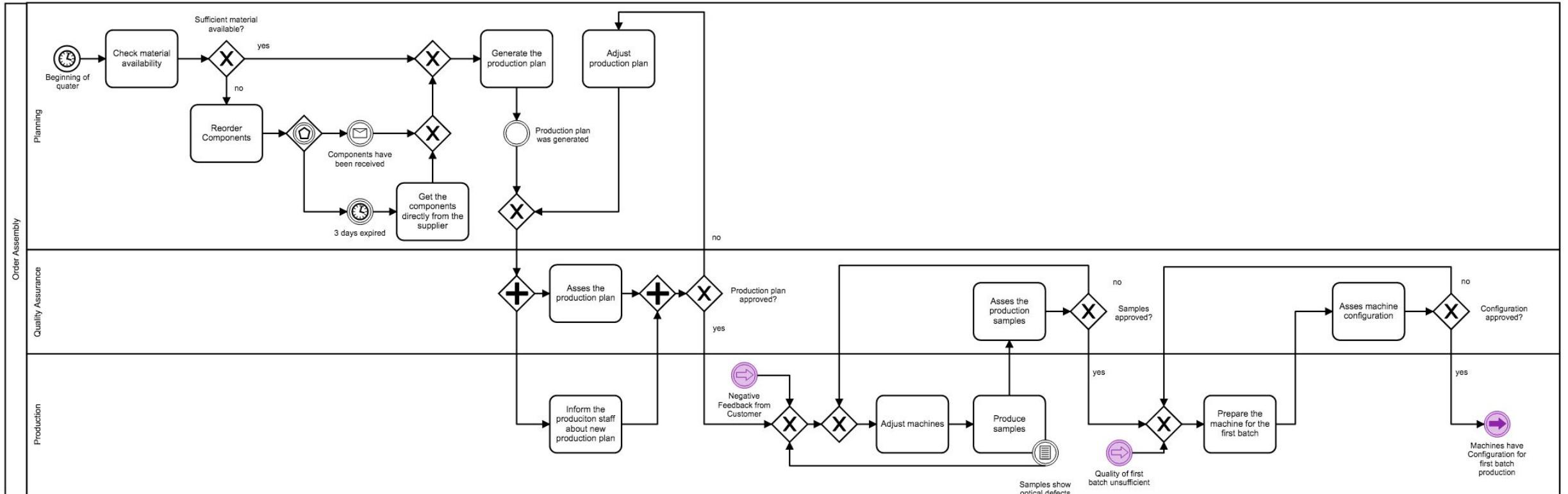
The link event allows you to slice a process.

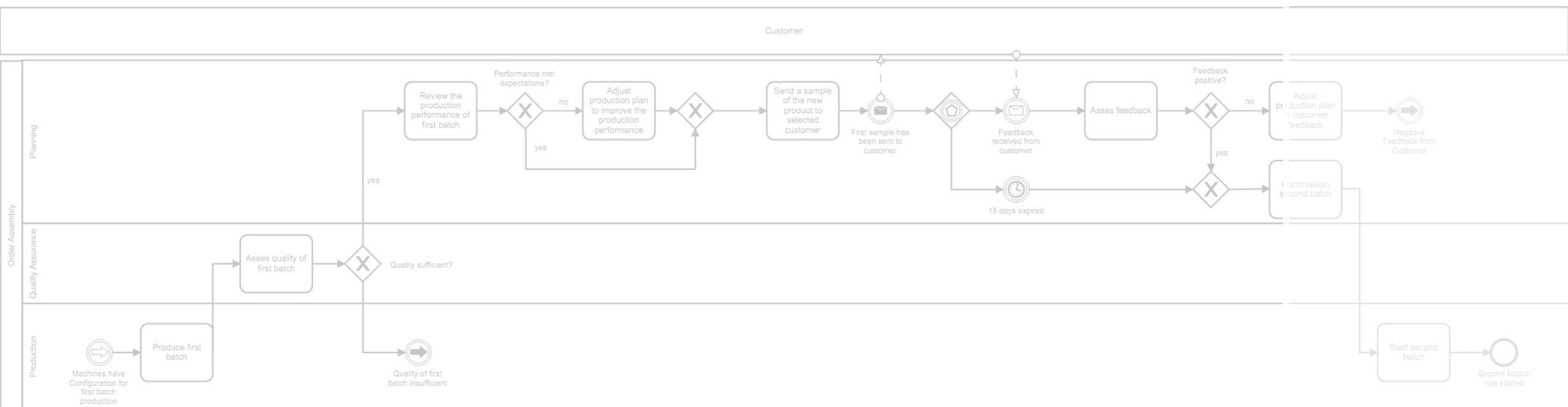
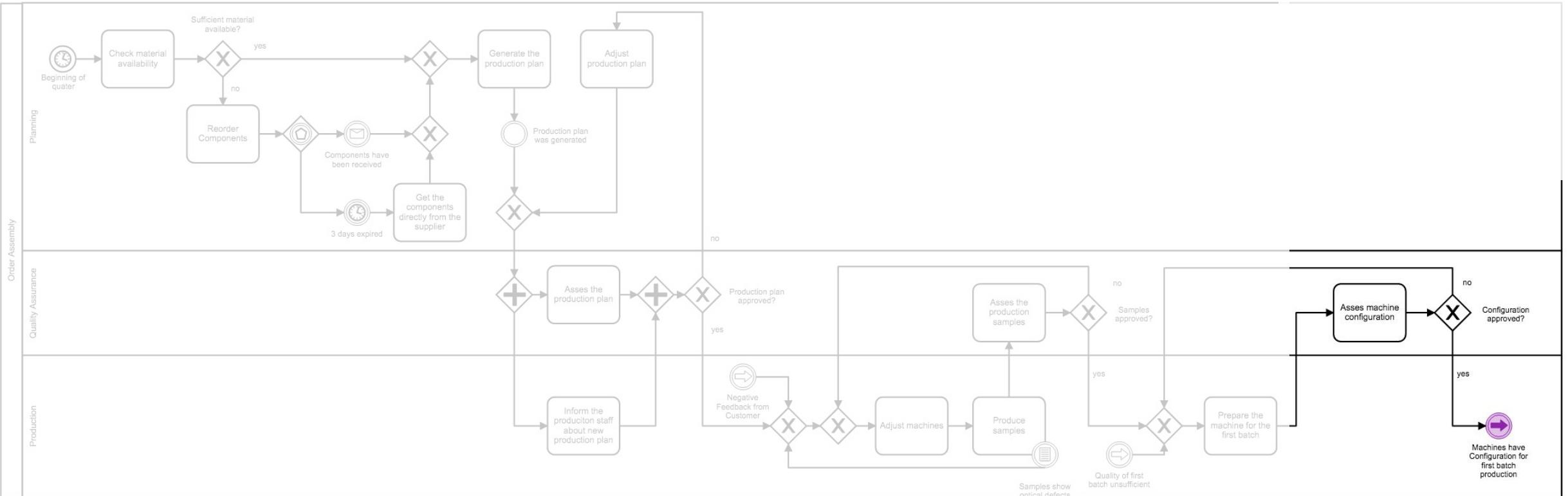
**DISAPPROVED**

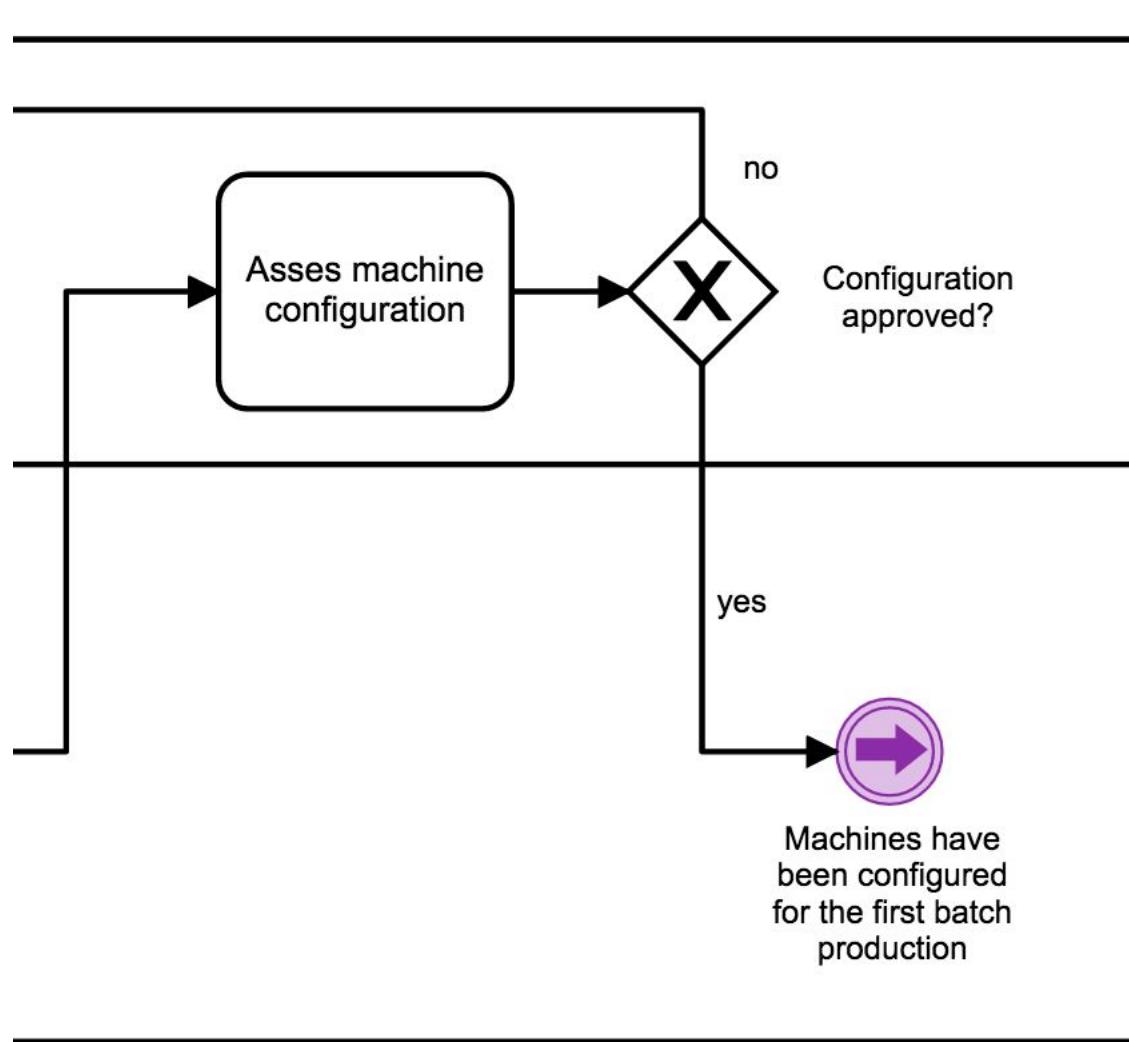


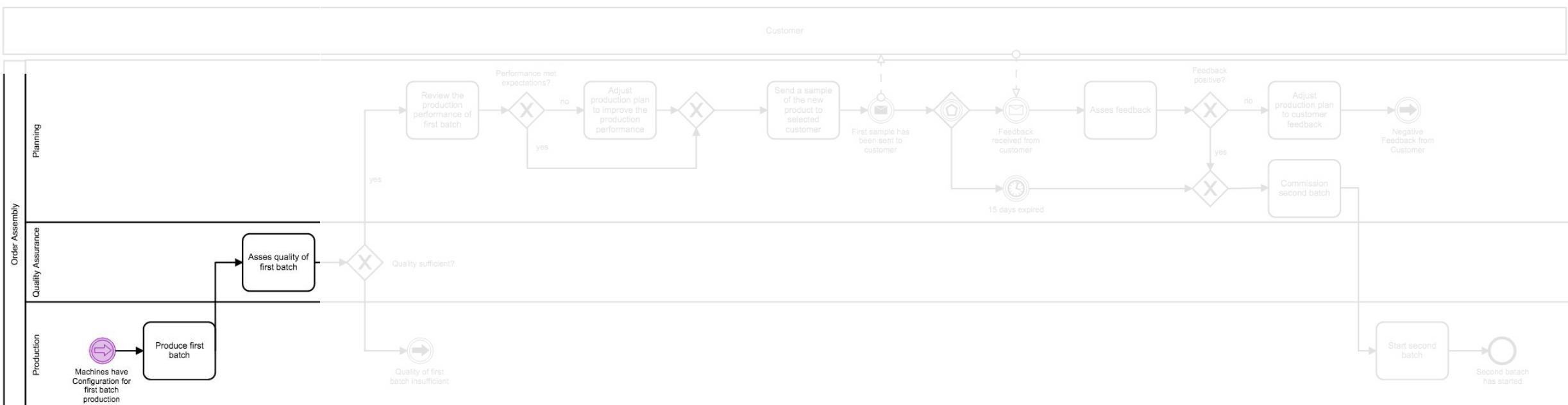
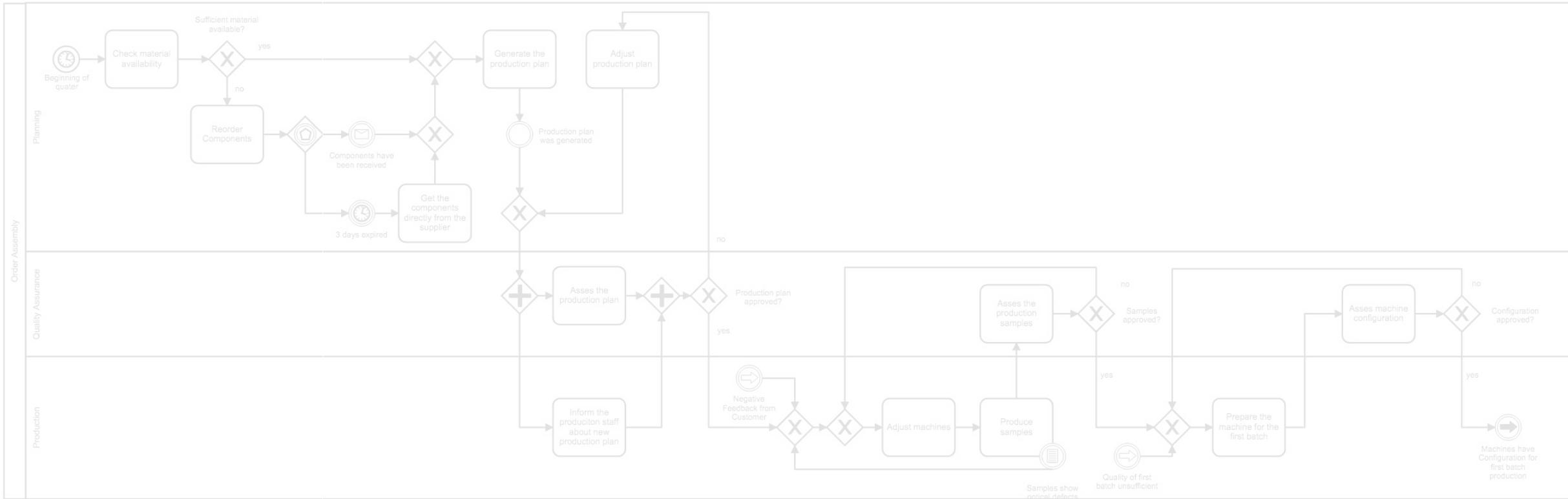


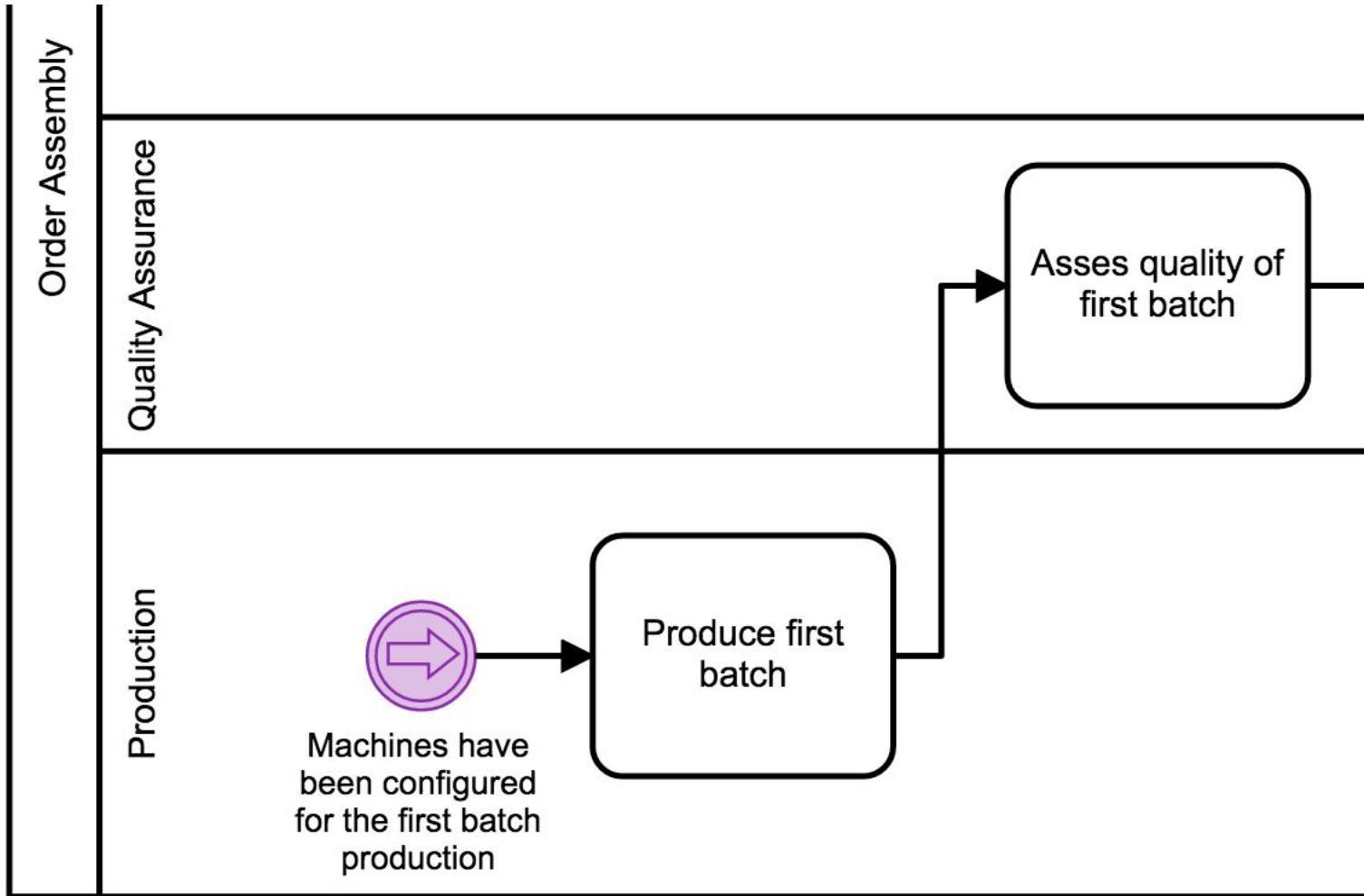


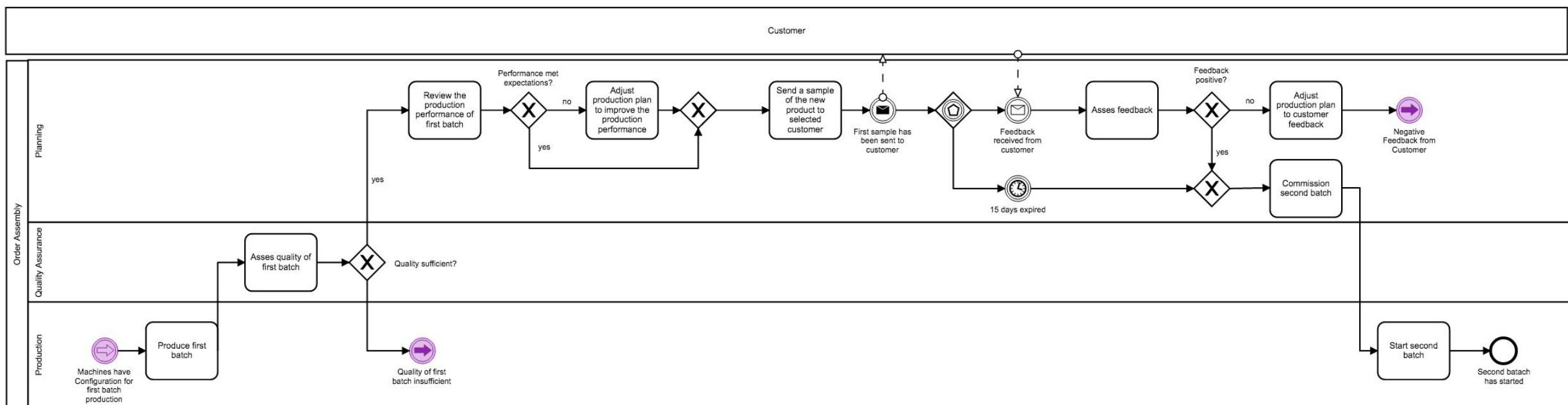
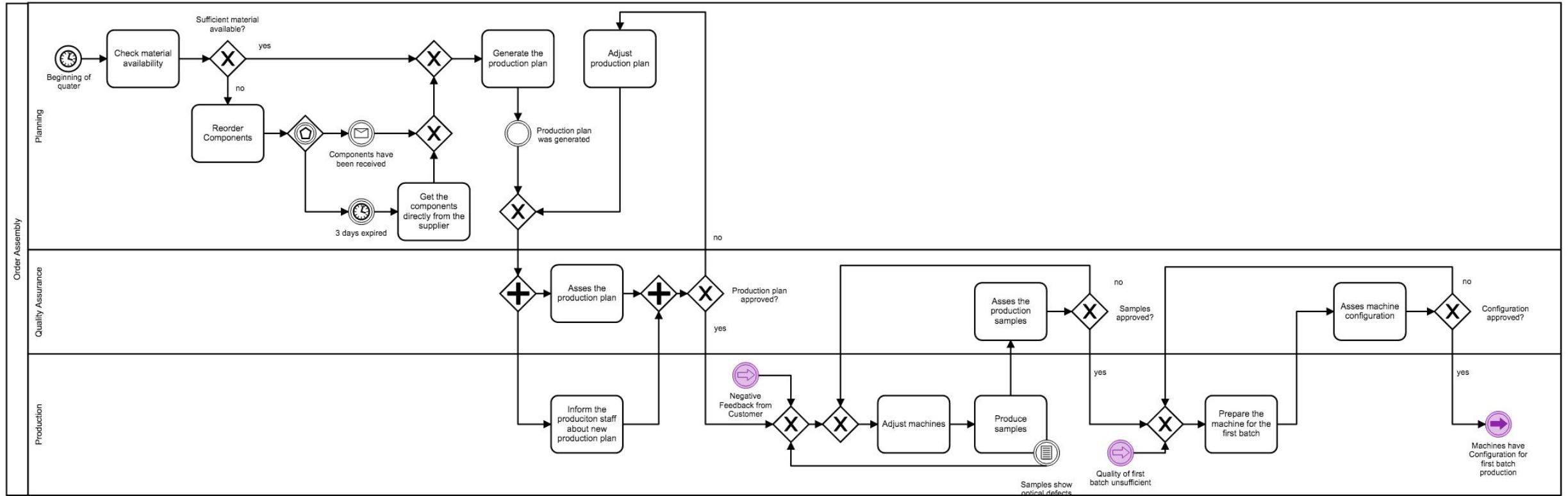


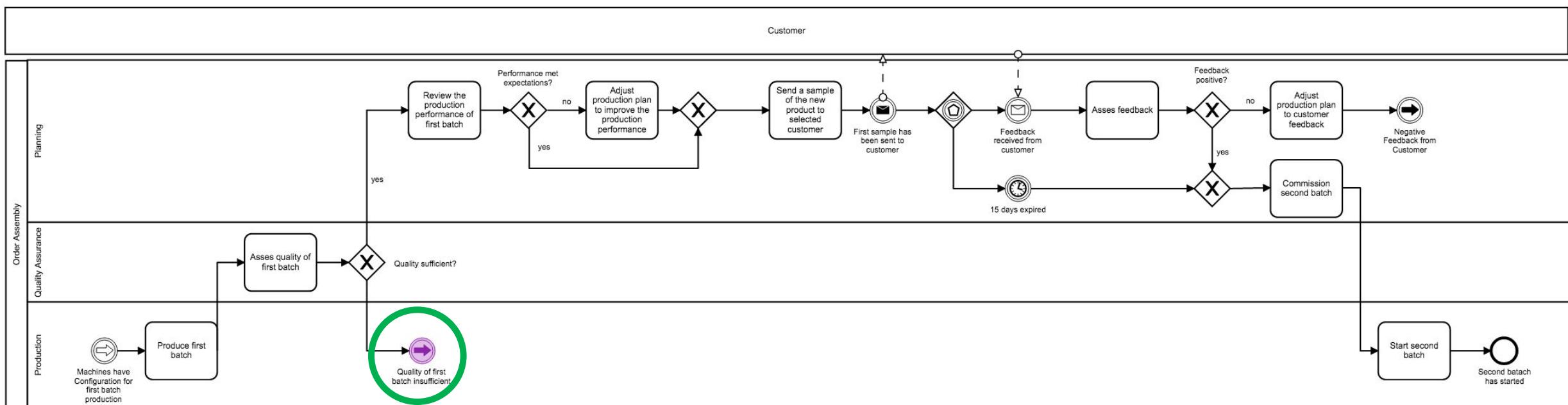
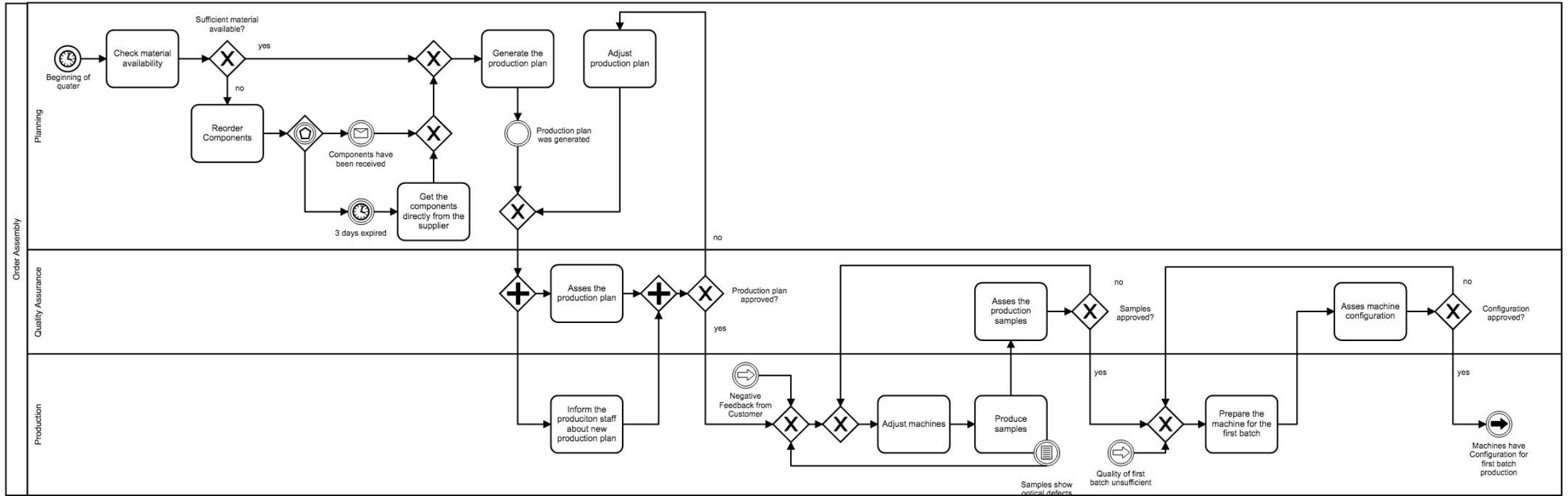


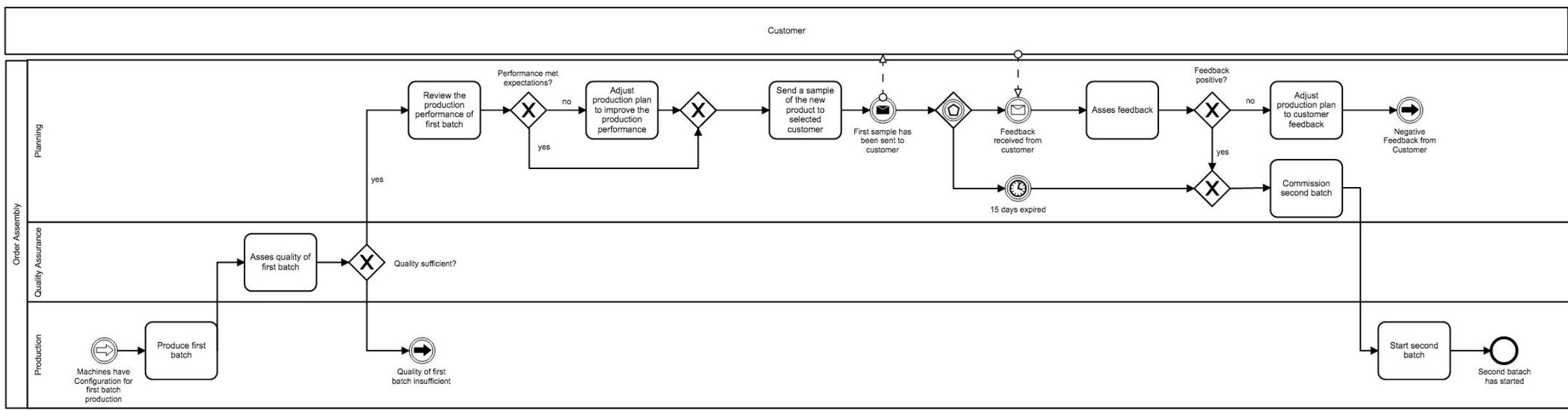
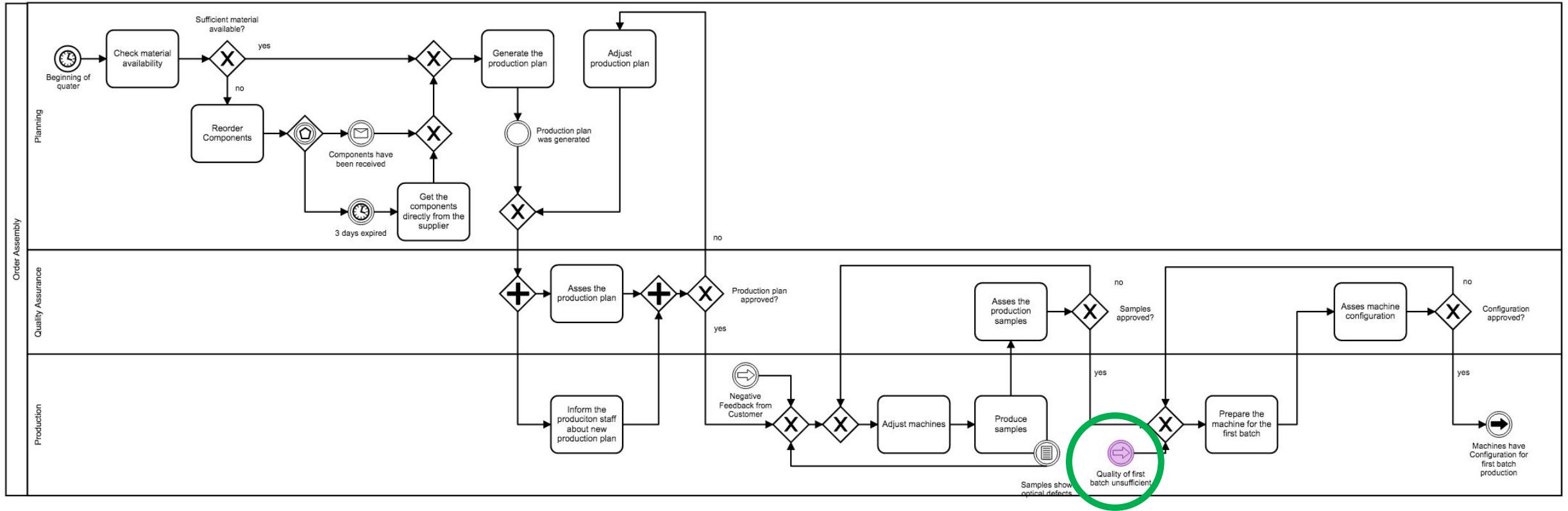


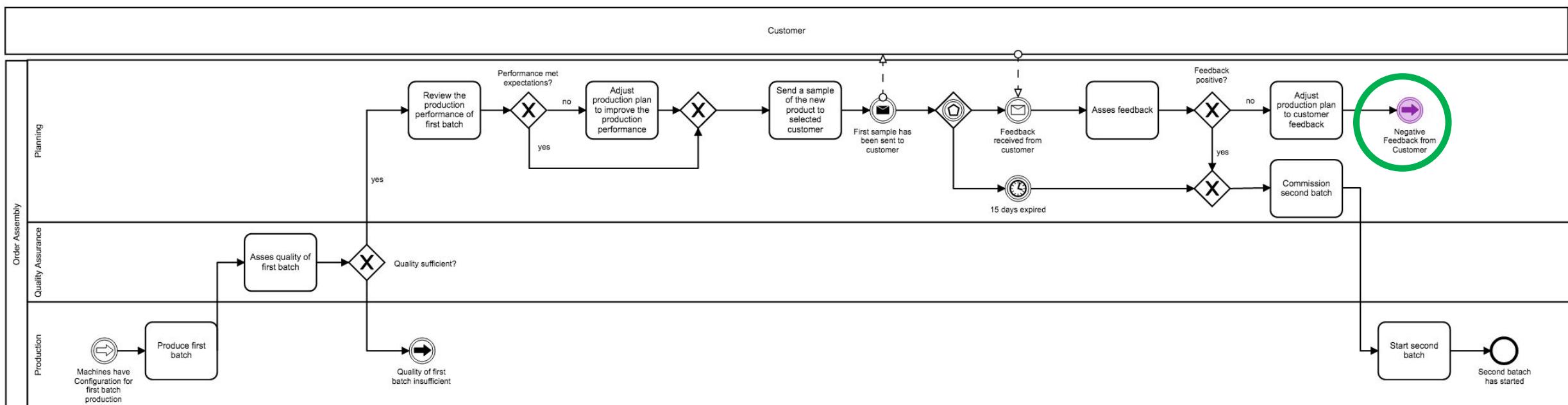
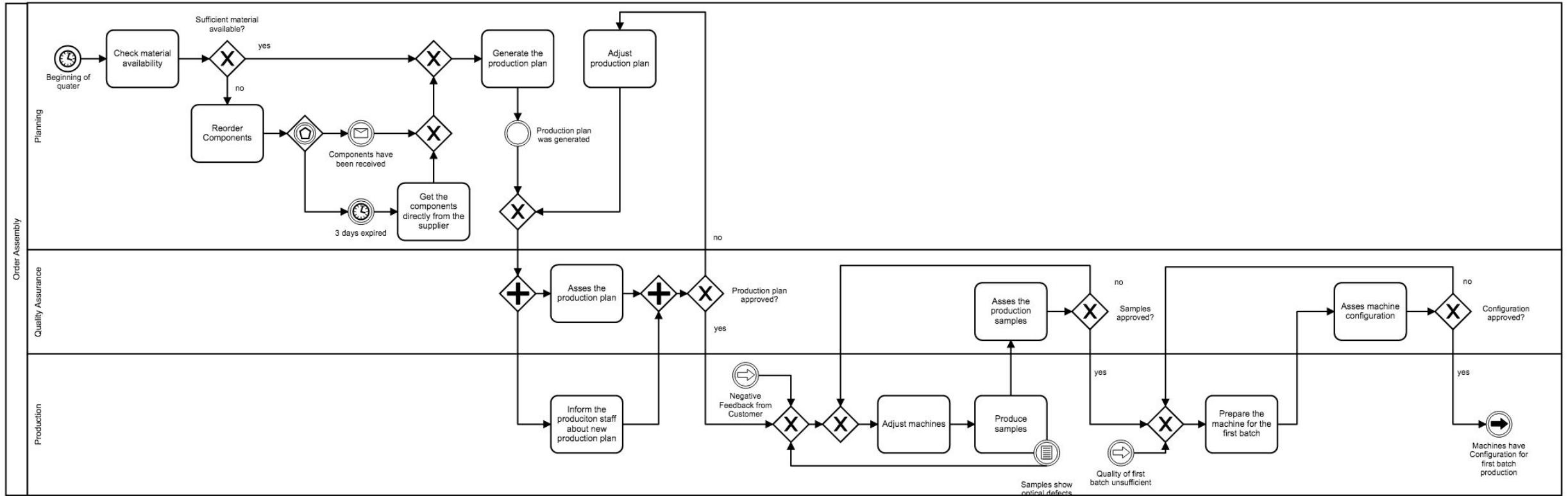


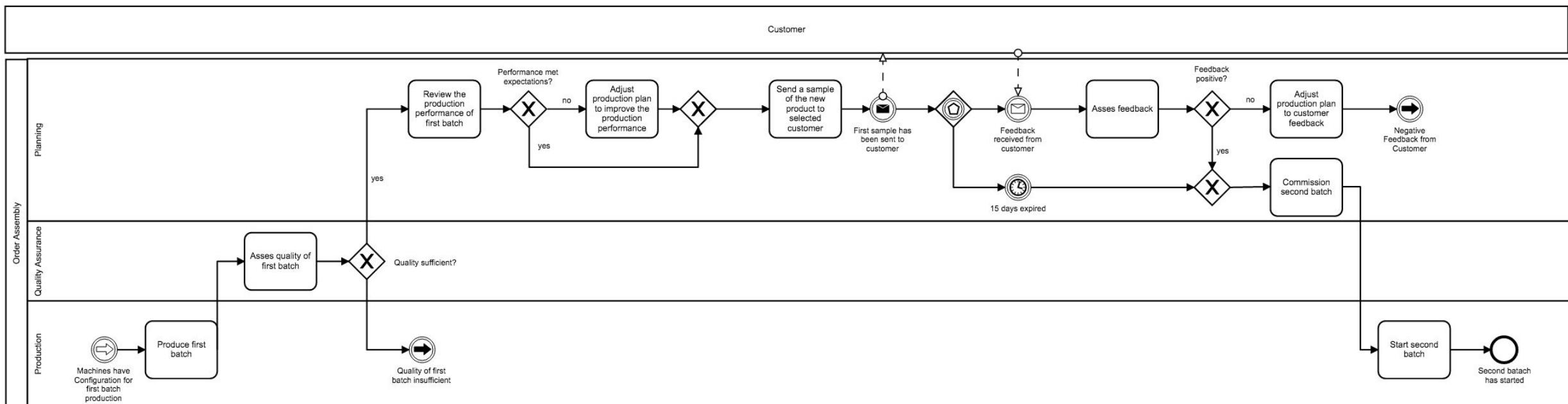
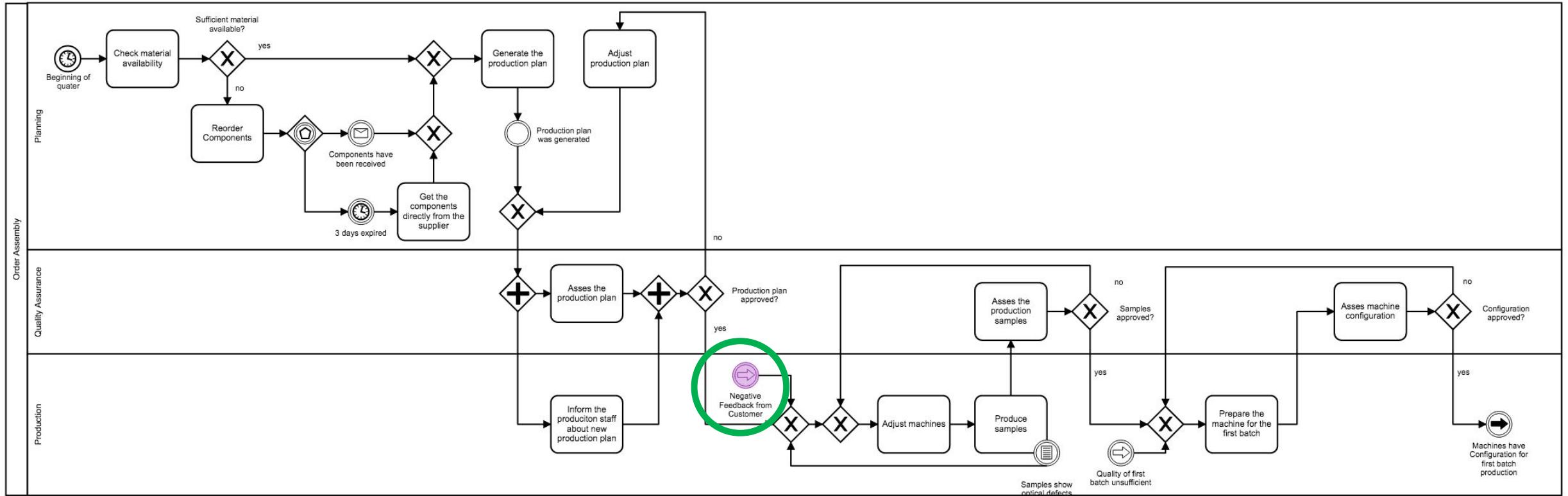


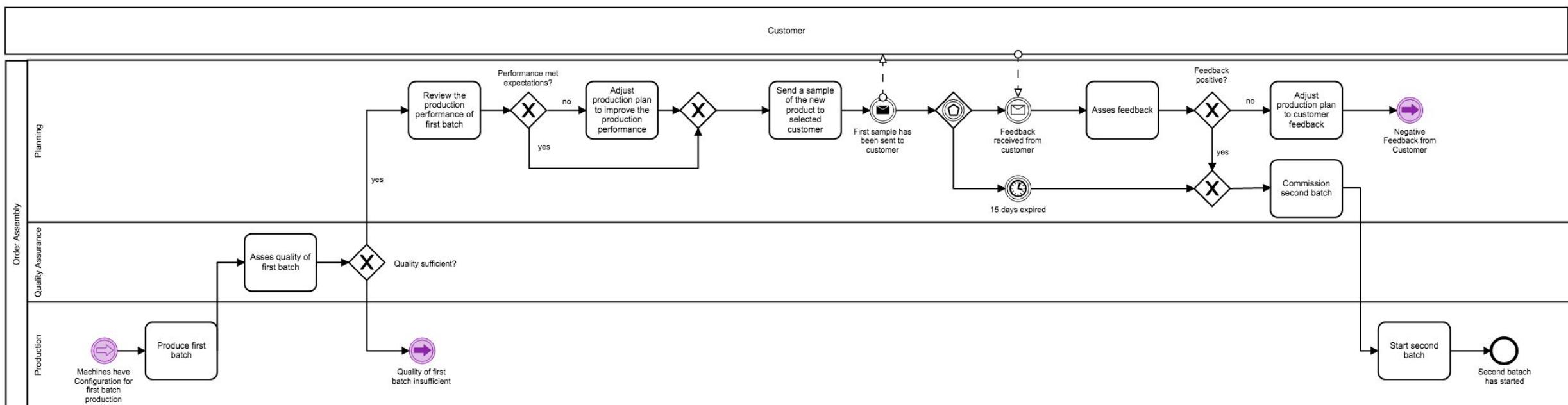
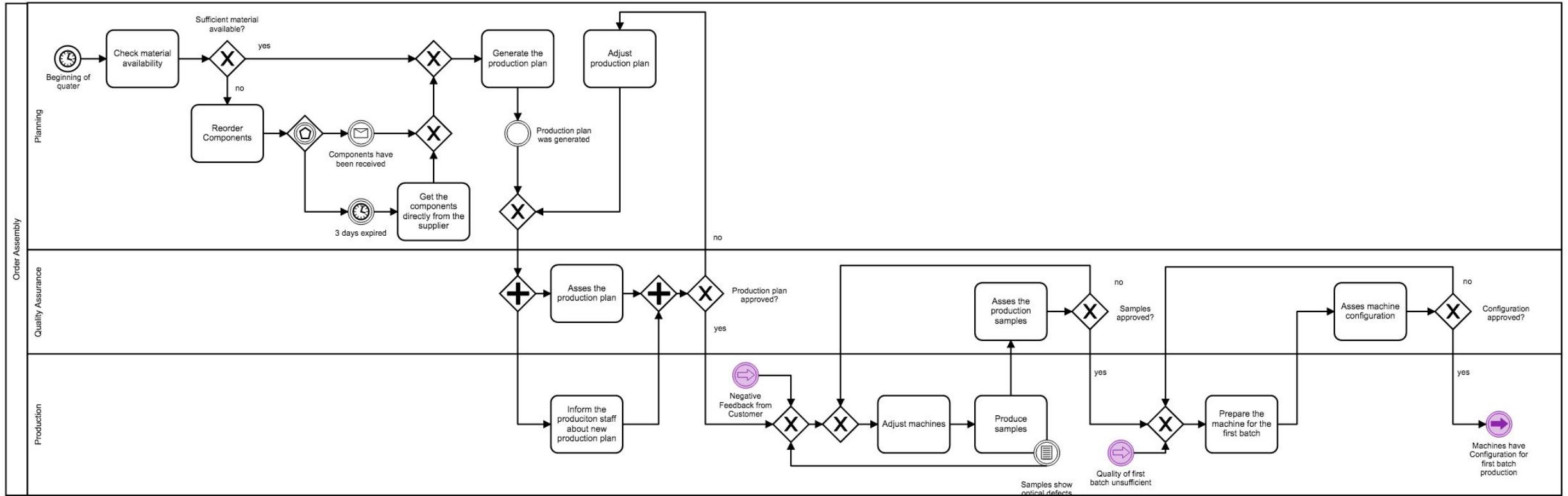






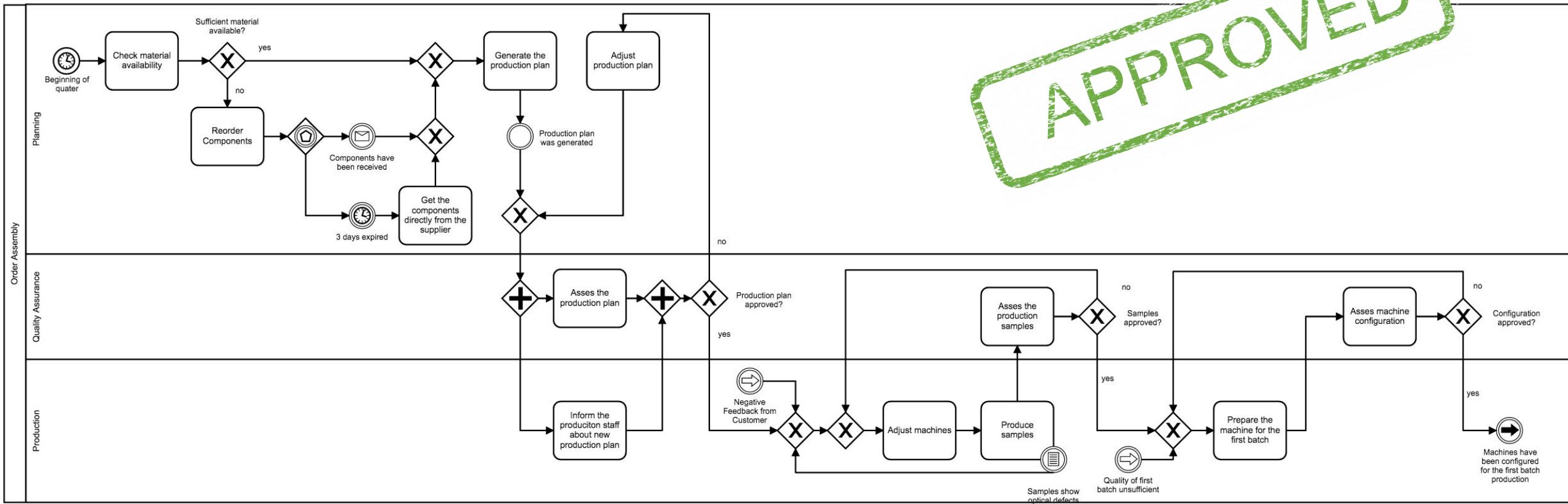




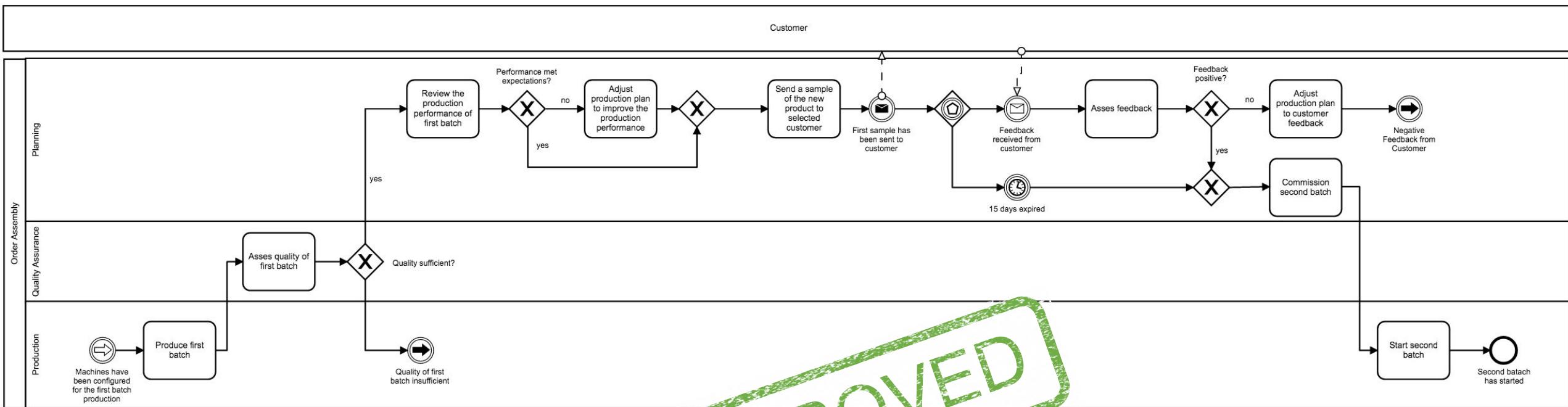


# Part 1

**APPROVED**



# Part 2



Start

Intermediate

End

Catching

Throwing



Plain Start Event



Start Message Event



Start Timer Event



Conditional Start Event



Catching Intermediate Message Event



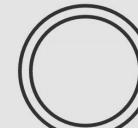
Intermediate Timer Event



Conditional Intermediate Event



Catching intermediate Link



Plain Intermediate Event



Throwing Intermediate Message Event



Throwing Intermediate Link



Plain End Event



End Message Event

Start

Intermediate

End

Catching

Throwing



Plain Start Event



Start Message Event



Catching Intermediate  
Message Event



Plain Intermediate Event



Plain End Event



Start Timer Event



Intermediate Timer Event



Conditional Start Event



Conditional Intermediate  
Event



Catching intermediate Link



Throwing Intermediate Link

The link event is not intended to connect follow up processes.

For follow up process, we use normal start and end events.

How do I know whether it is a **second** part  
of a process or a follow up process? 

What is the start, and what is the end of  
my process? 🤔

What is the goal of the process? 🤔

The goal for Max is to ultimately **sell the shoes** to the customer.

Providing extra services to the customer  
is not part of the immediate process of  
selling the shoes.

How to structure the information through processes effectively? 🤔

With the Link Event you've learned your first concept to slice information.



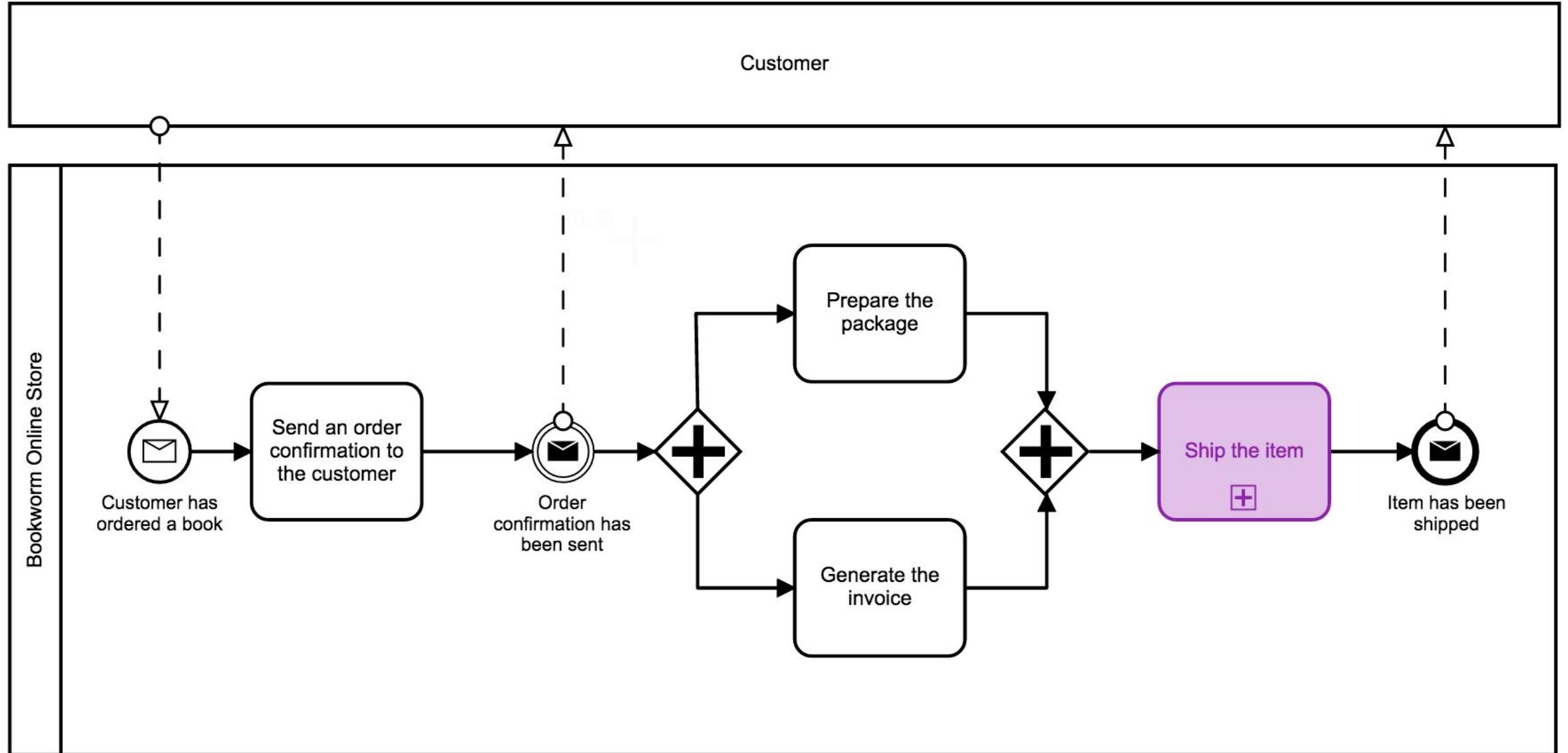
# BPMN Theory

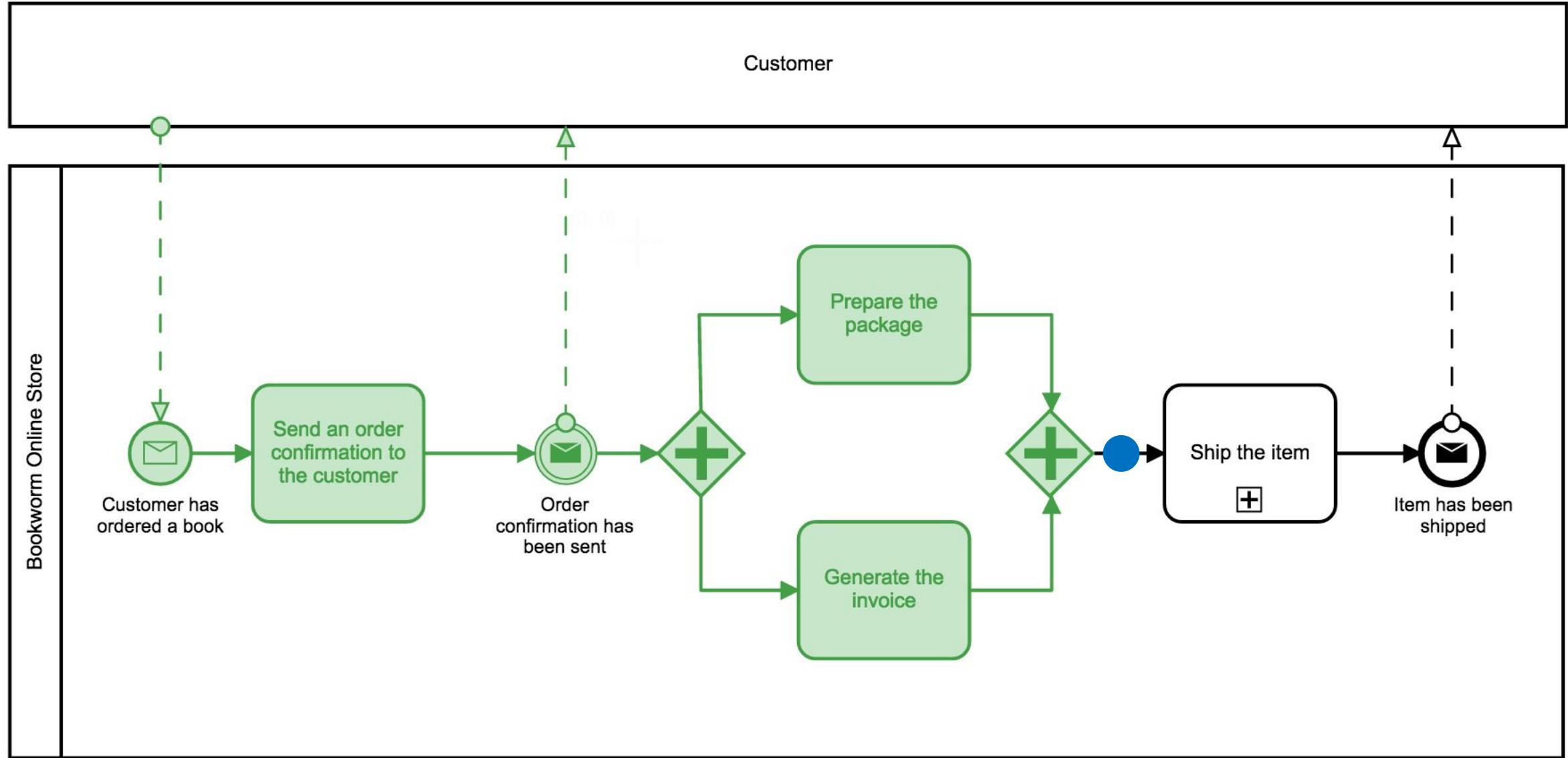
process camp

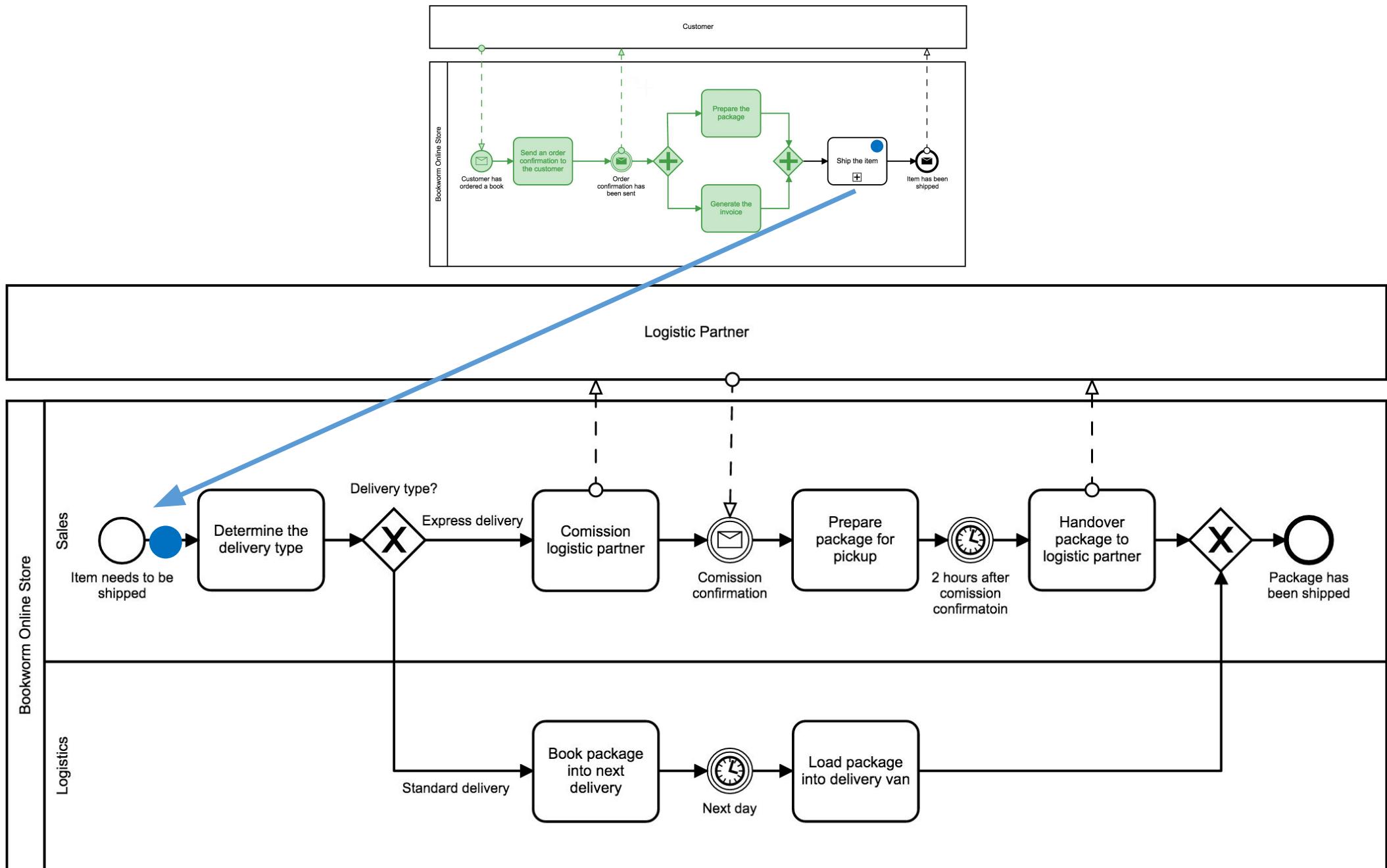
# The Sub Process

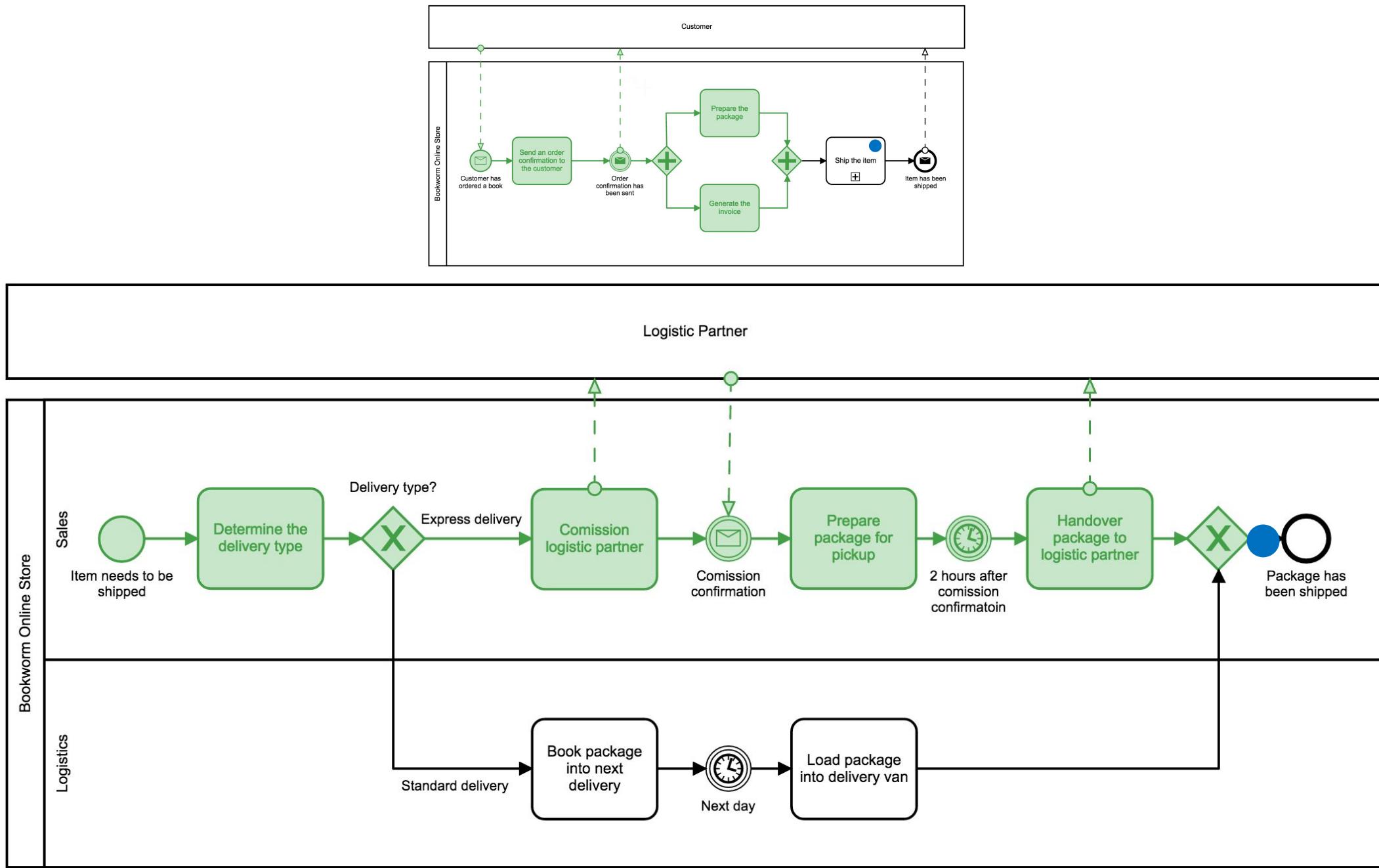


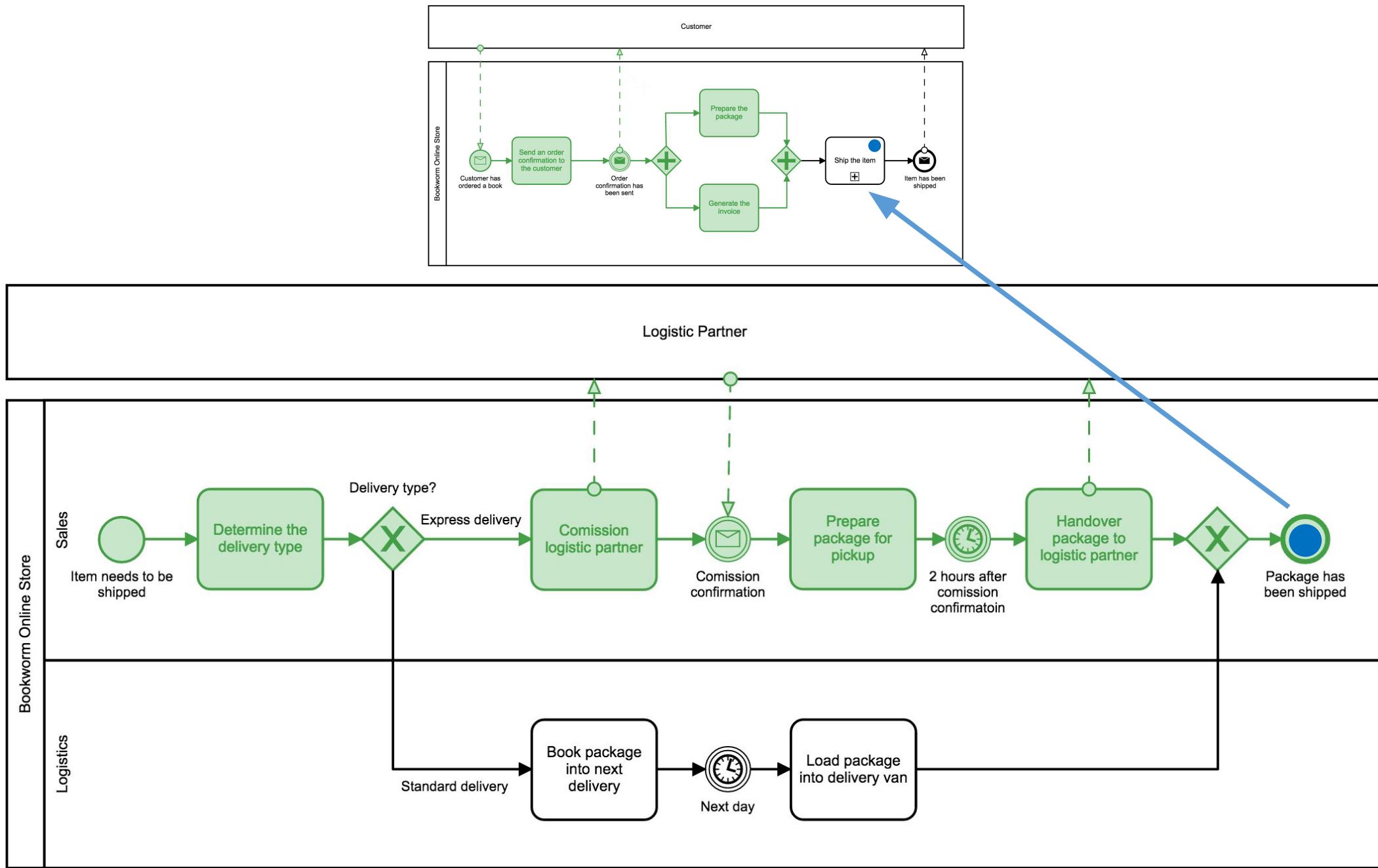
- A sub process links to another more detailed process

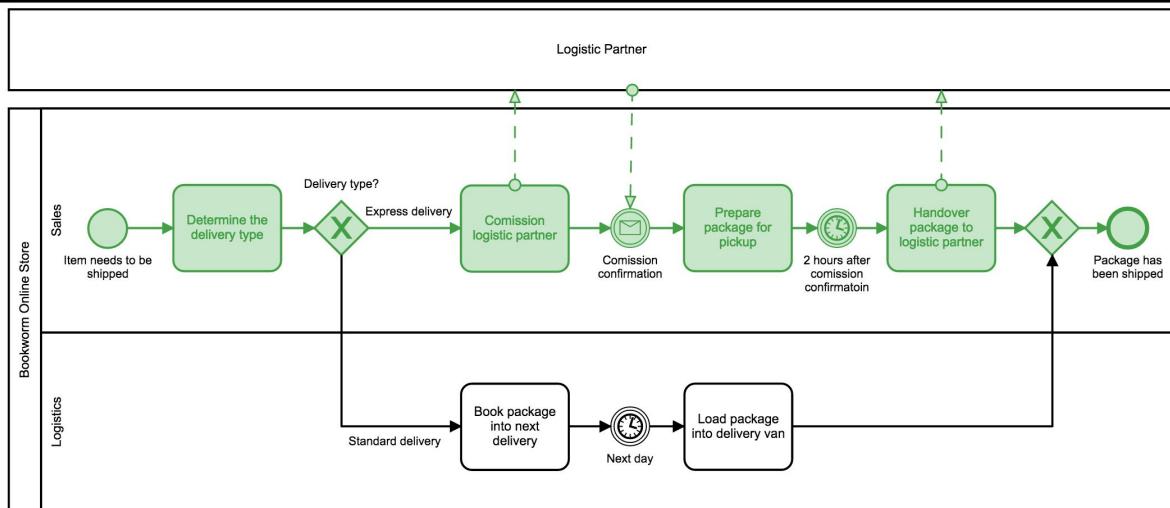
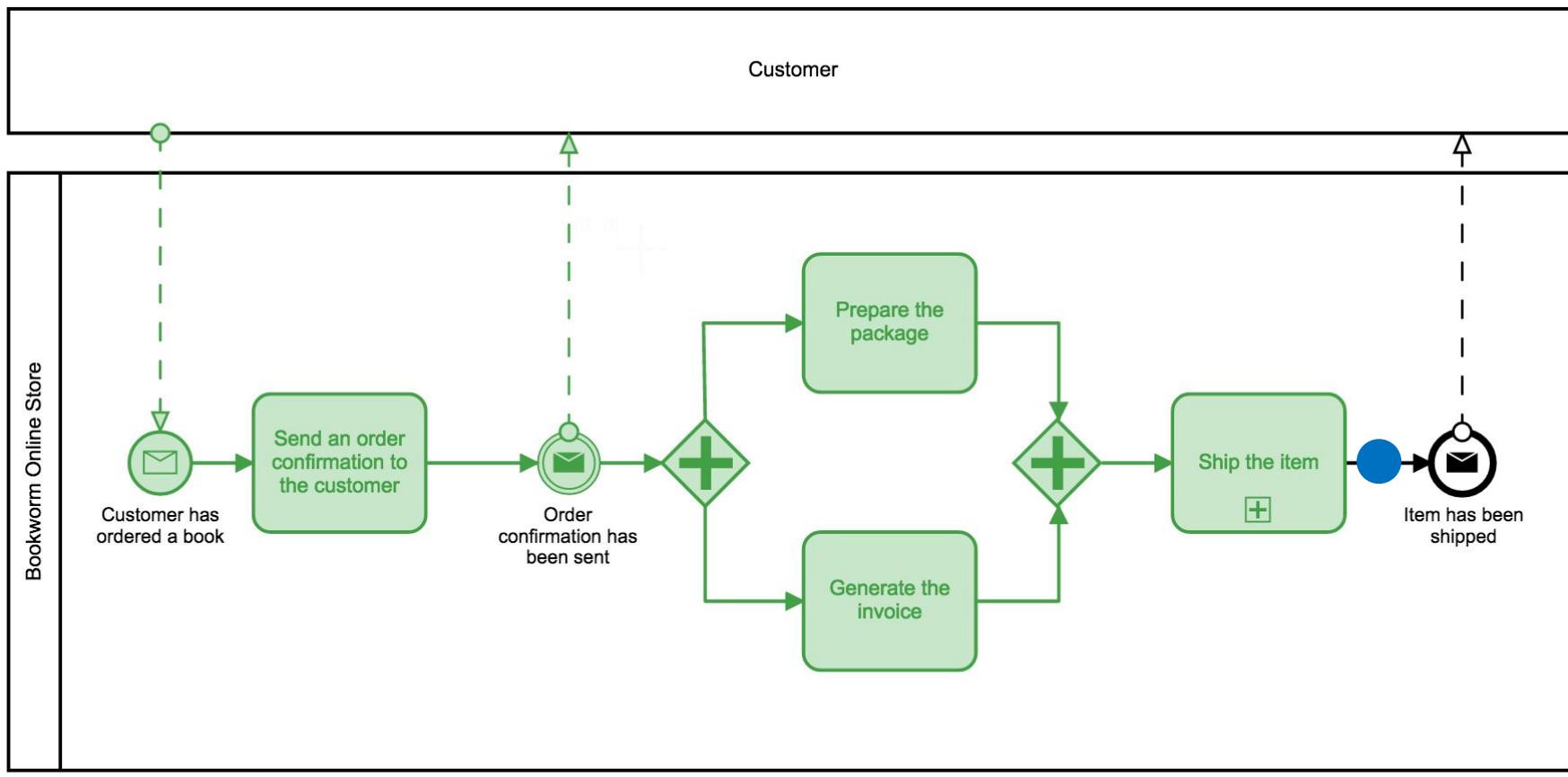


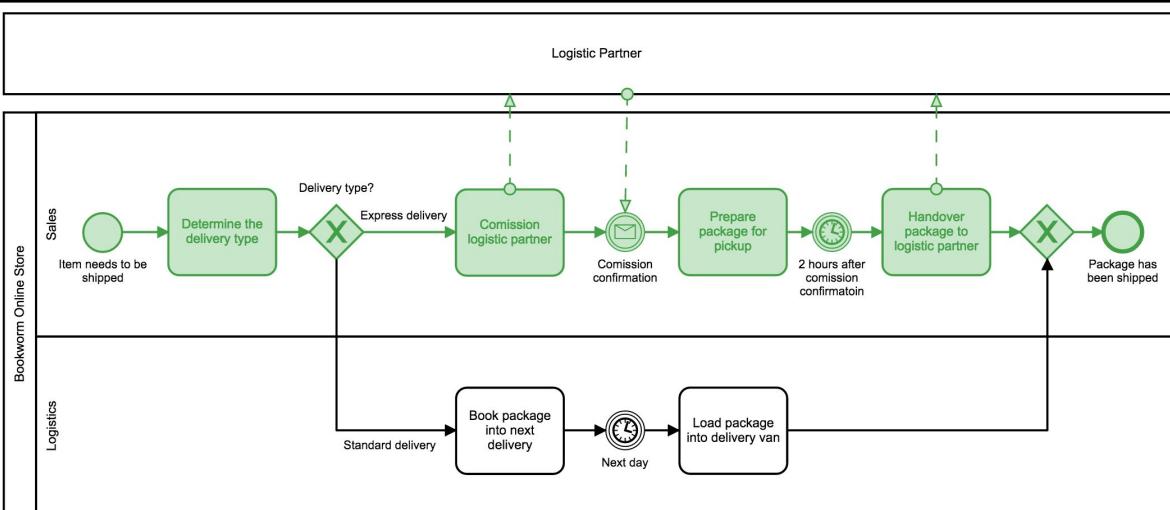
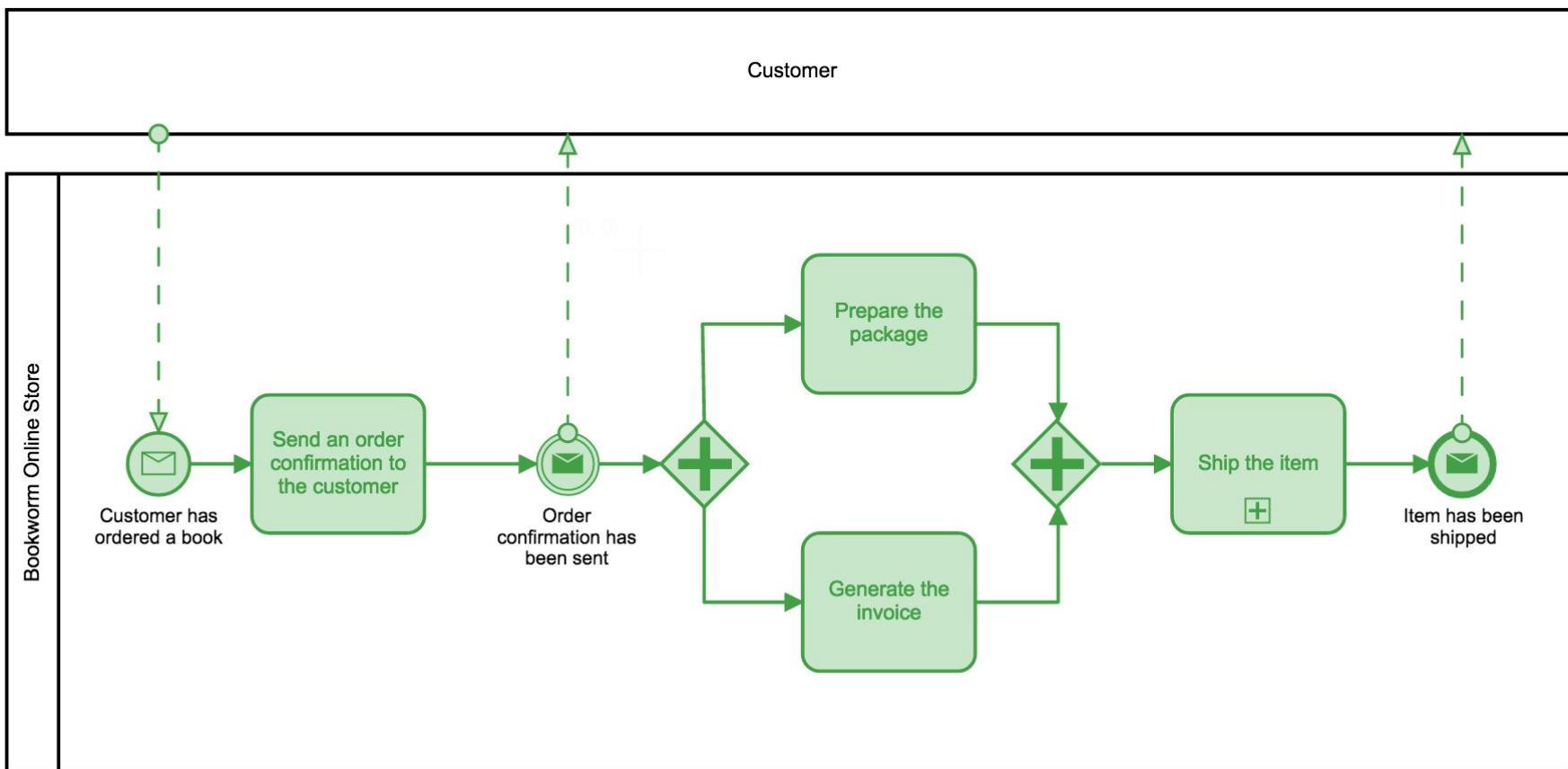




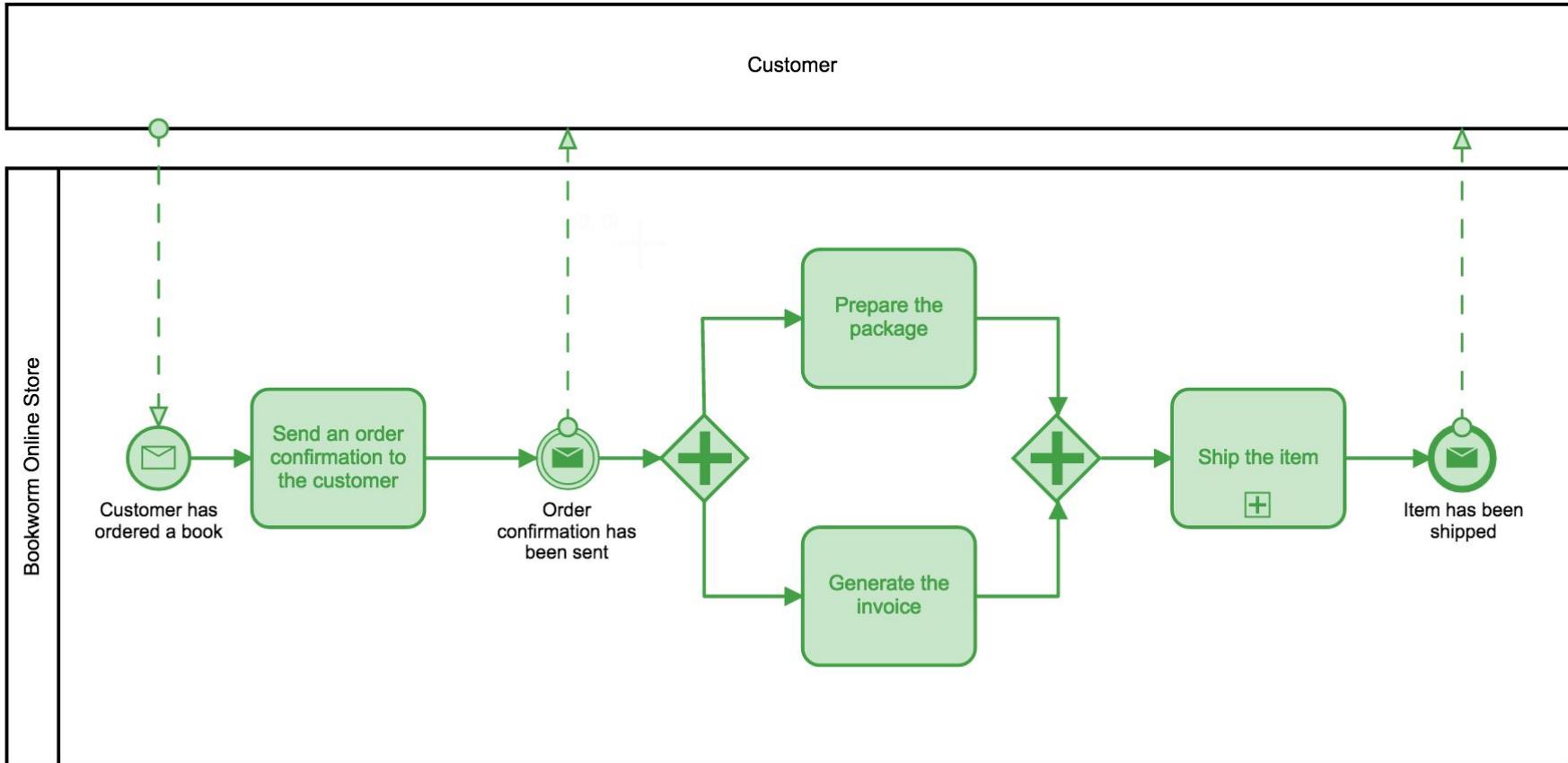




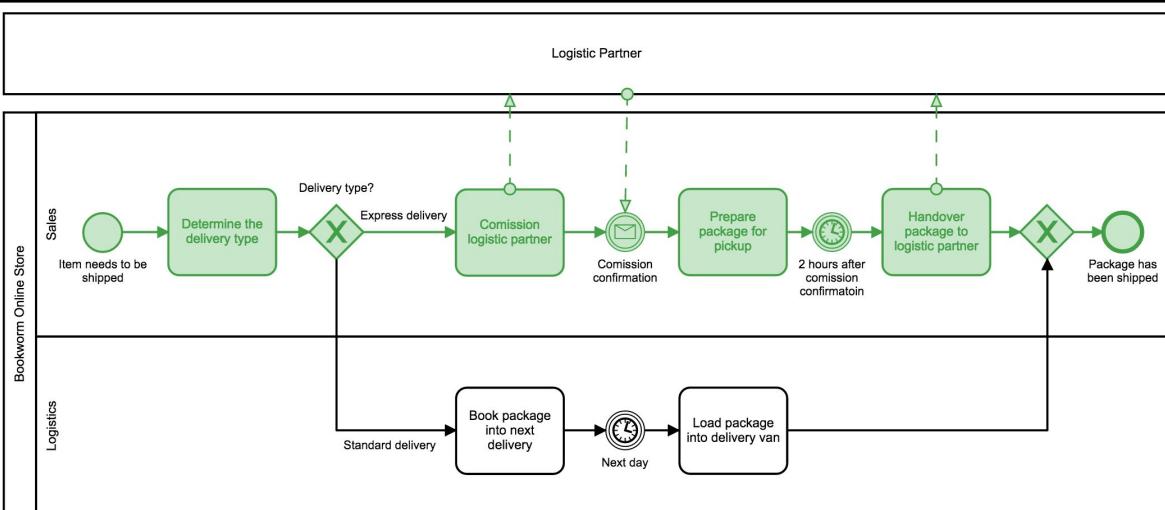




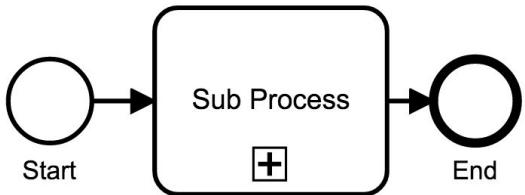
## Level 1



## Level 2



# Level 1



# Level 2



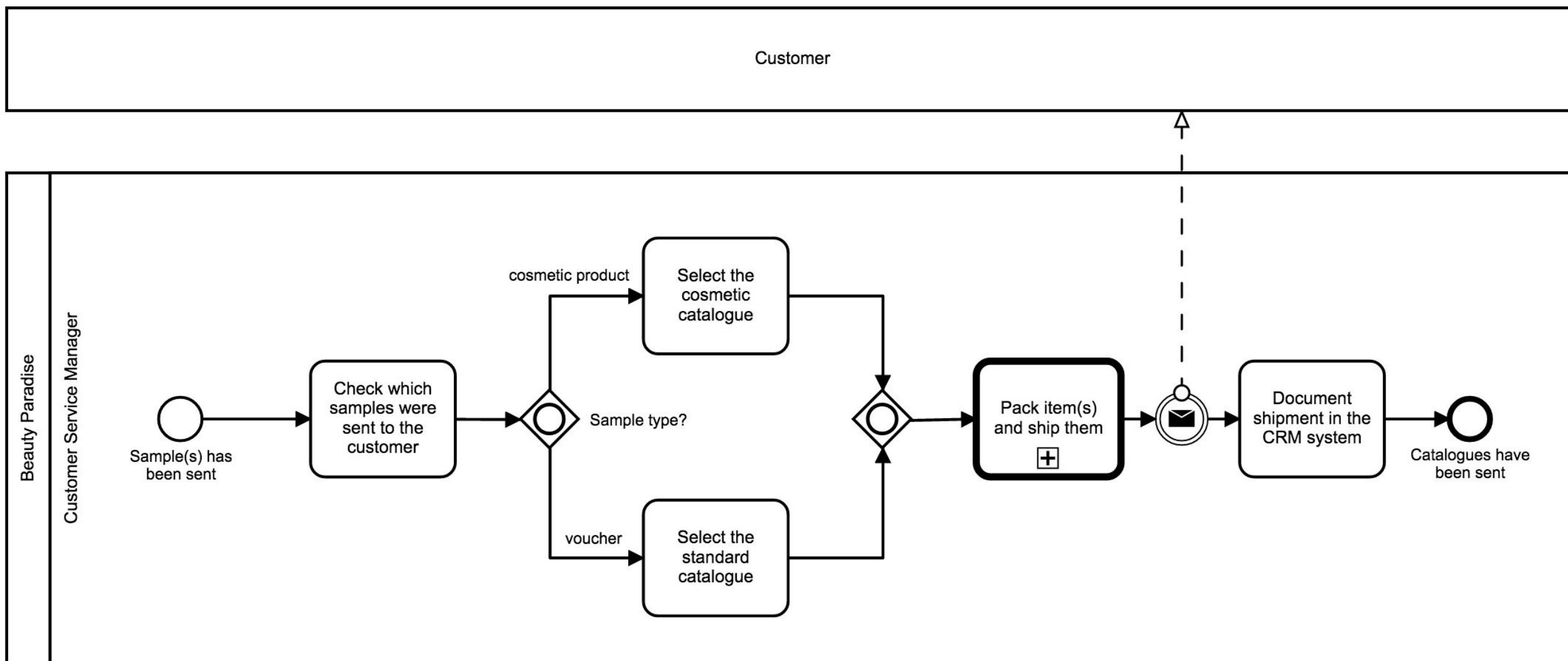
# BPMN Theory

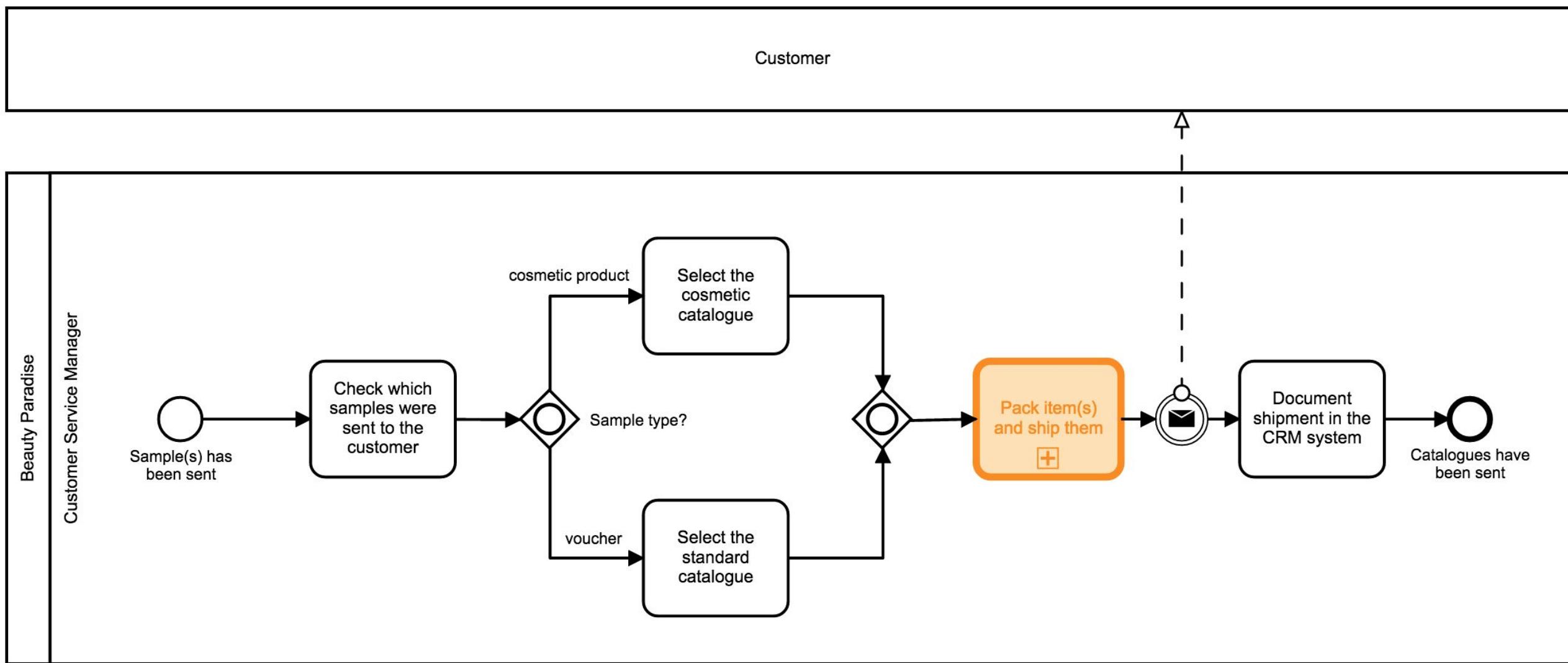
process camp

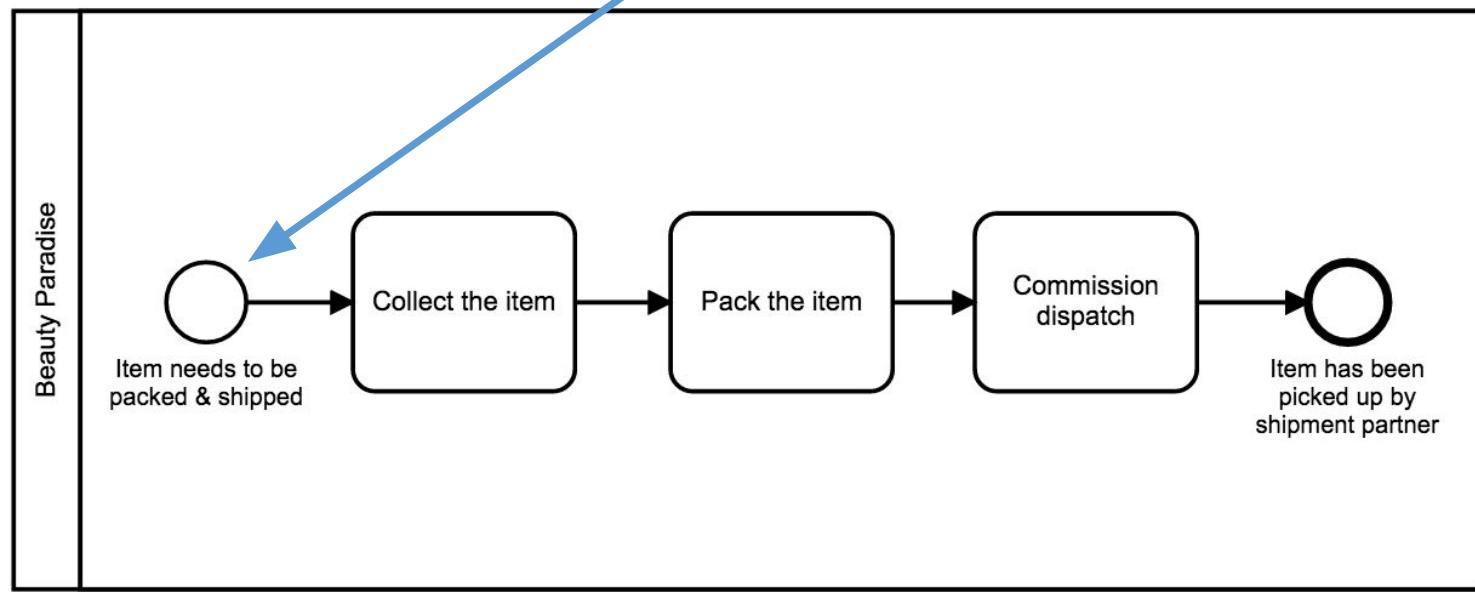
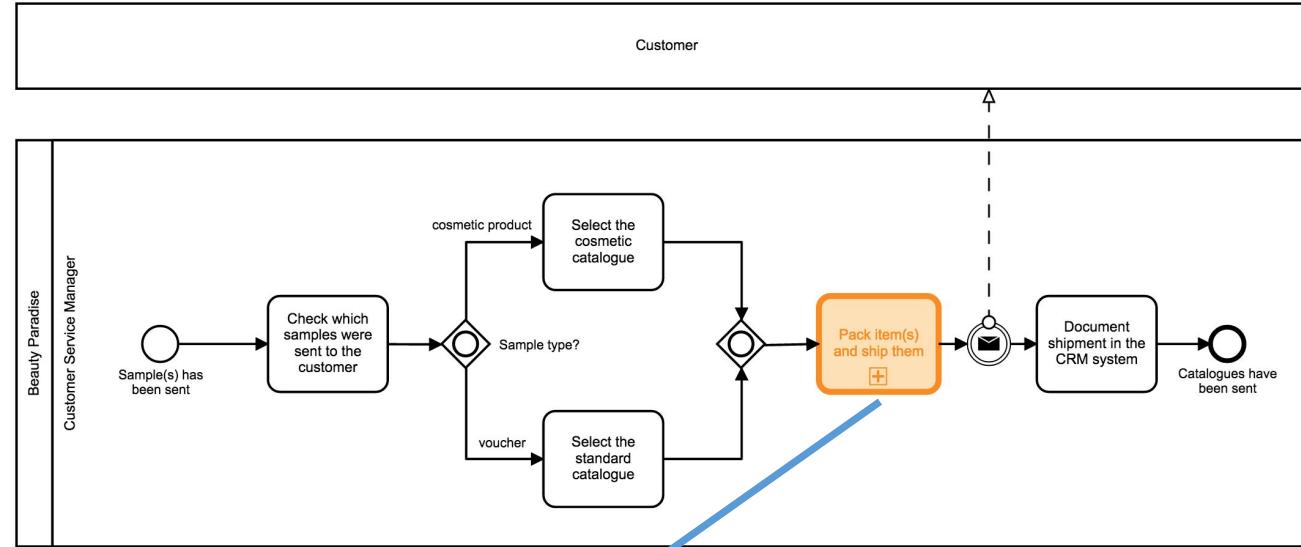
# Call Activity



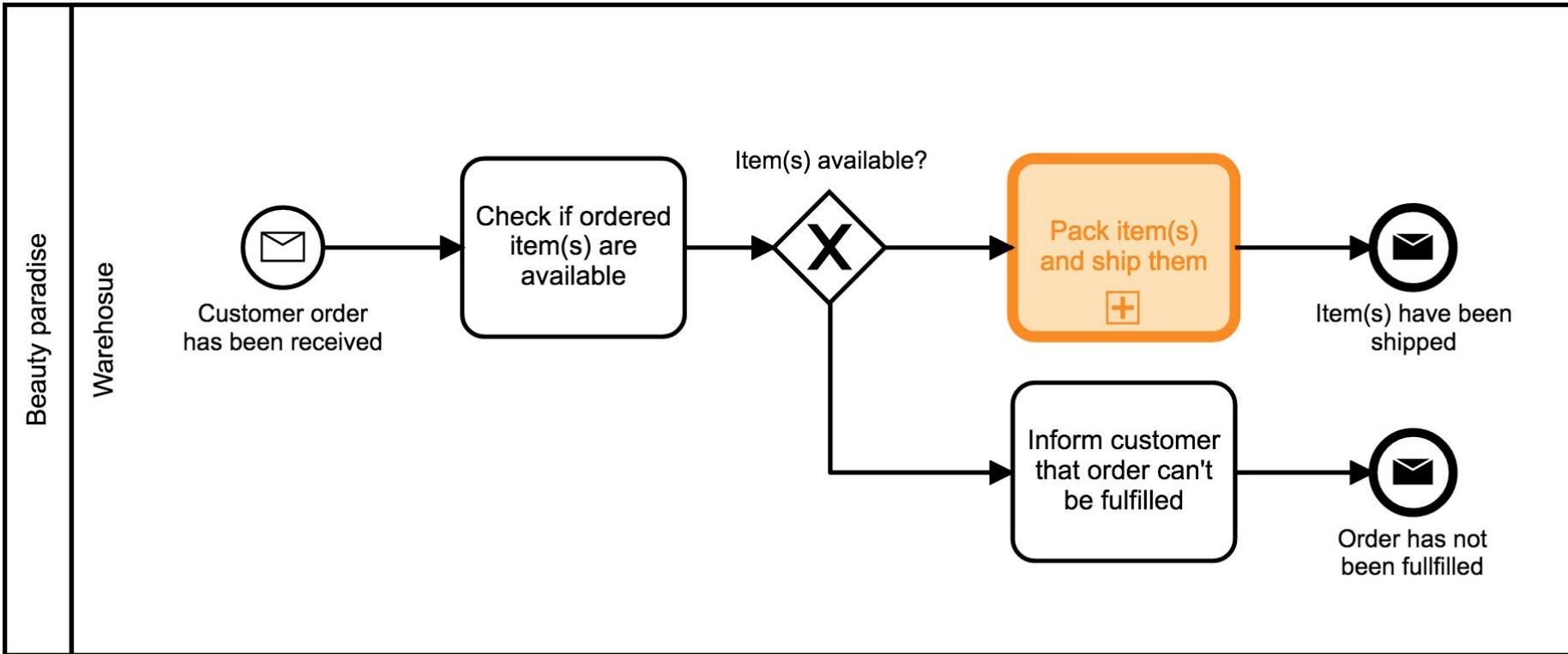
- Links to another process
- The linked process is a globally defined process



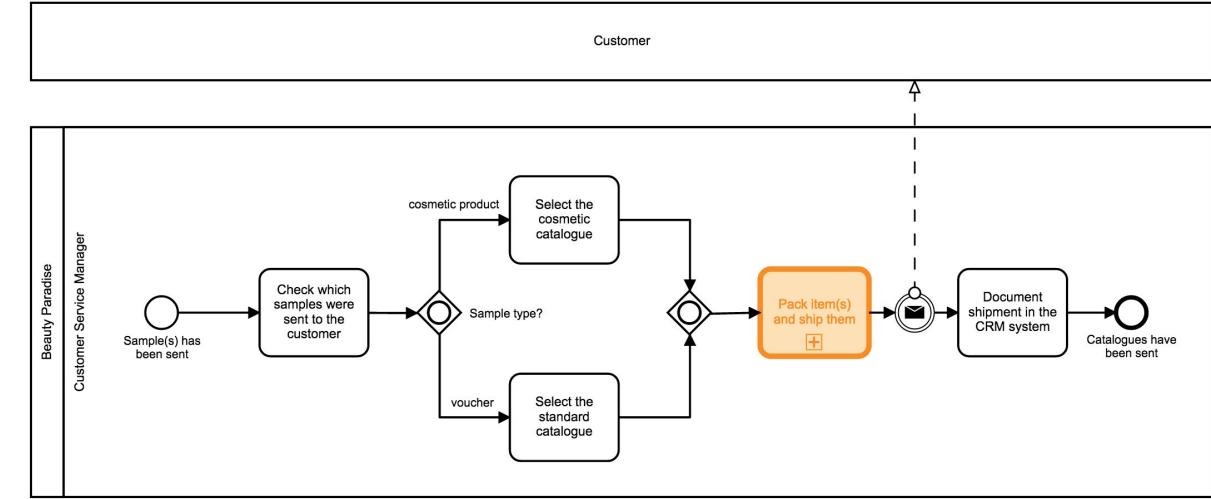
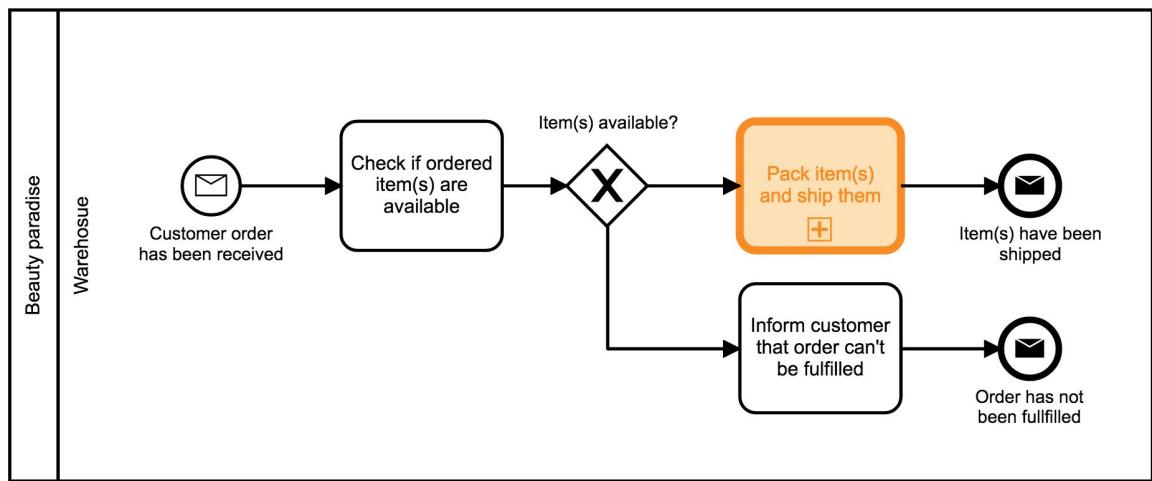


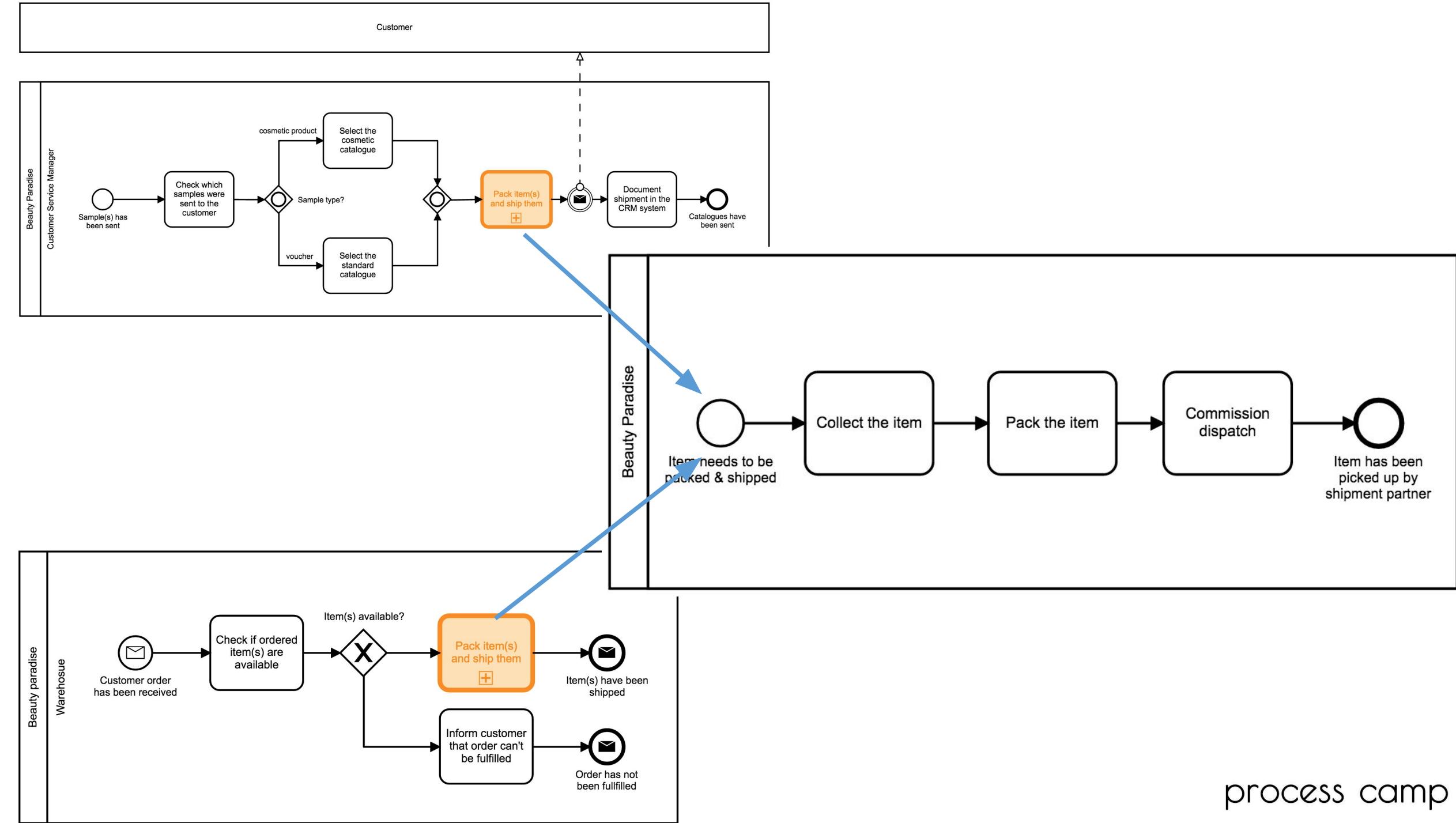


Let's have a look at another, unrelated  
process of the beauty paradise



# Both processes are completely unrelated.





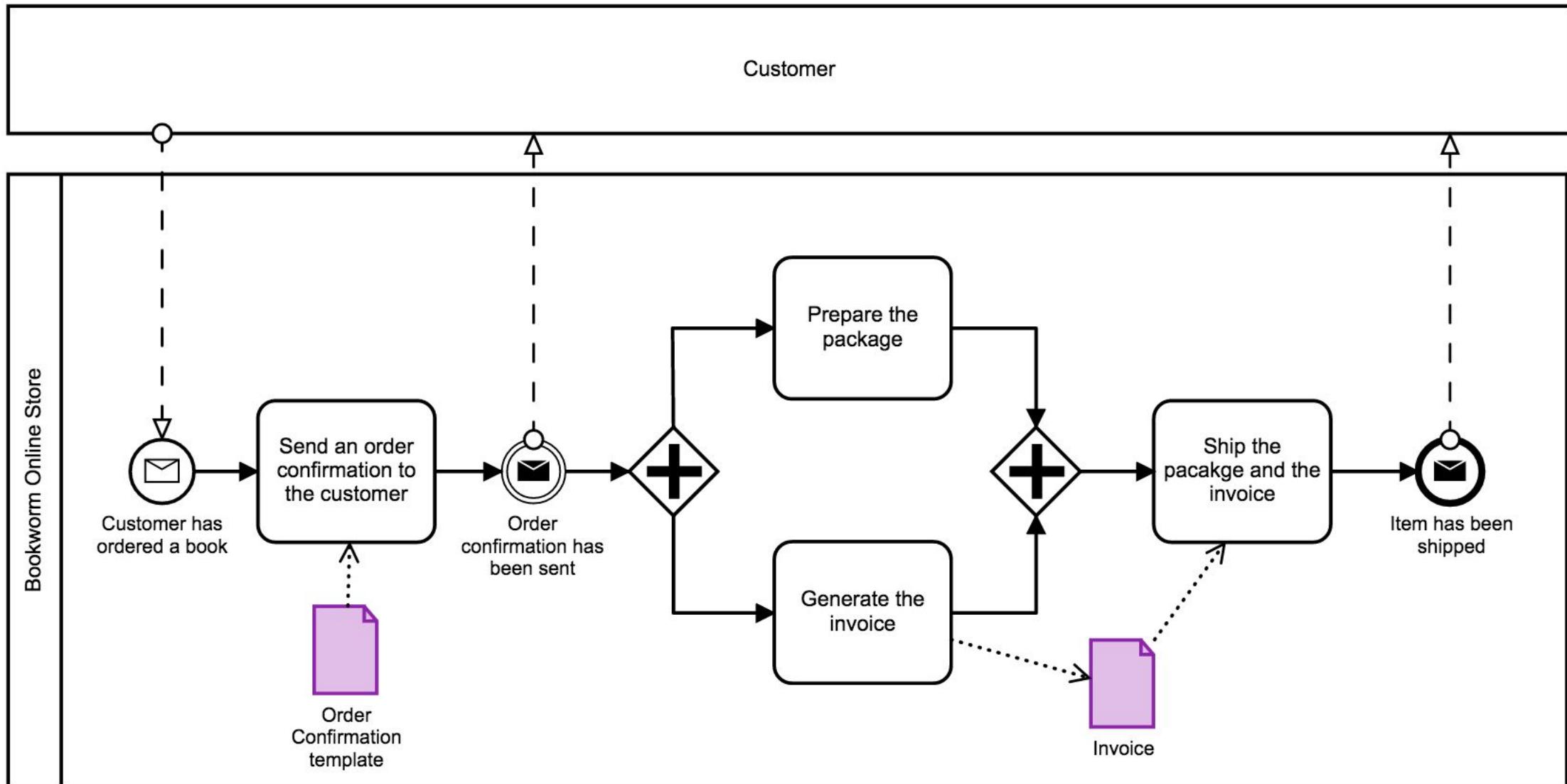
# BPMN Theory

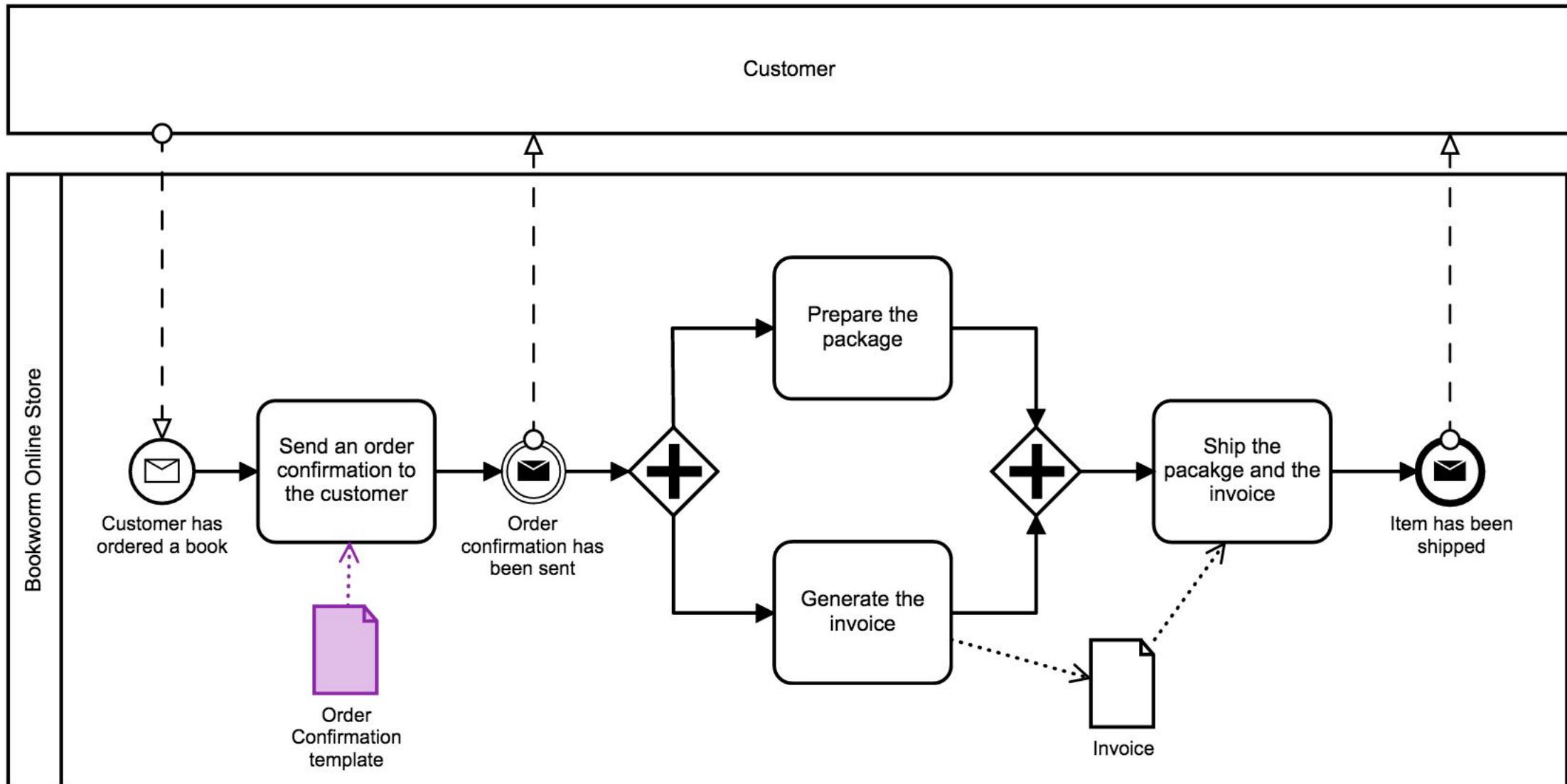
process camp

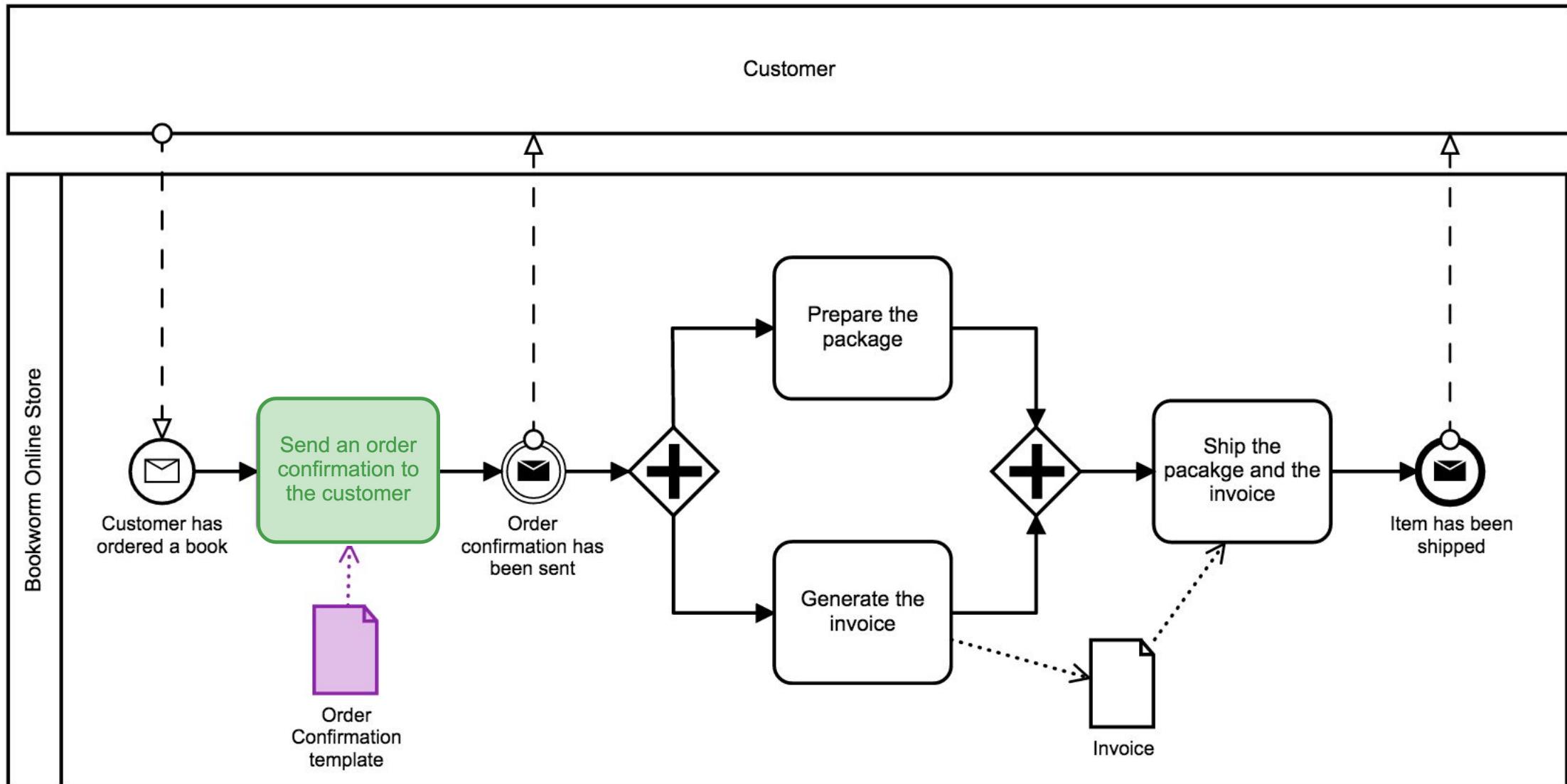
# Data Object

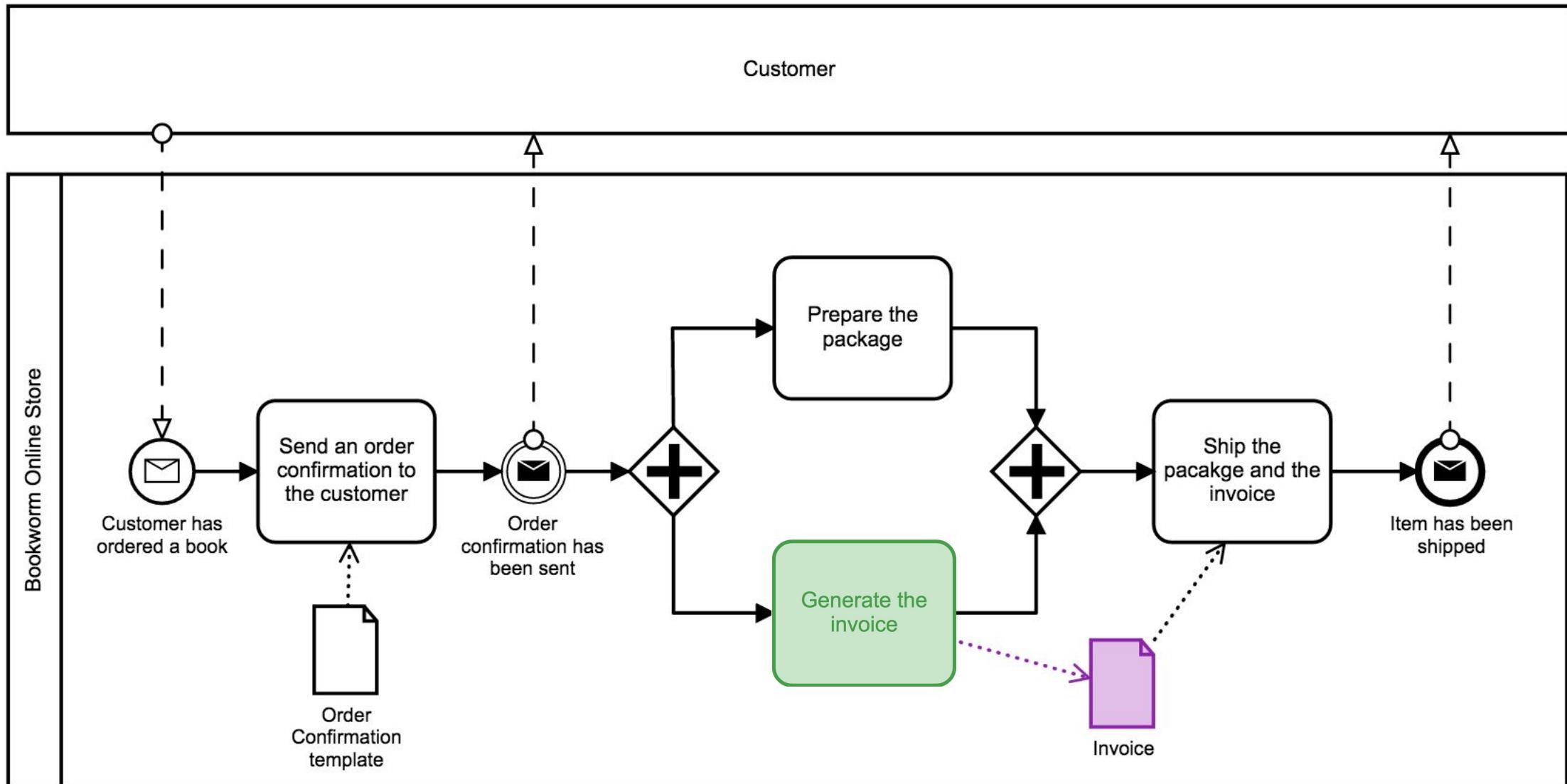


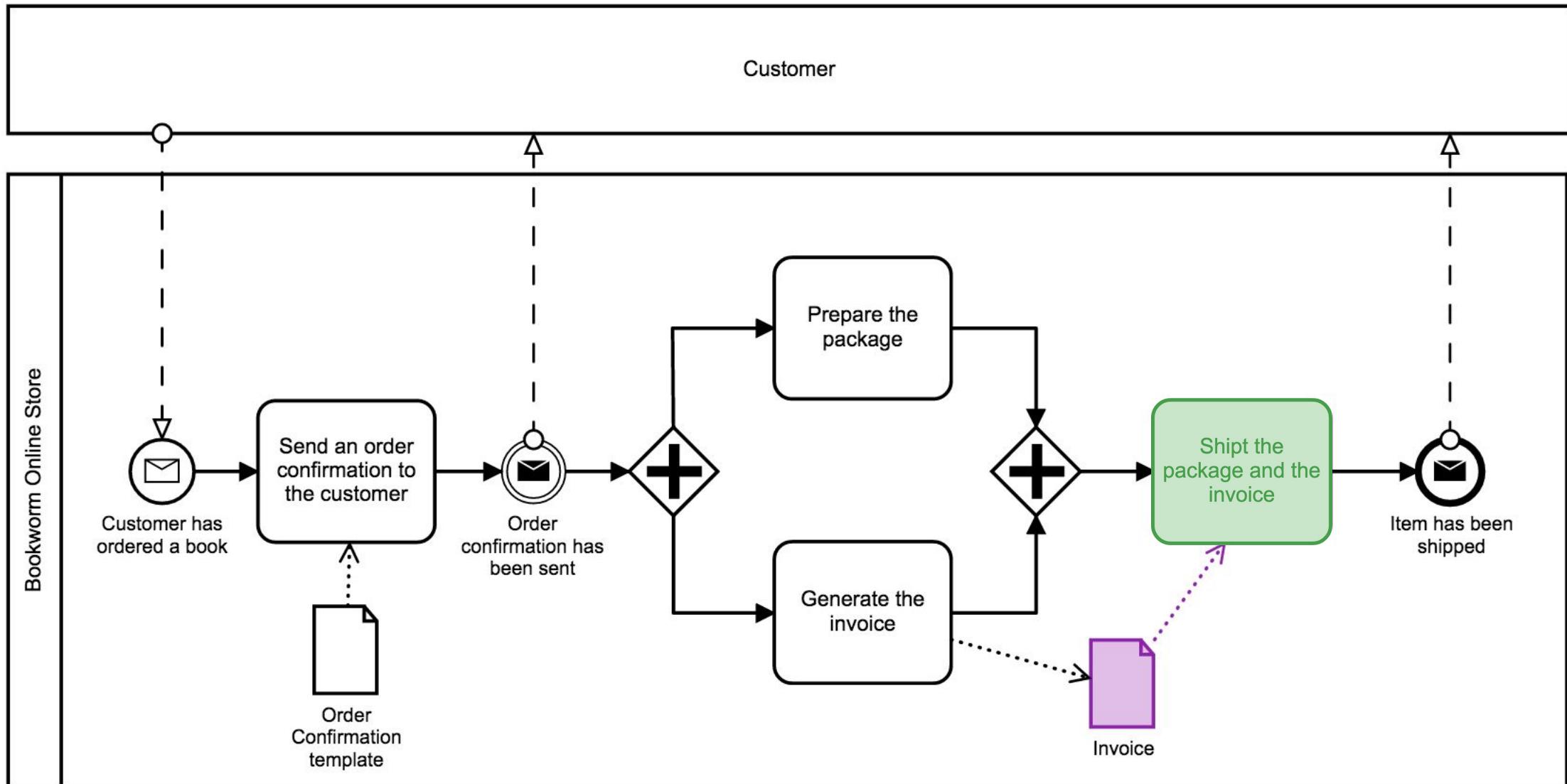
- Represents data flowing through the process, such as business documents, emails or letters.





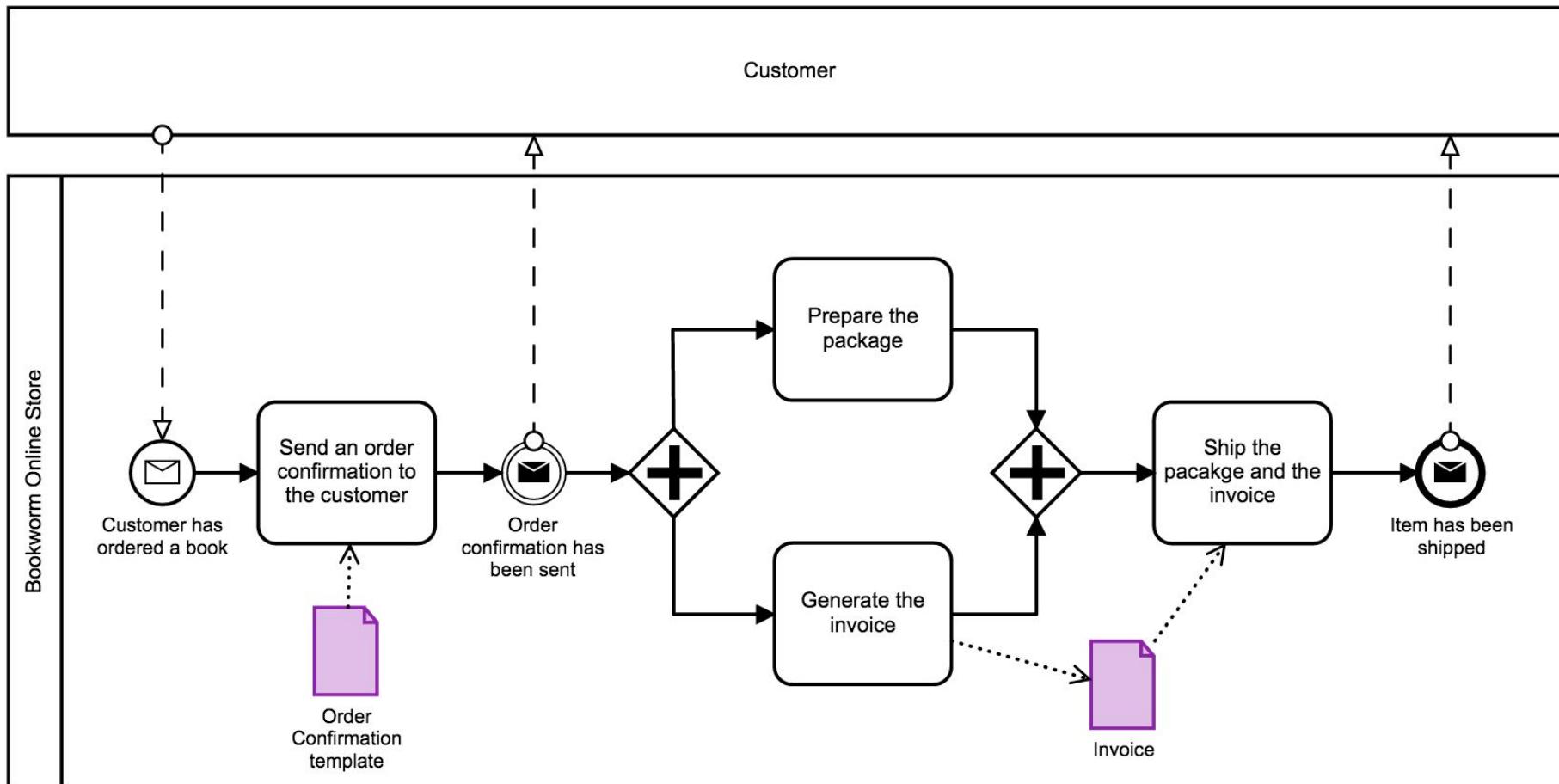




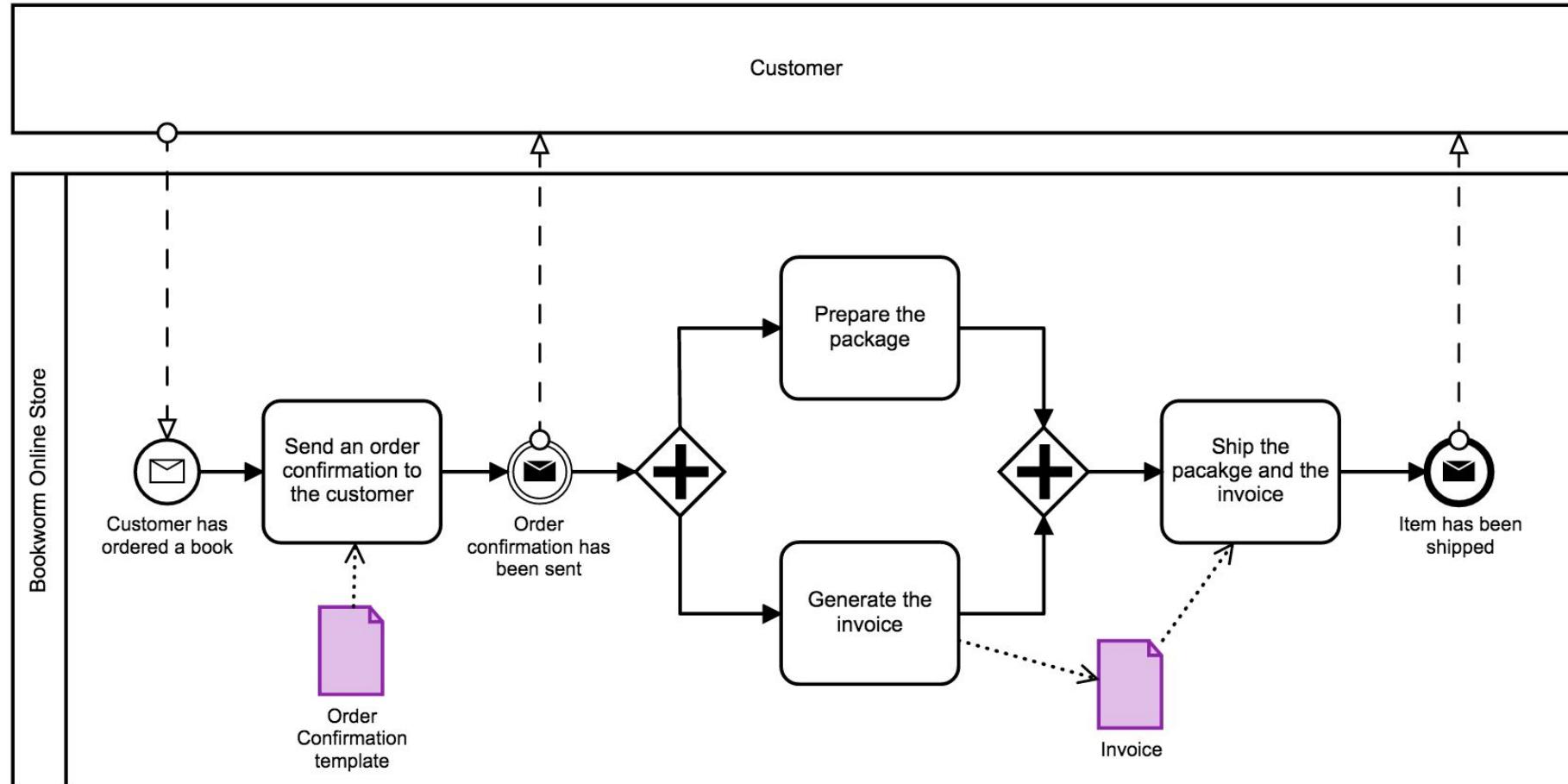


The use of data objects are **optional**.

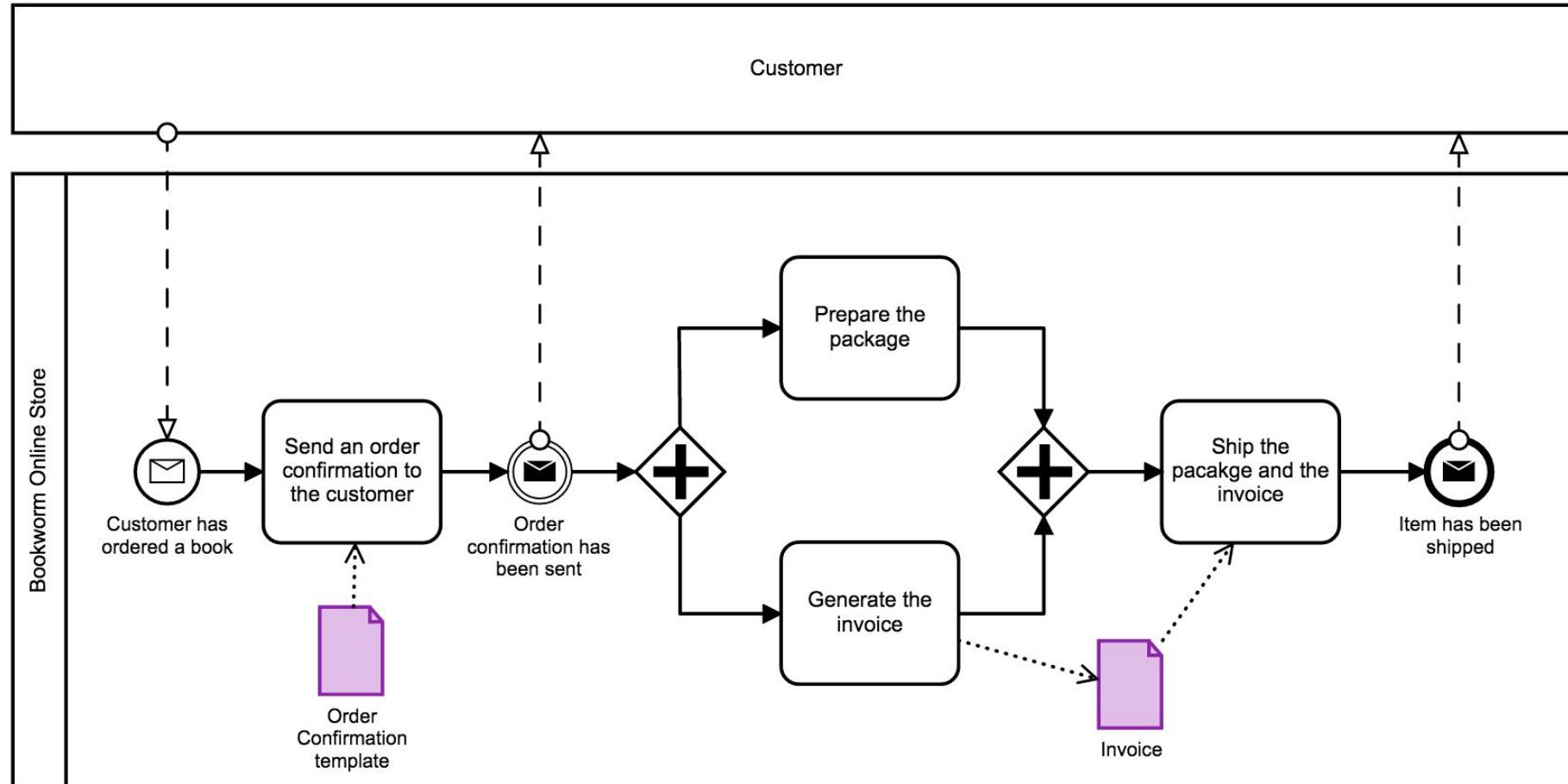
# It depends on the use case!



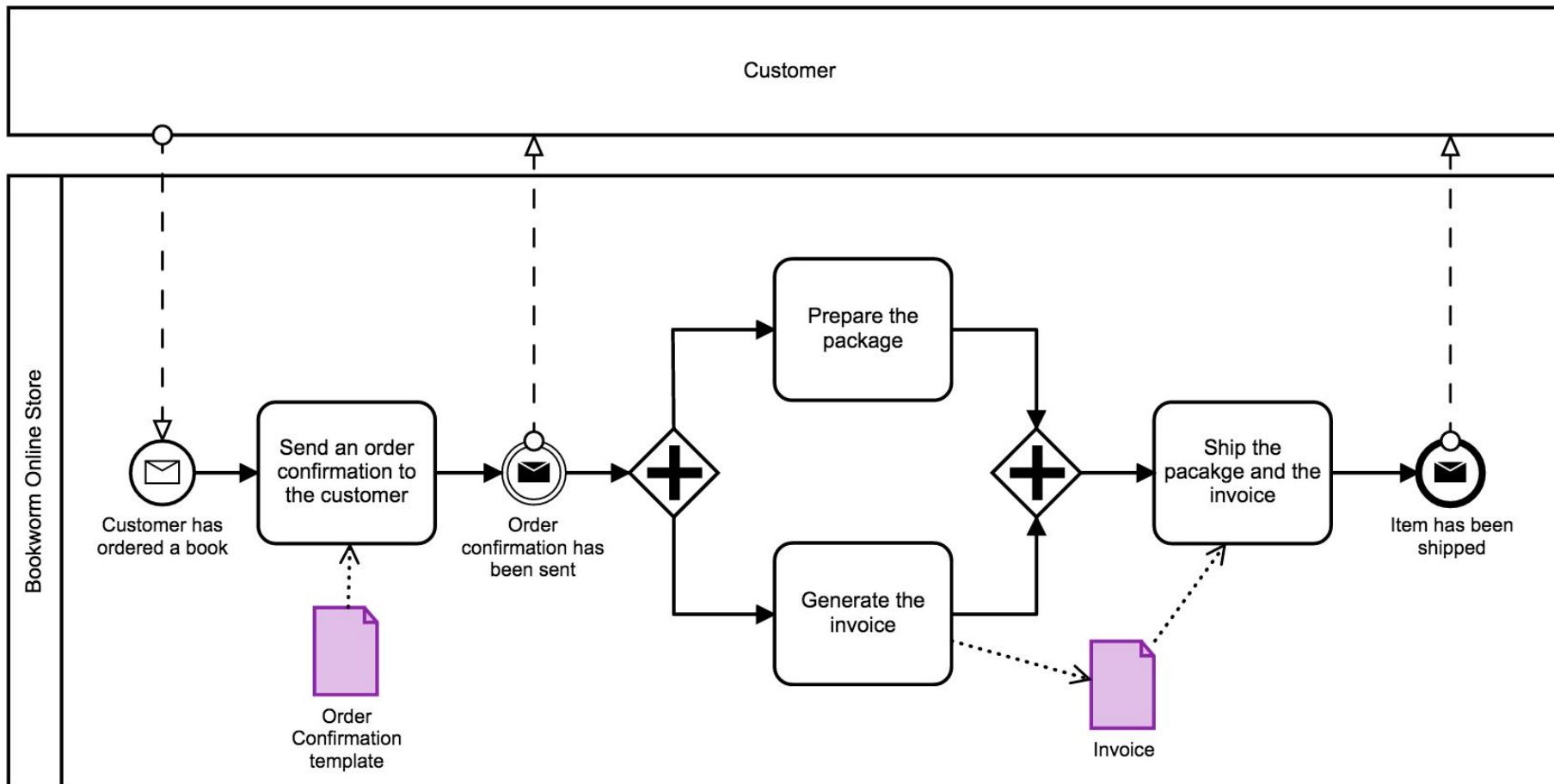
# The manager decided to implement a new document management system.



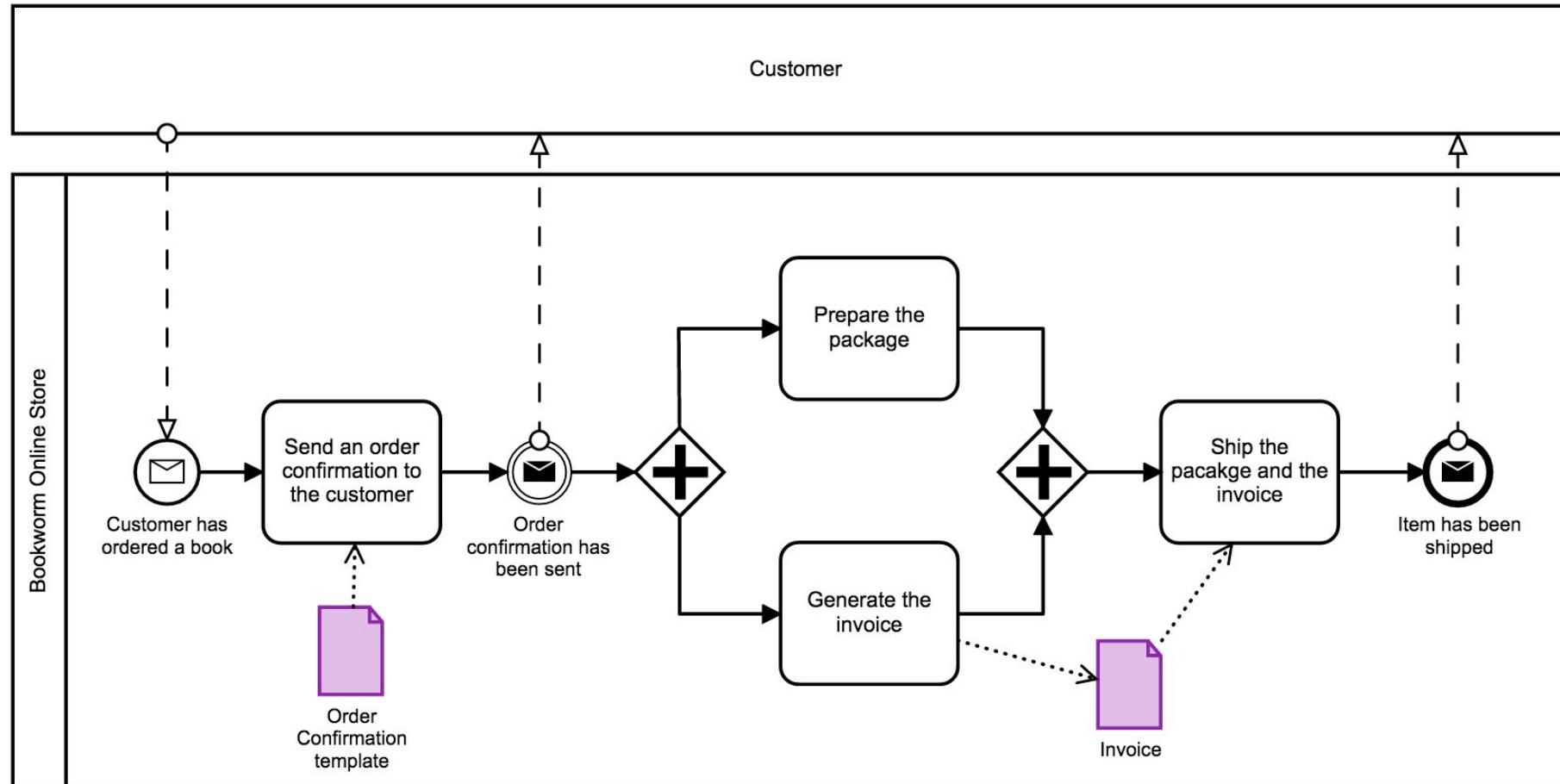
# All relevant processes and the associated documents need to be considered.



# So the IT department knows which documents are used when and how.



# In this scenario, it makes perfect sense to use data objects.



# BPMN Theory

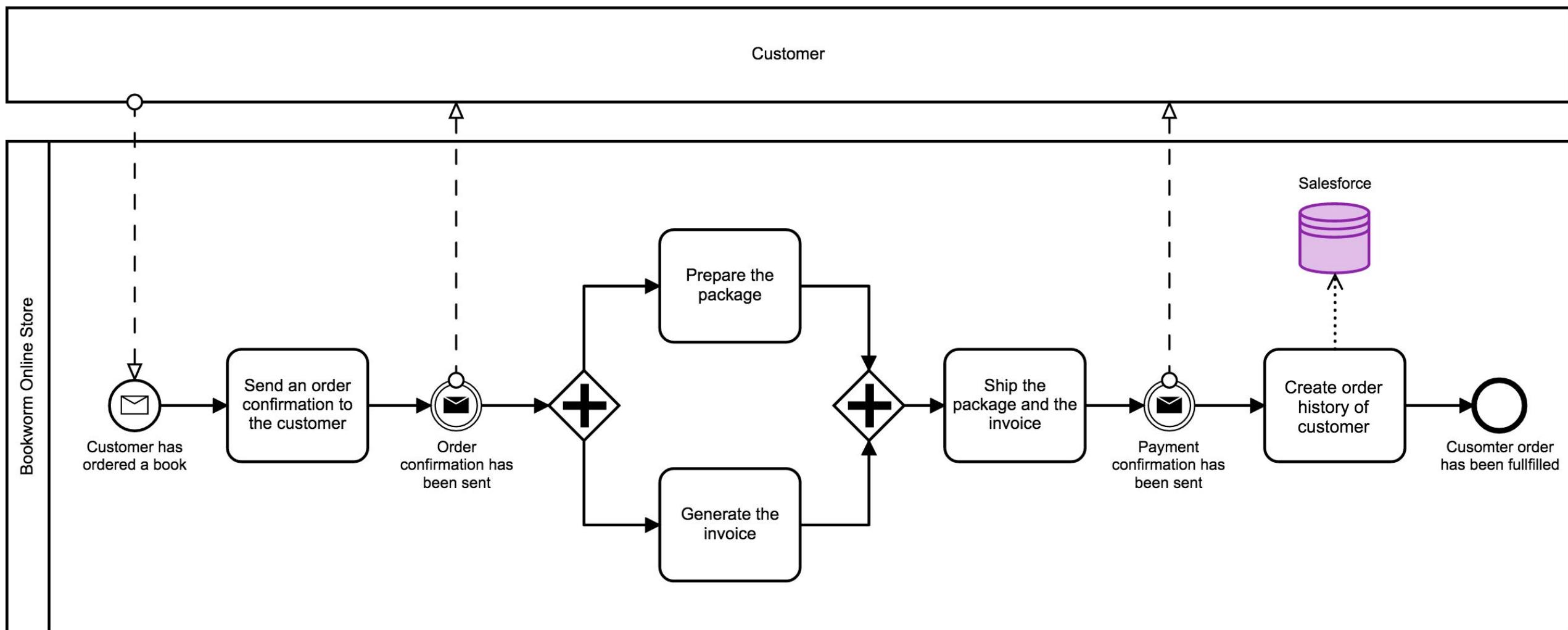
process camp

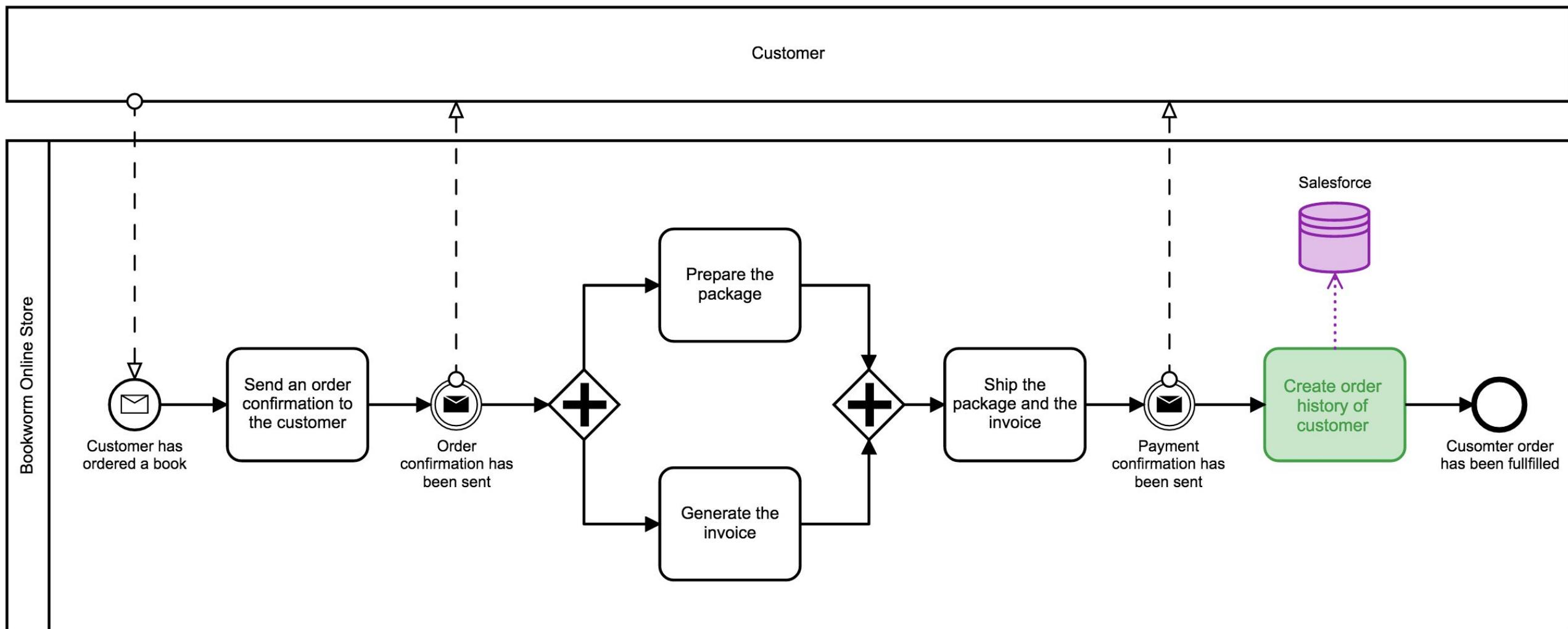
# Data Store



Data Store

- Is a place where the process can read or write data.
- It persists beyond the lifetime of the process instance





The background image is a wide-angle aerial photograph of a coastal city during sunset or sunrise. The sky is filled with warm, golden clouds. In the foreground, the dark silhouette of an airplane's wing and tail is visible, extending from the top left towards the center. Below the wing, a coastal area with numerous small islands and a winding river or coastline is visible.

# BPMN Practice

Visa For The Dream Island



# You've Packed

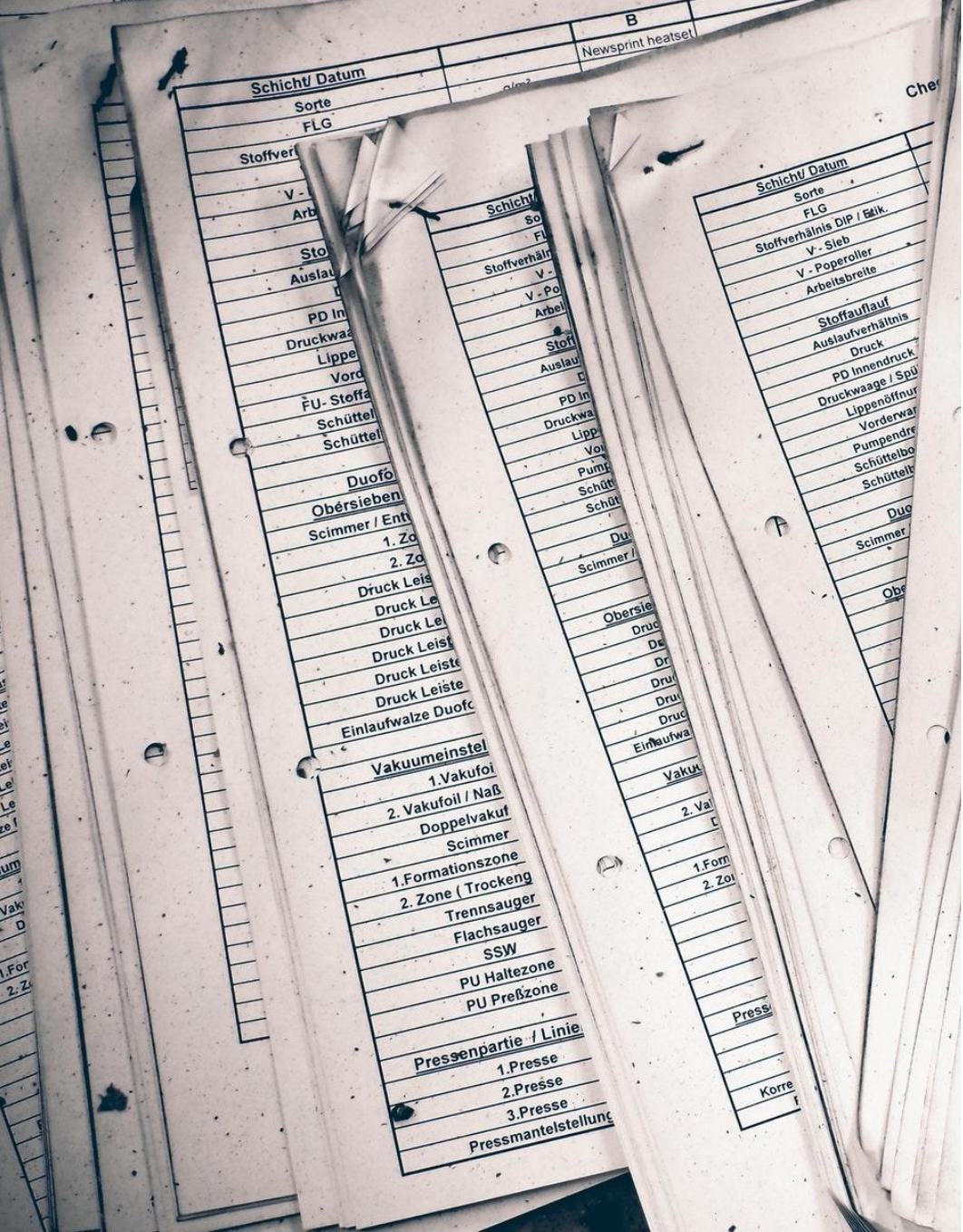
- You're ready to take off to the dream island
- But one important thing is missing

process camp



# The Visa

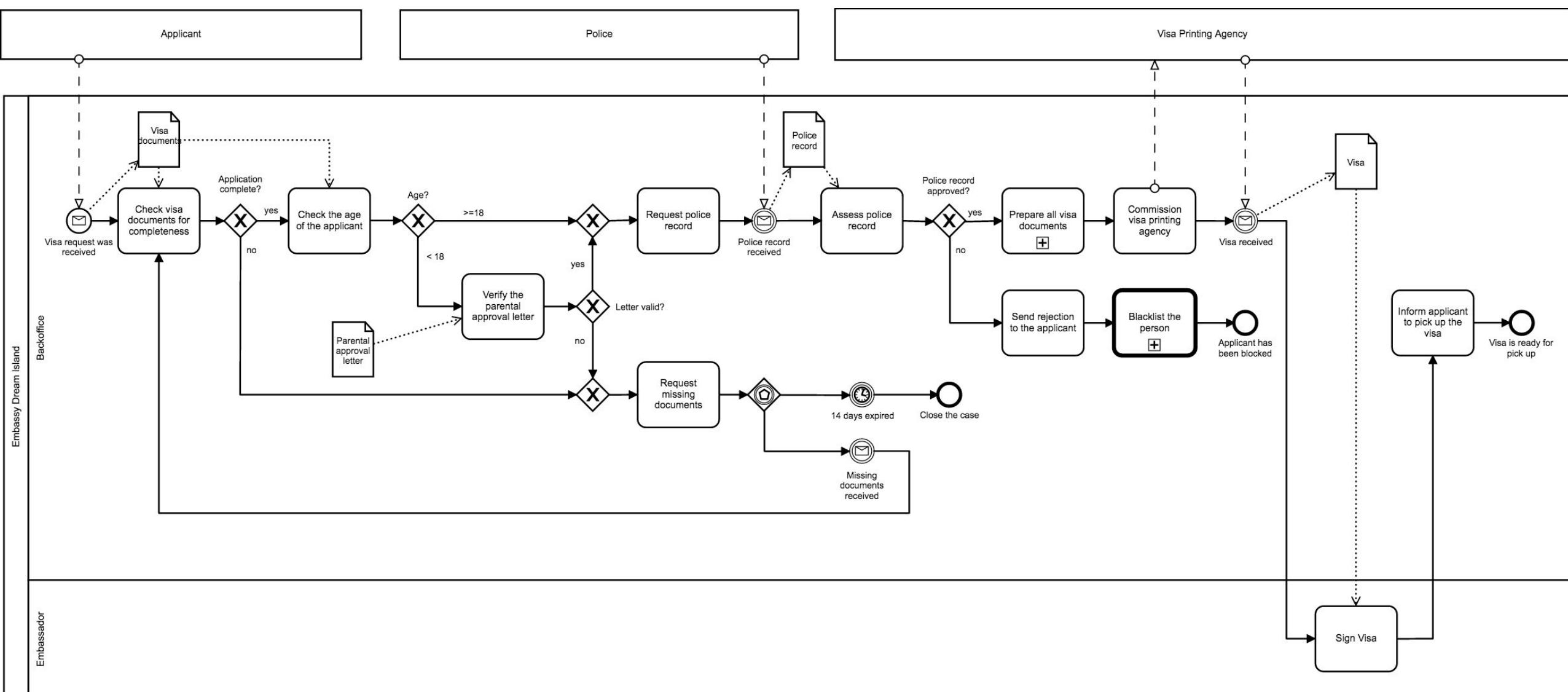
- You've applied for the visa **4 weeks** ago
- The process seems to be stuck



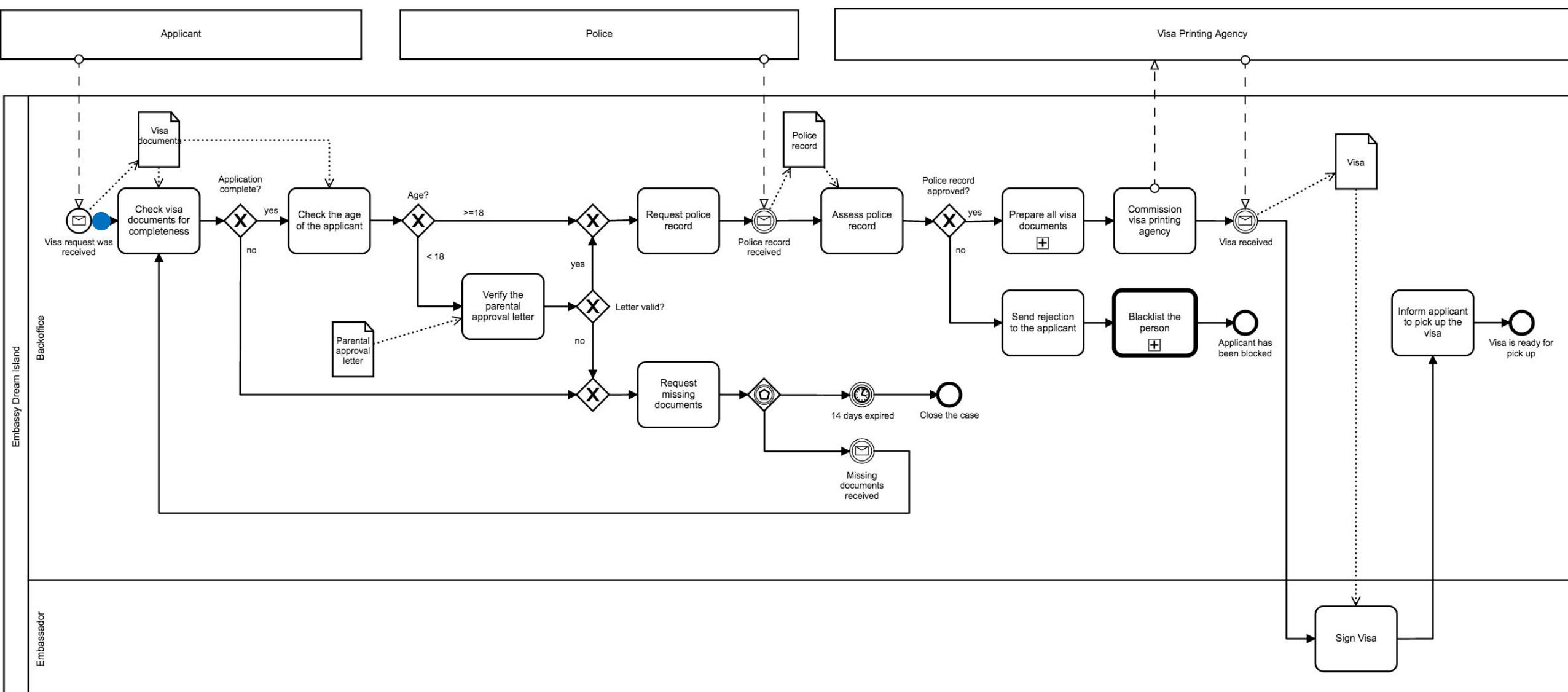
# The Embassy

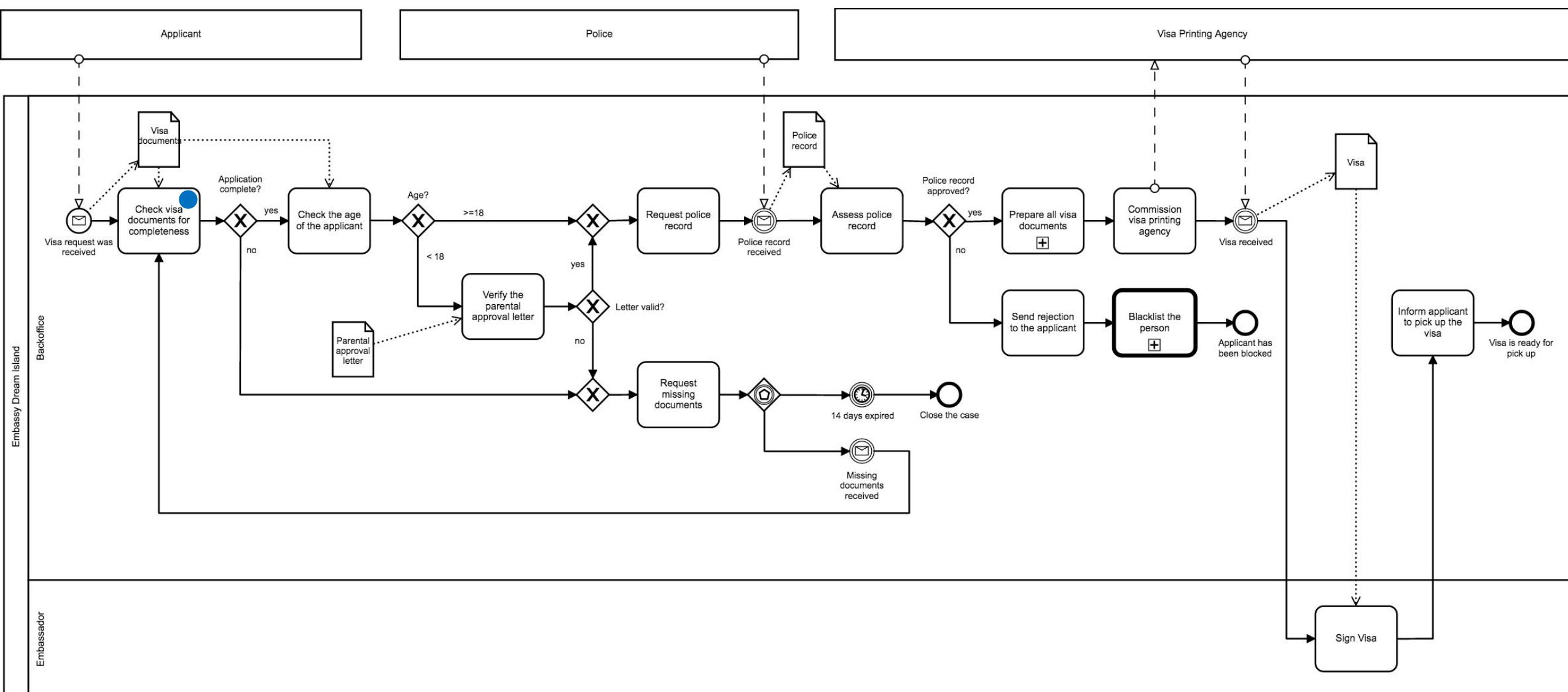
- The embassy of the dream island is very old fashioned
- Every process is paper based

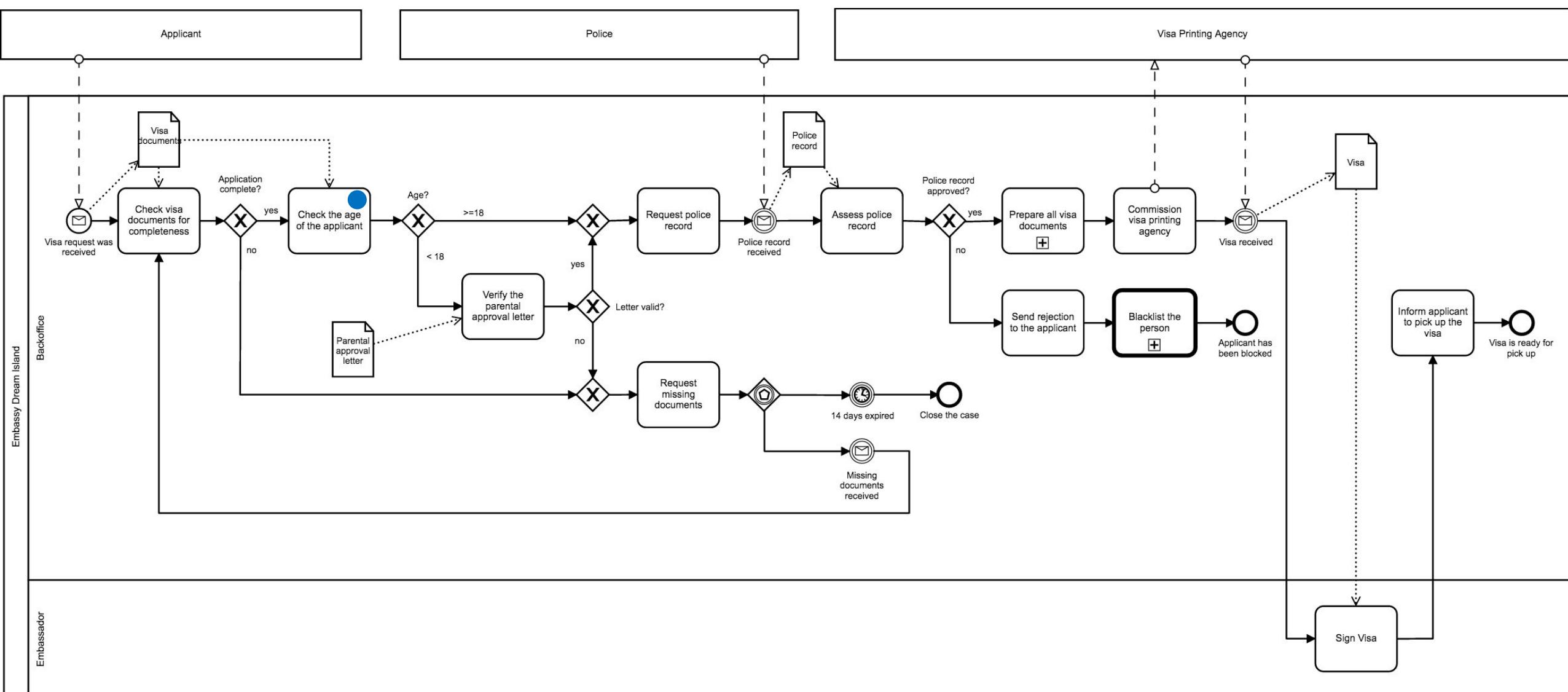
process camp

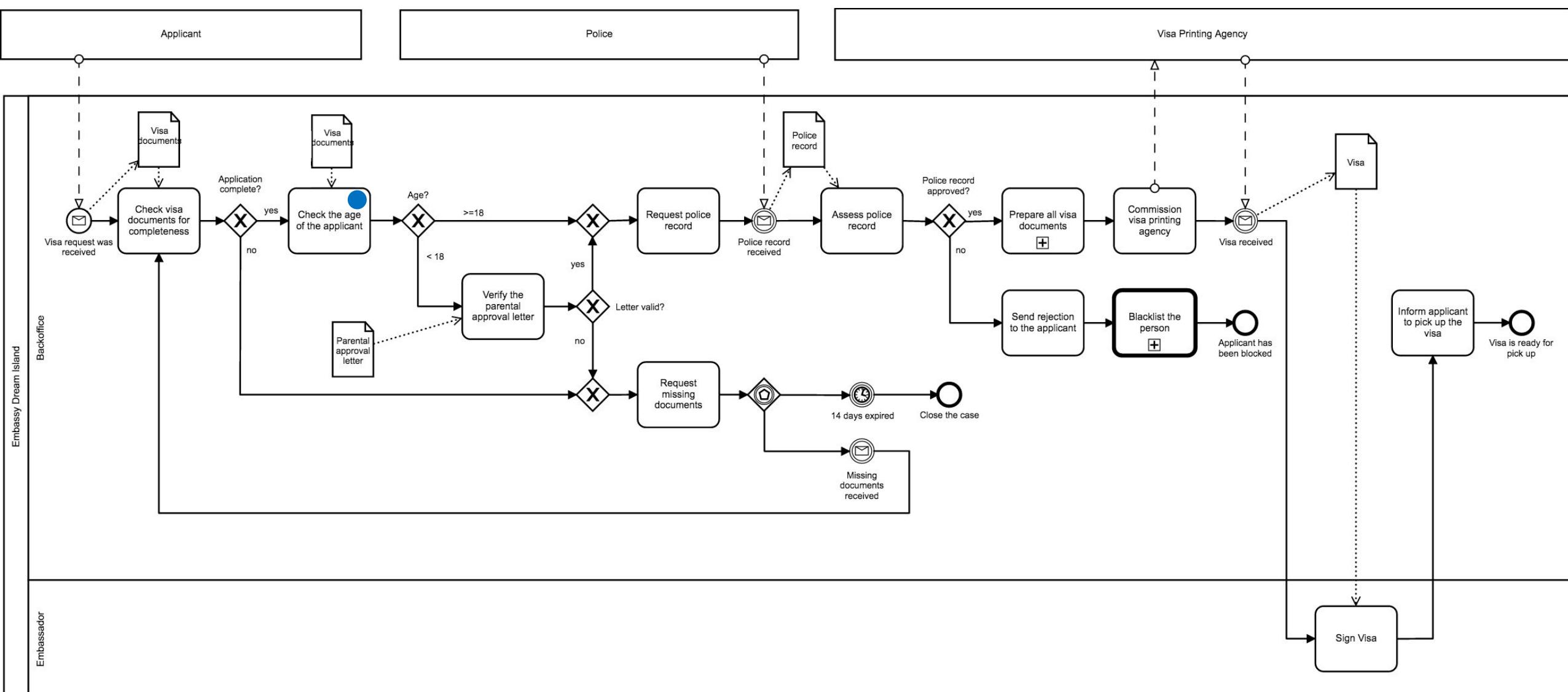


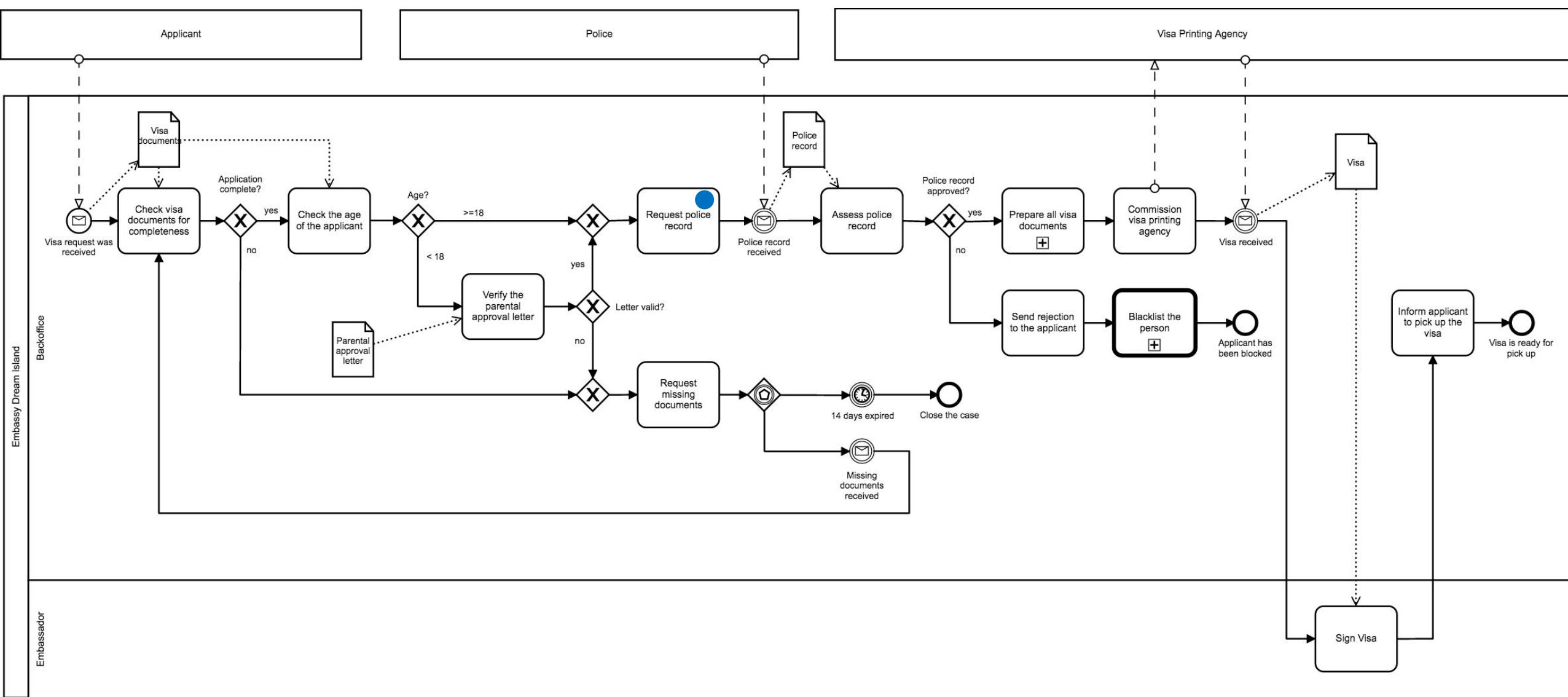
Let's have a look at the success path! 

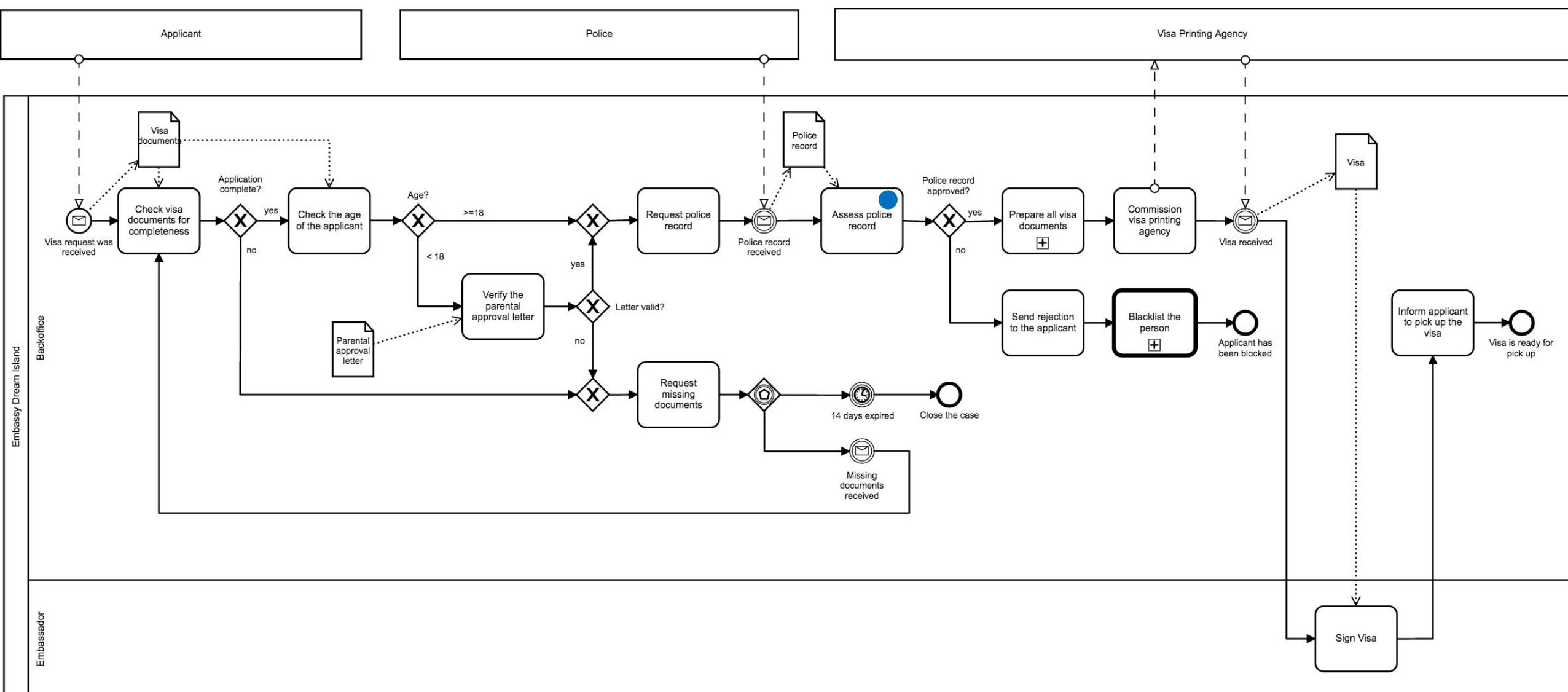


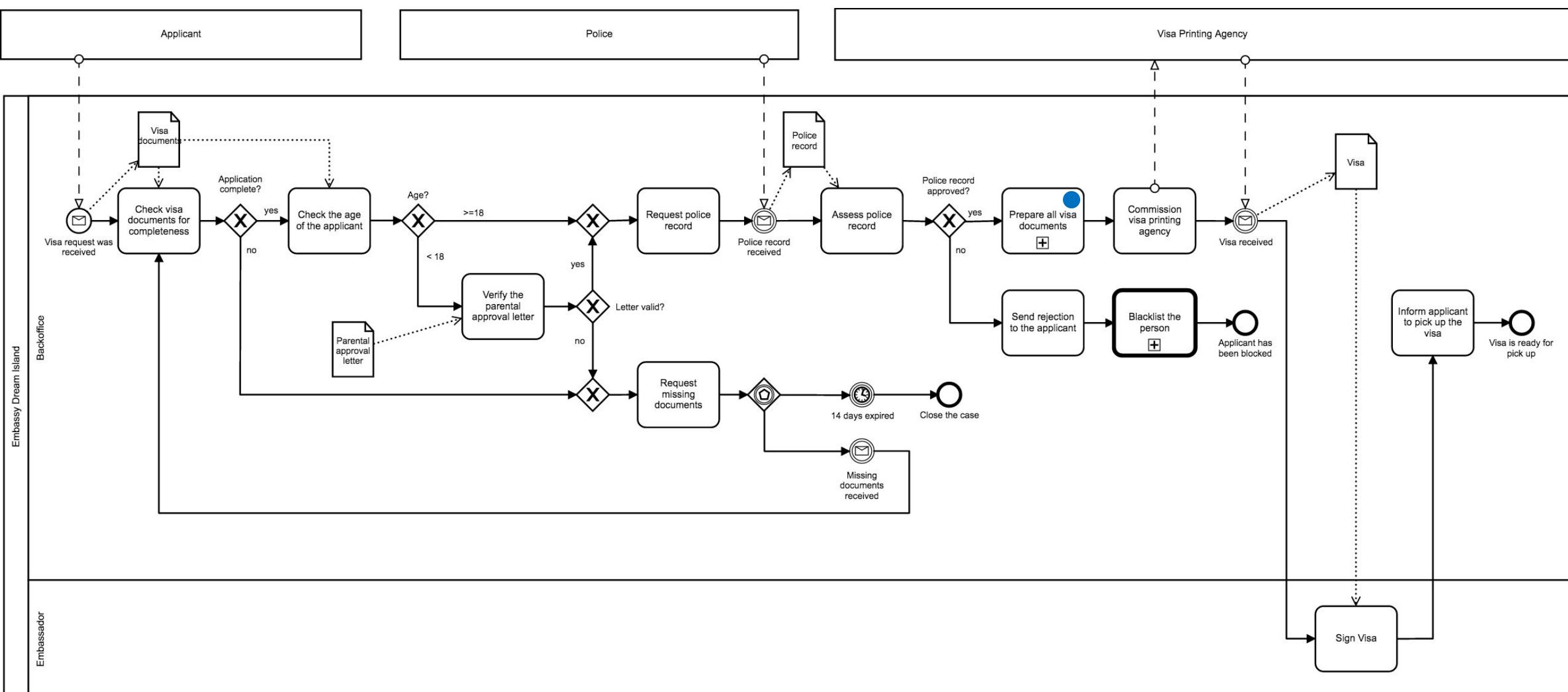


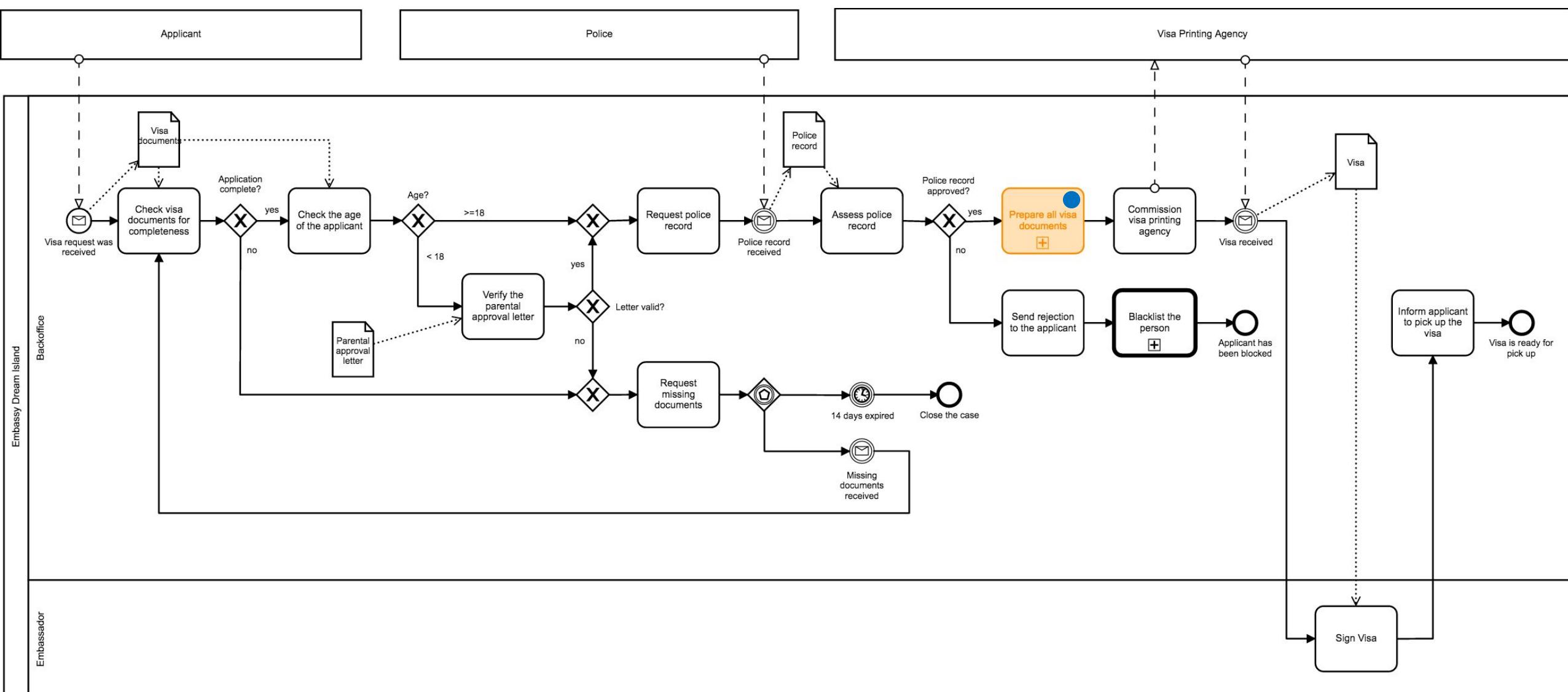


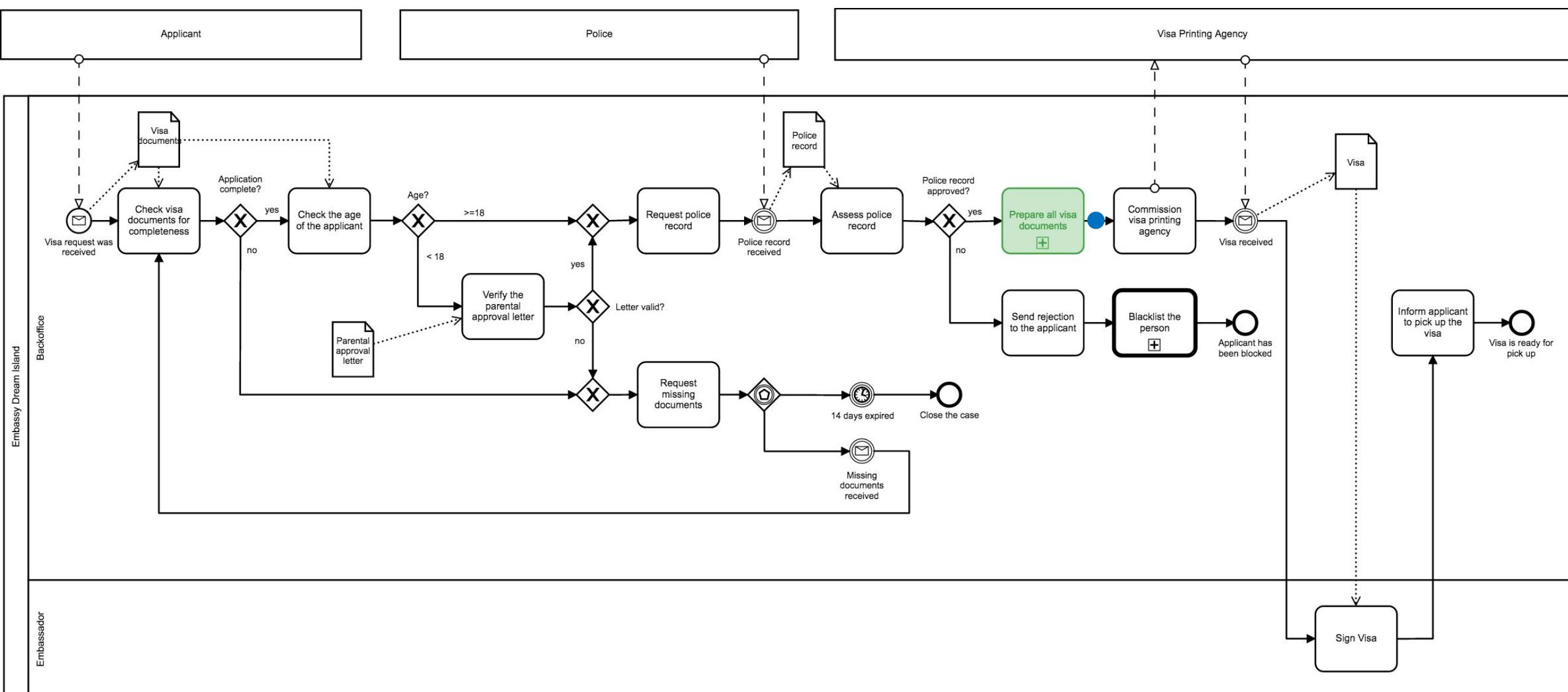


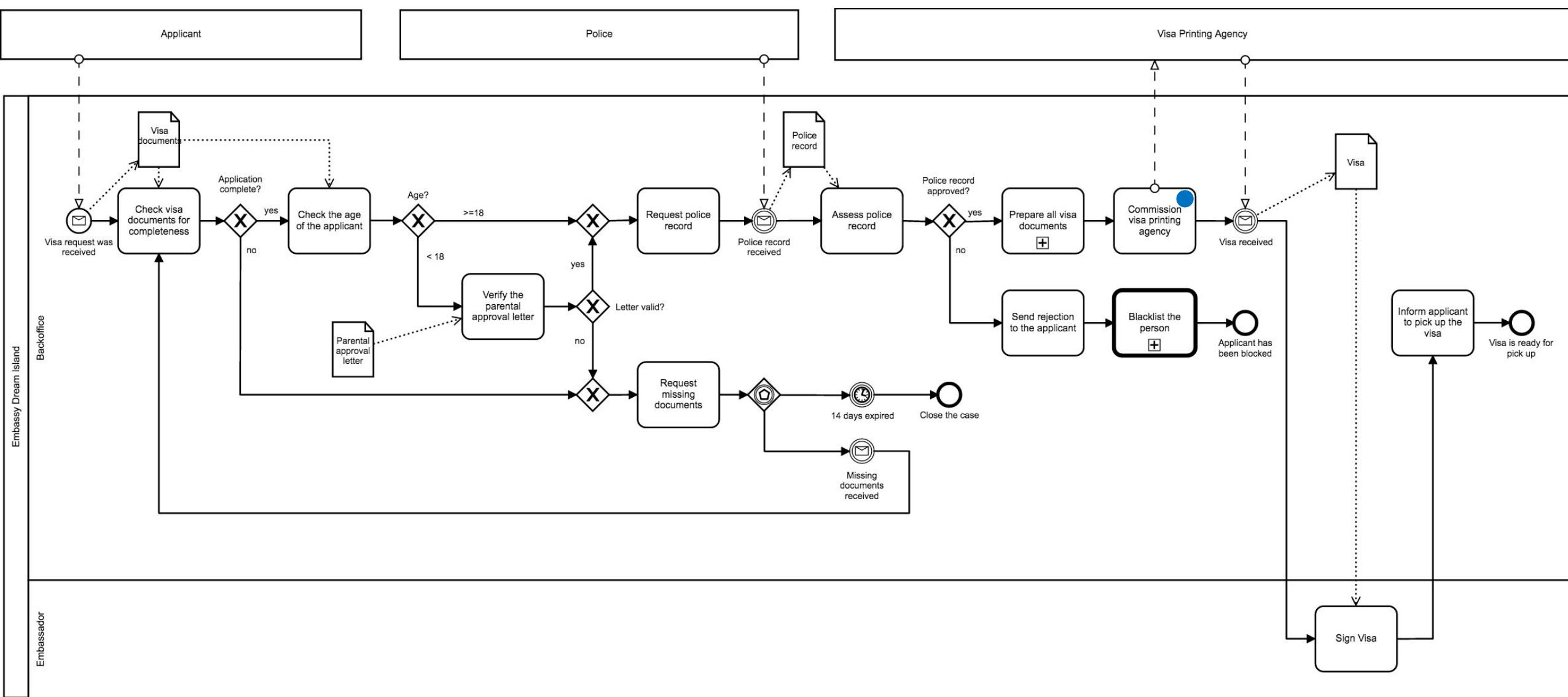


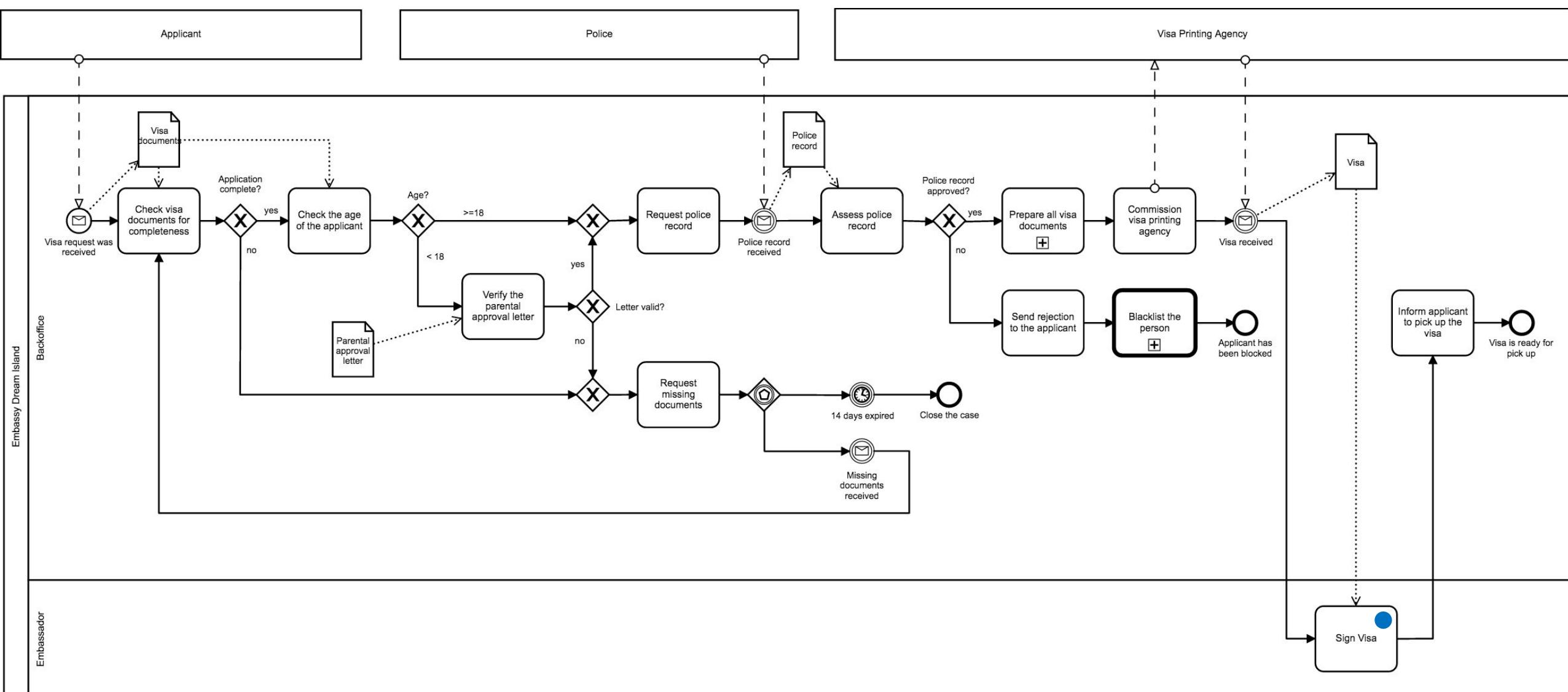


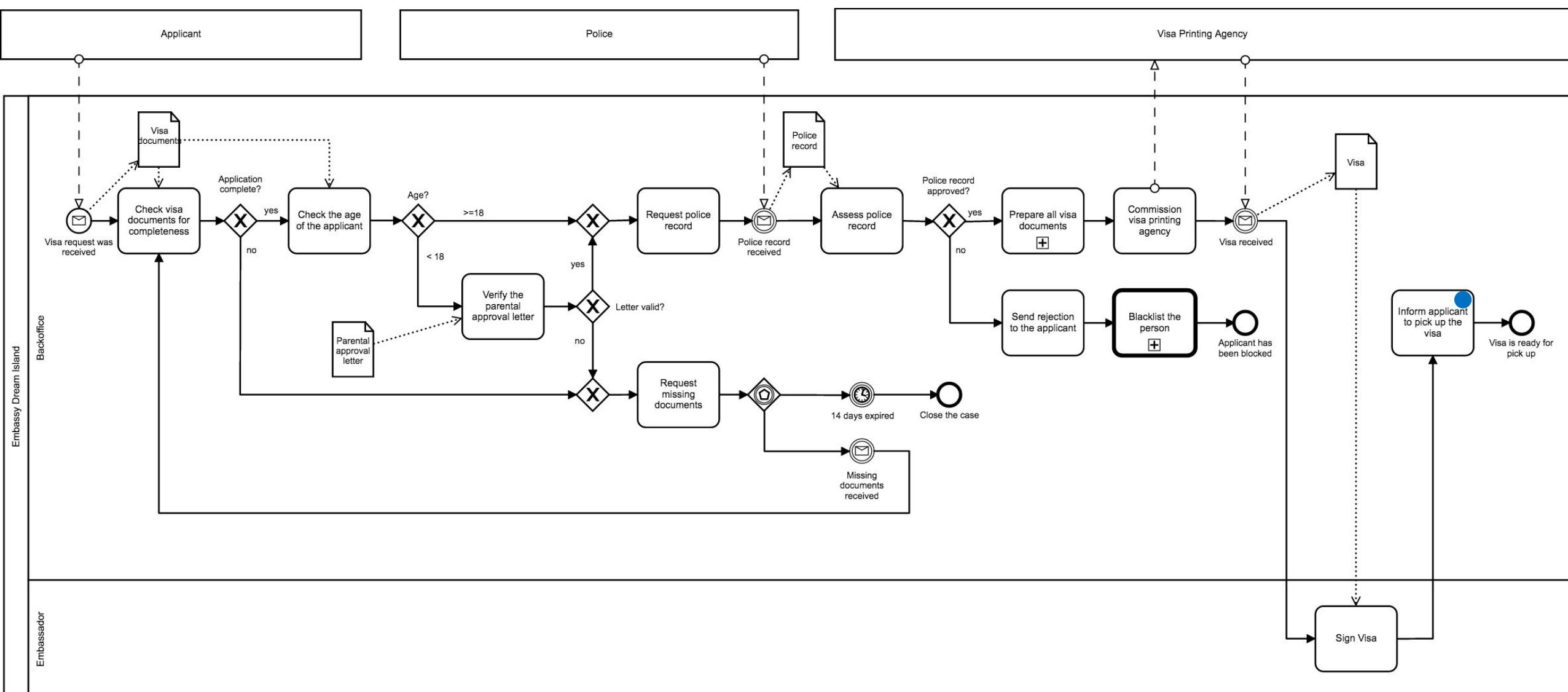


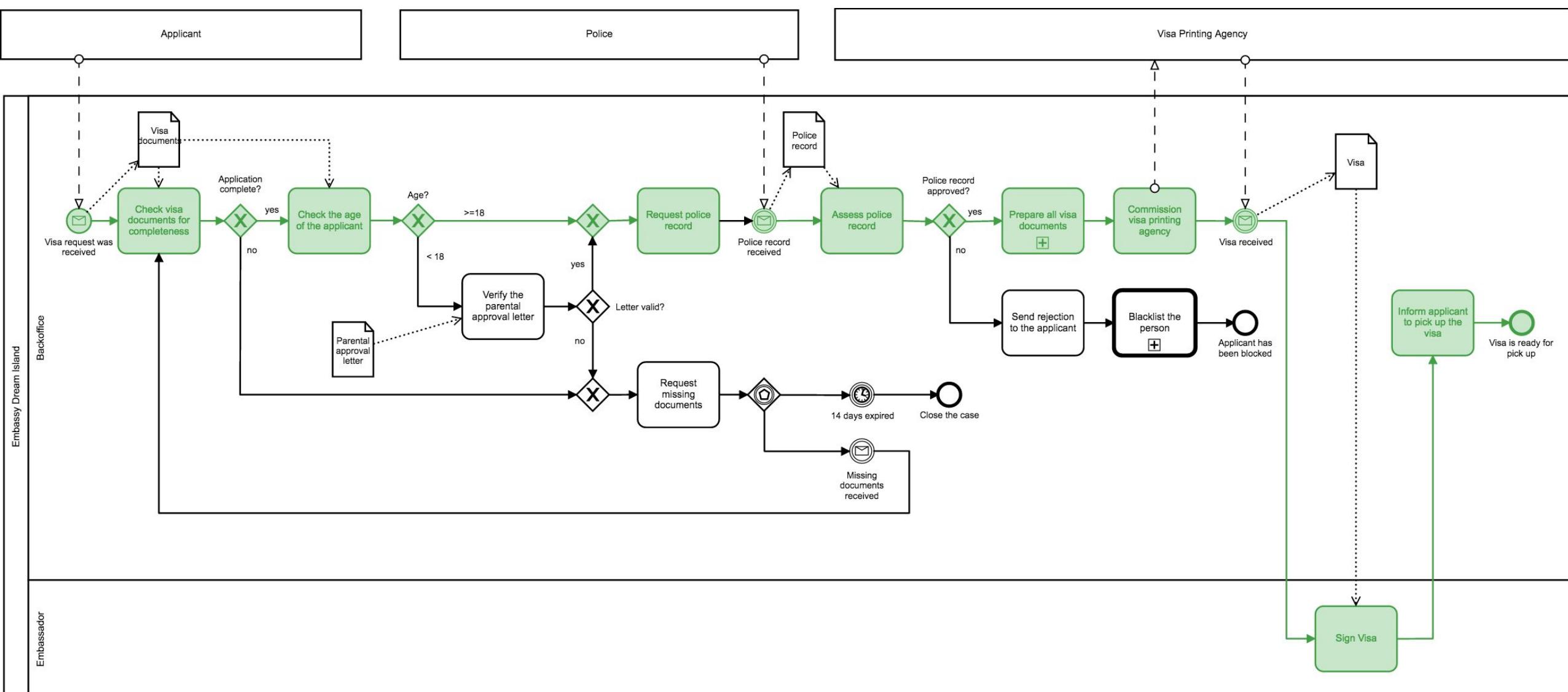








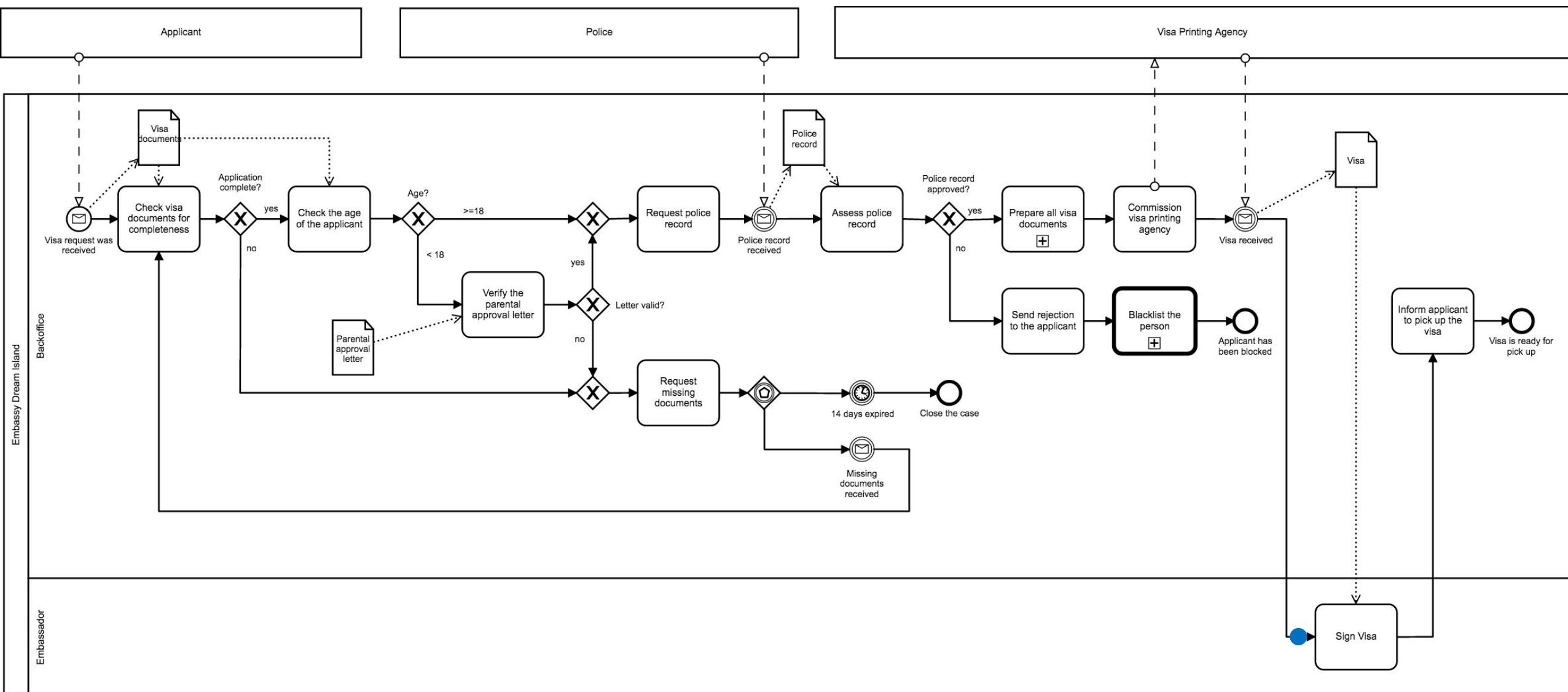




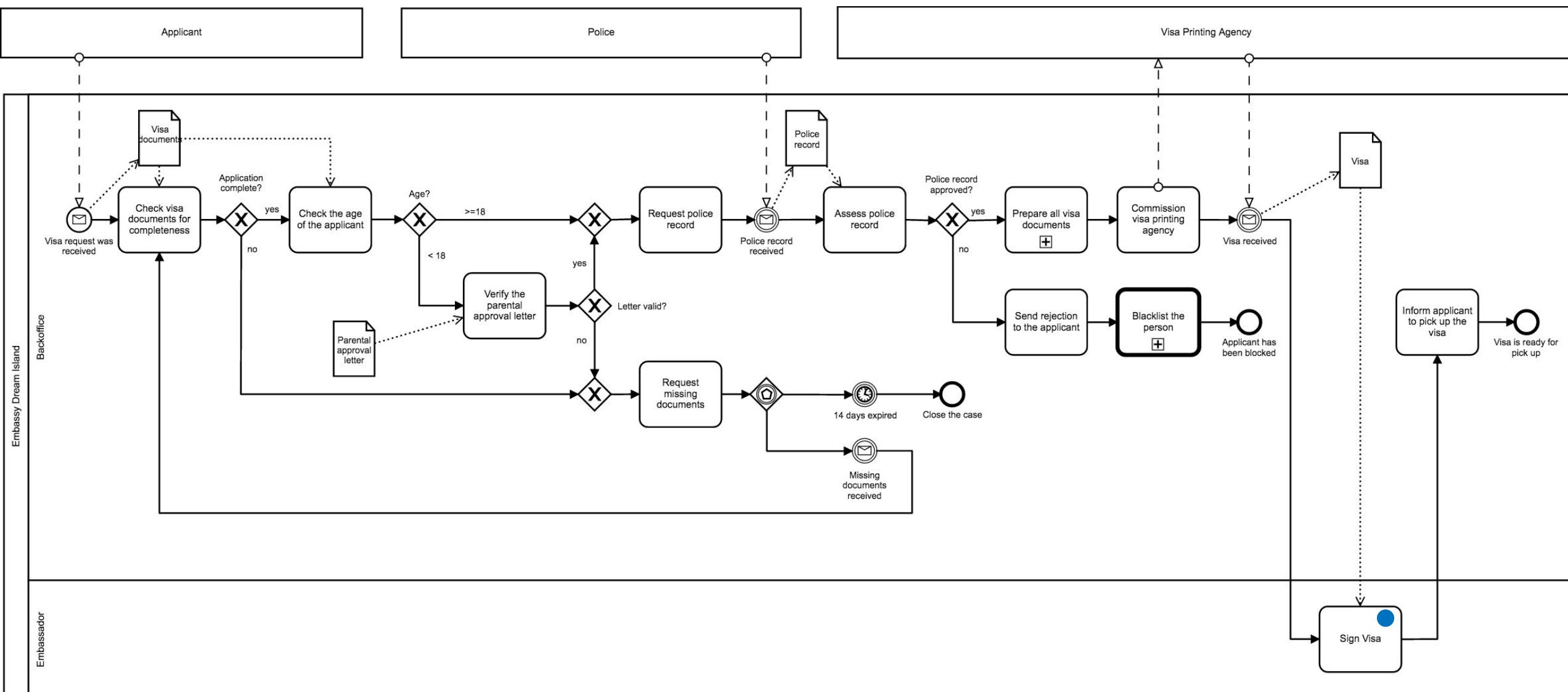
So what happened to your case? It can only  
got stuck at the very last task. 

The ambassador hasn't returned yet from  
his surfing holidays!

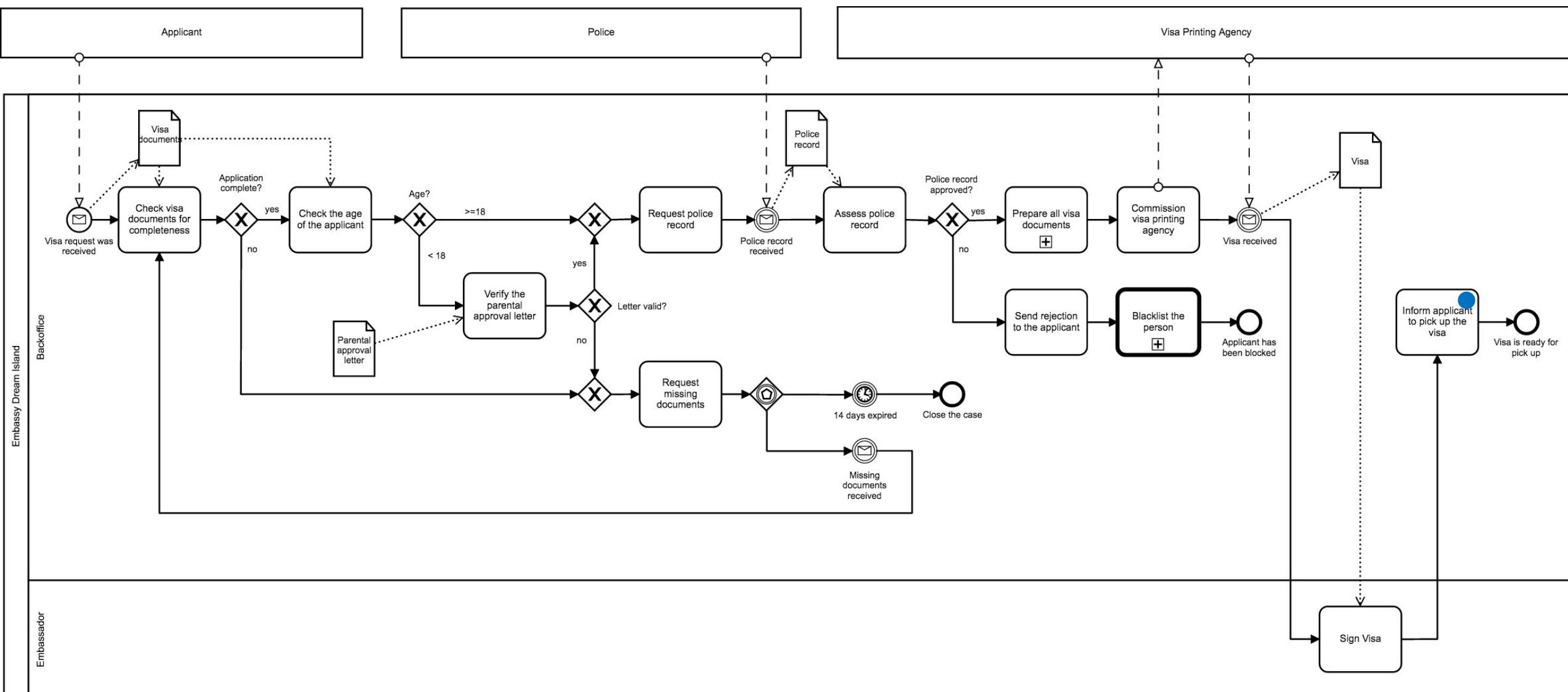




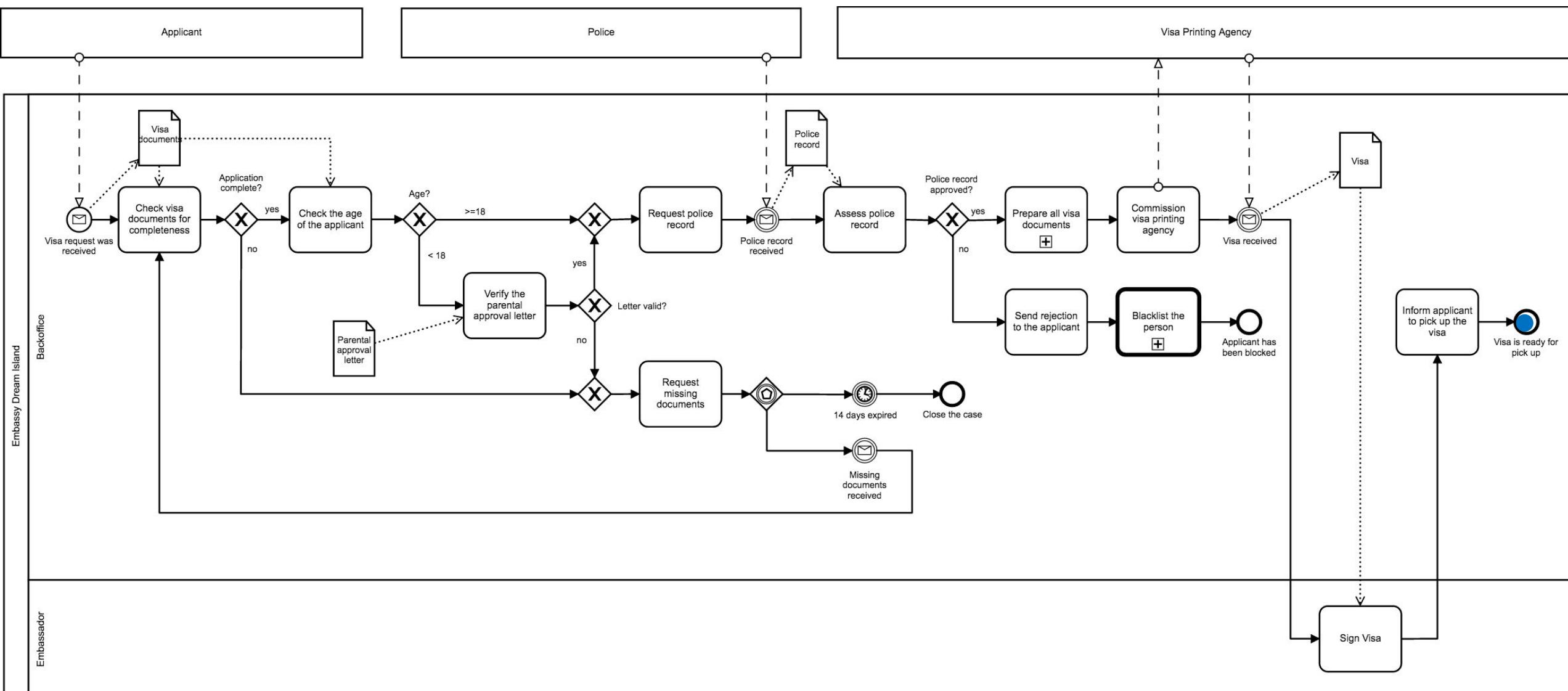
# The process is stuck here



# Finally, the ambassador returned



# Finally, the ambassador returned



You finally got your visa and started your journey to the island!  

But, as you forgot about time and space,  
you **overstayed your visa!**



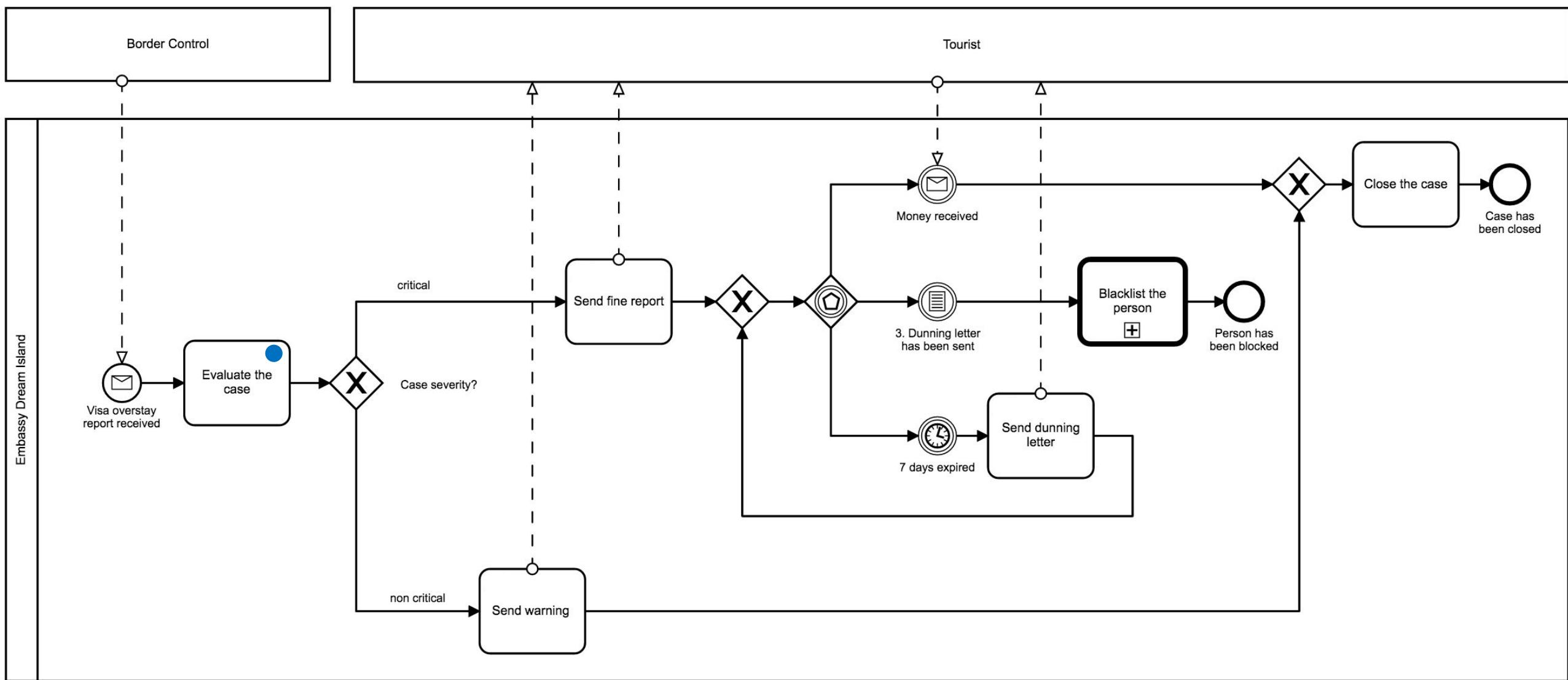
The border control allows you to go home,  
but it might have consequences for you.

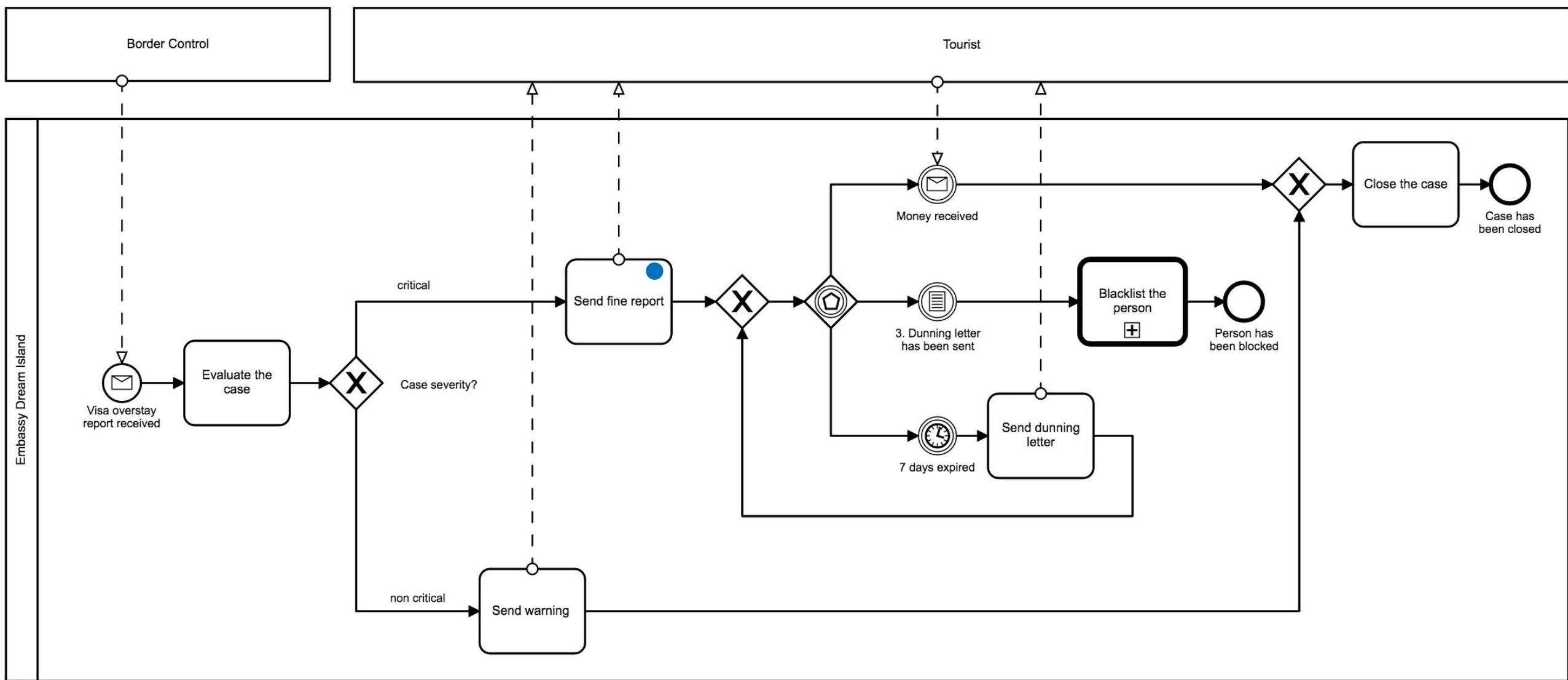


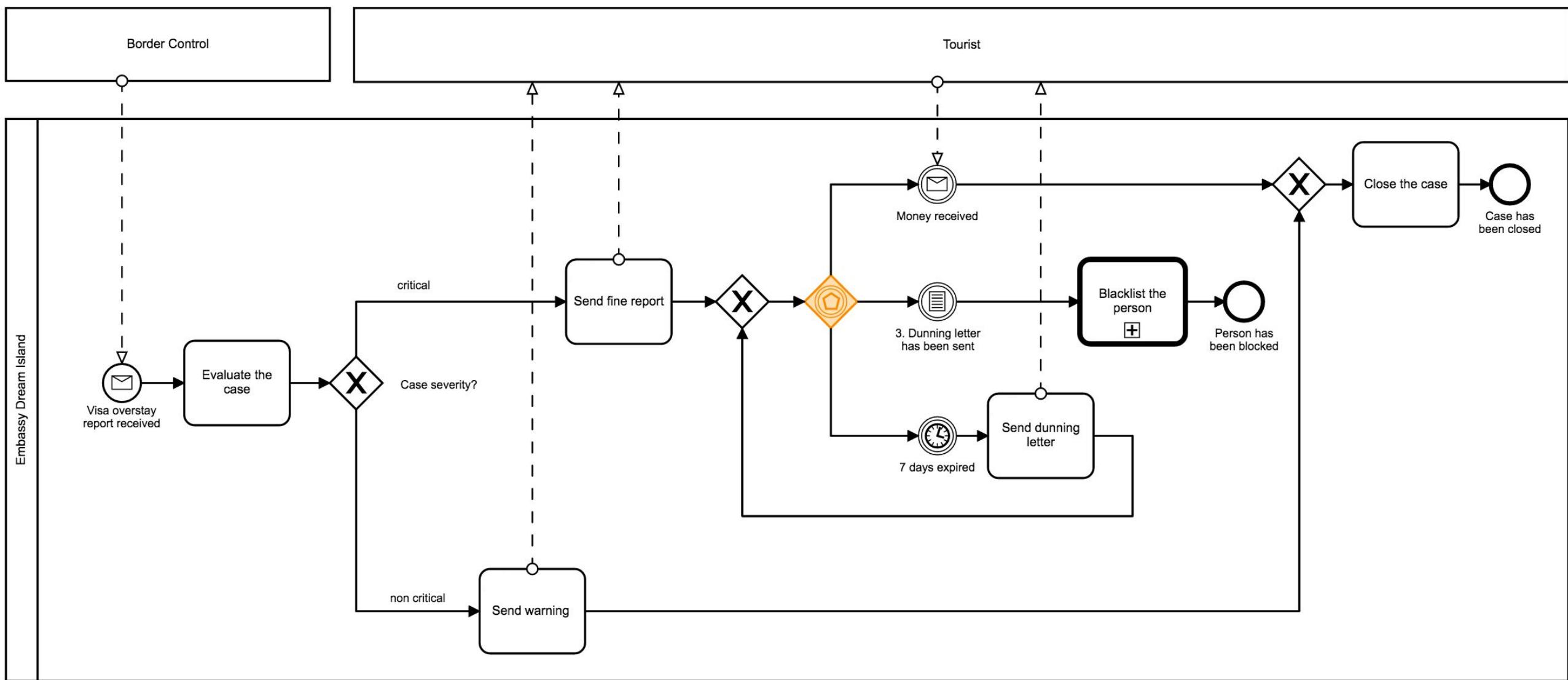
Because, the border control has triggered the following process.

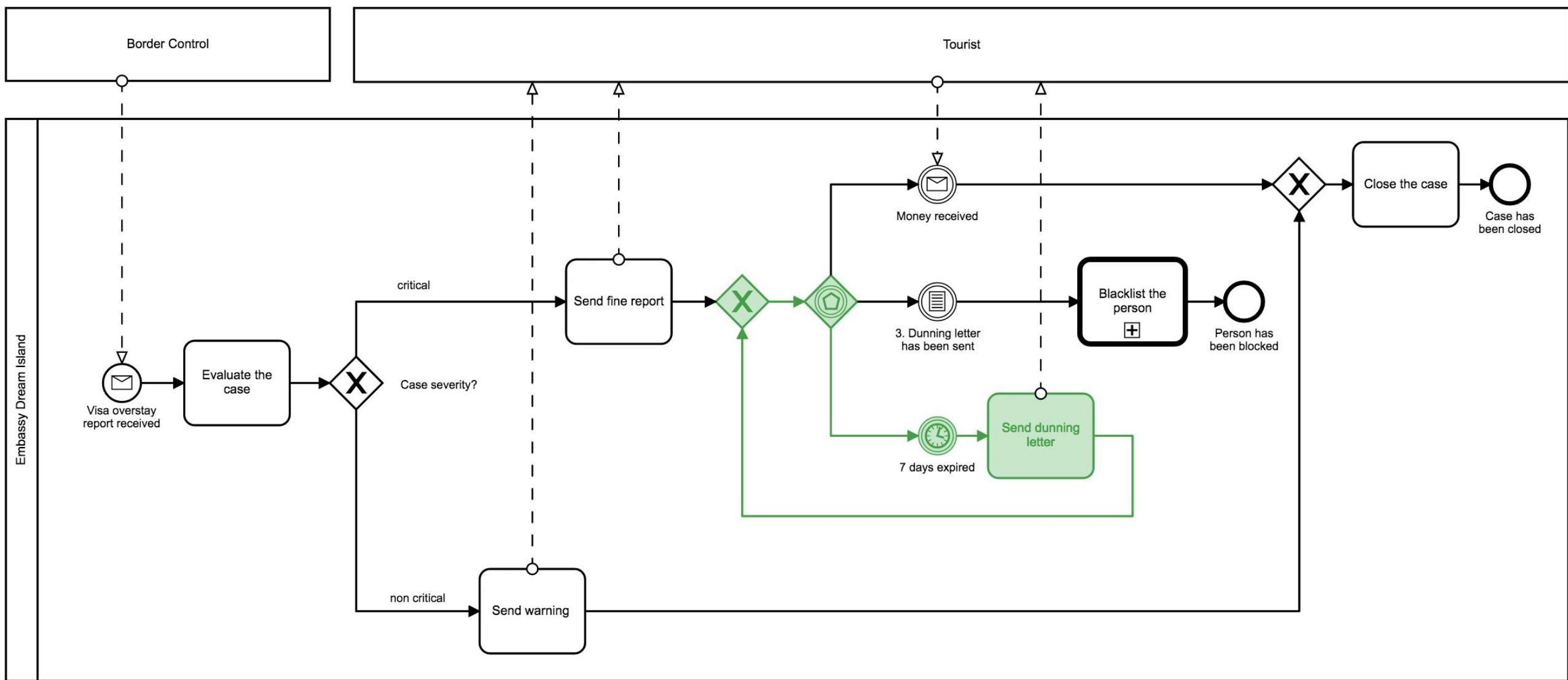


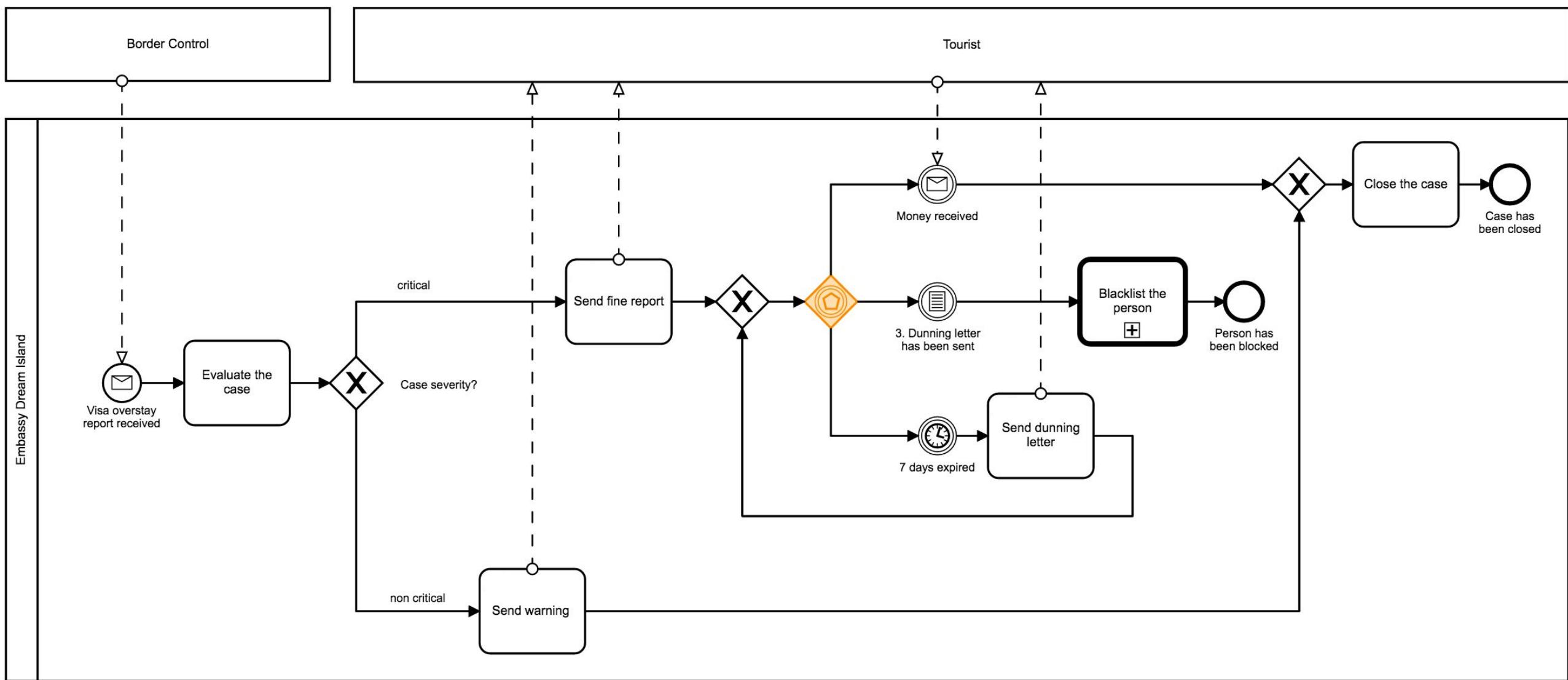
process camp

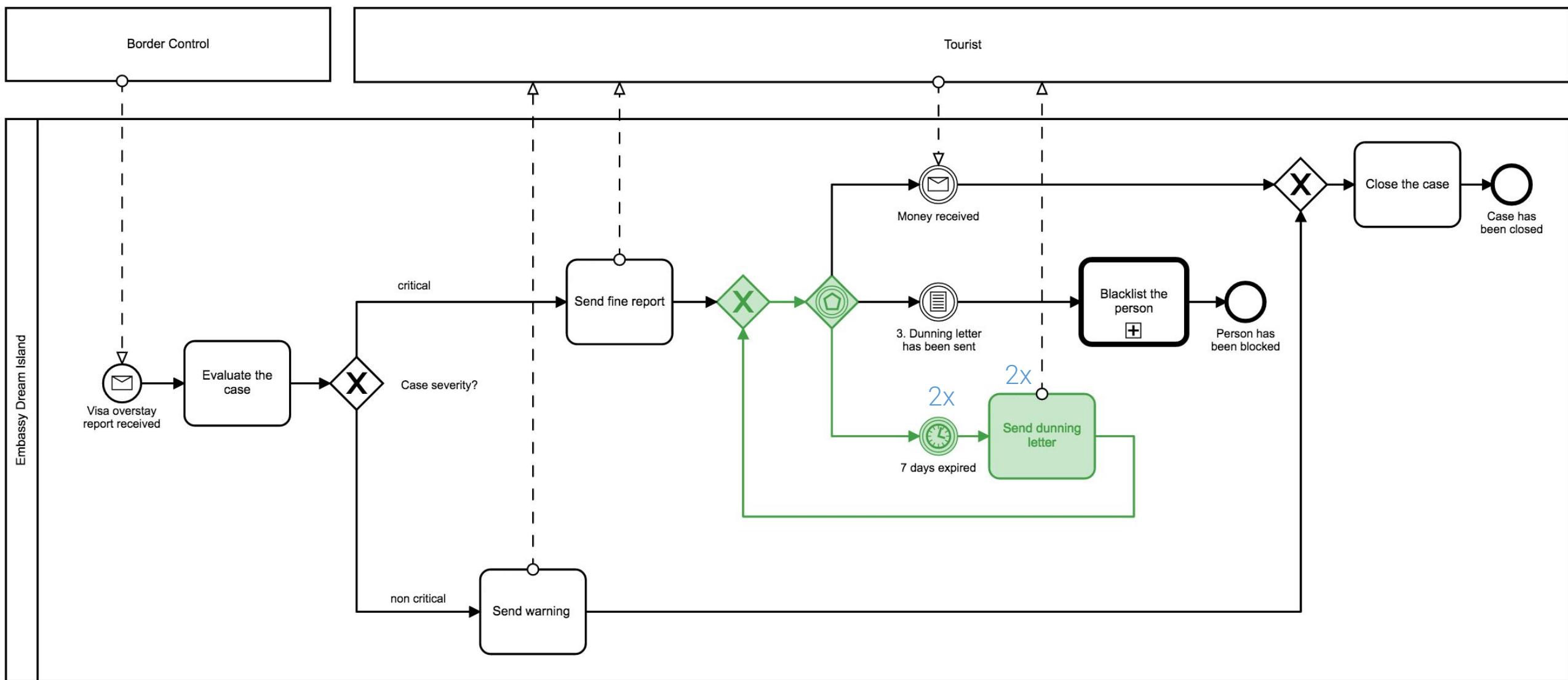


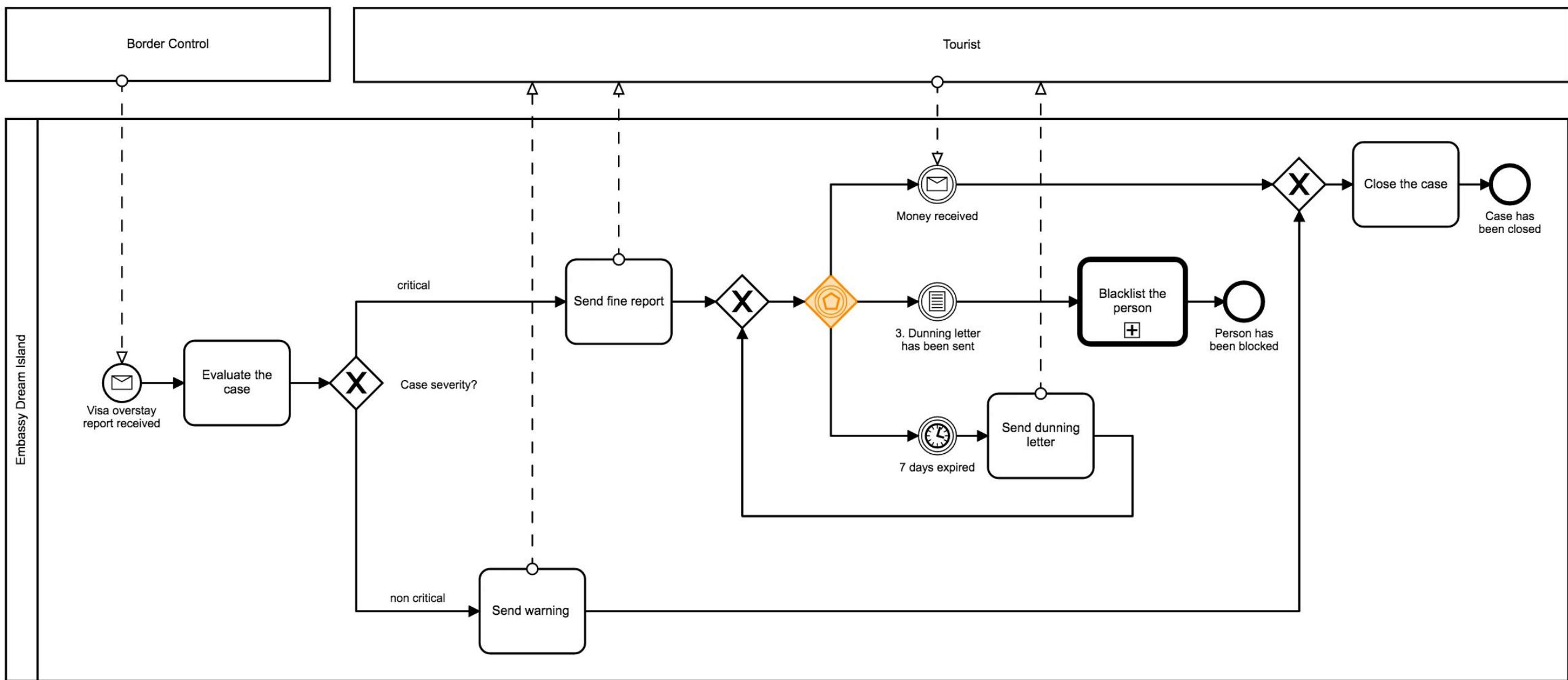


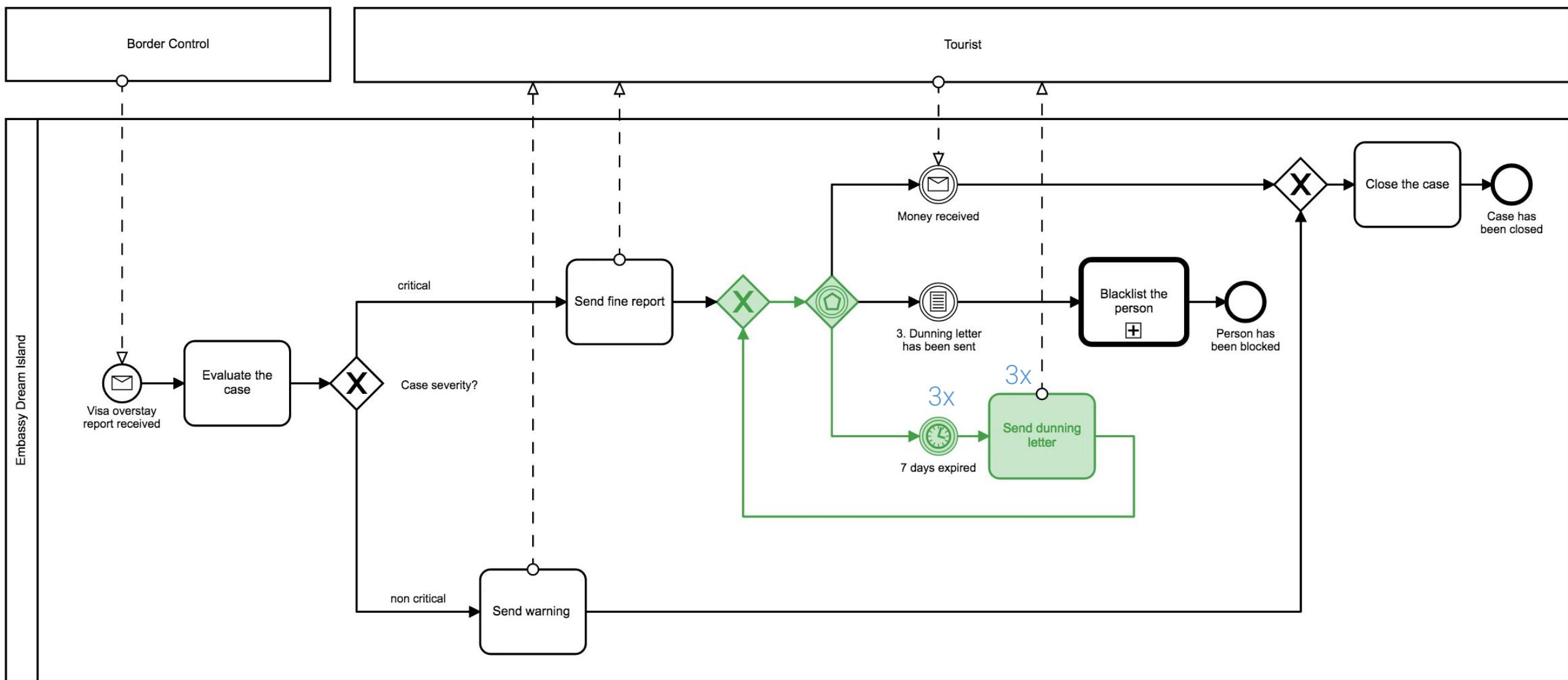


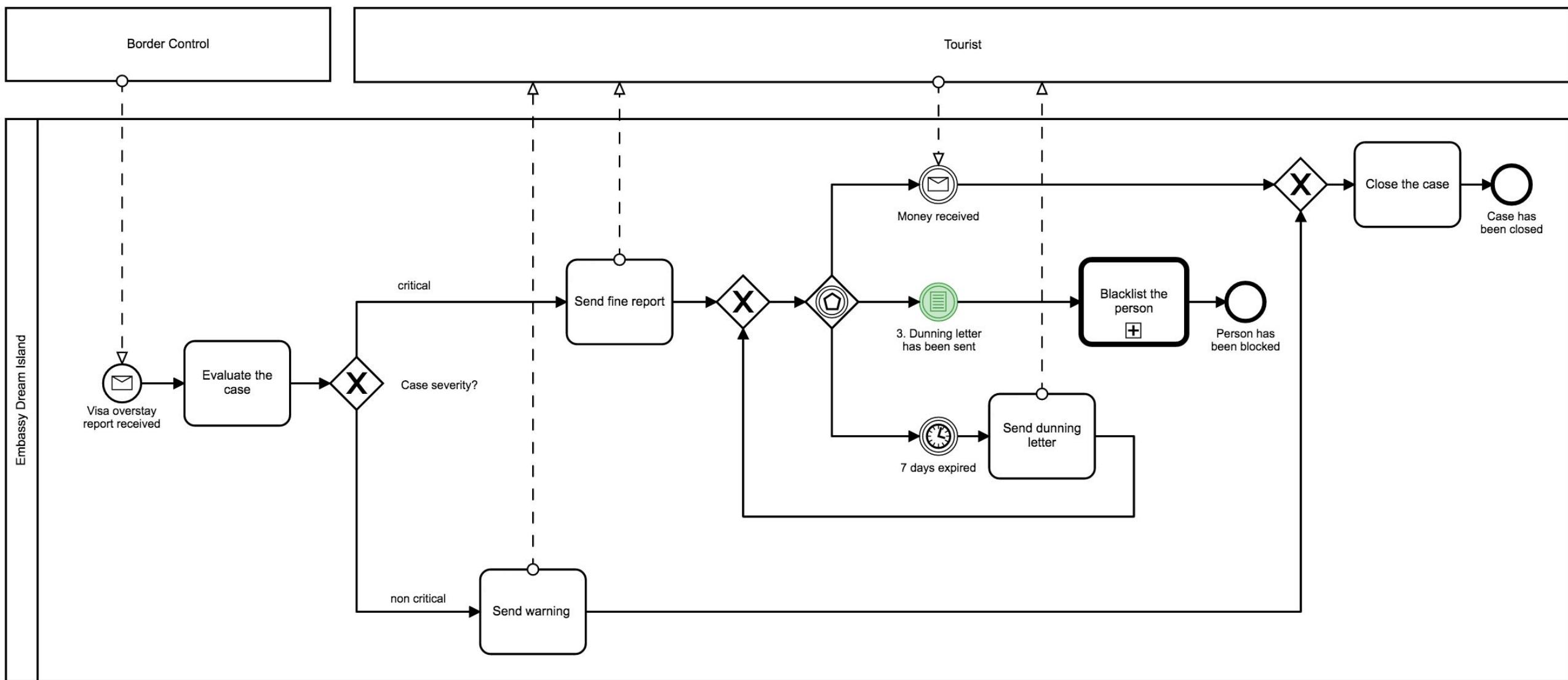


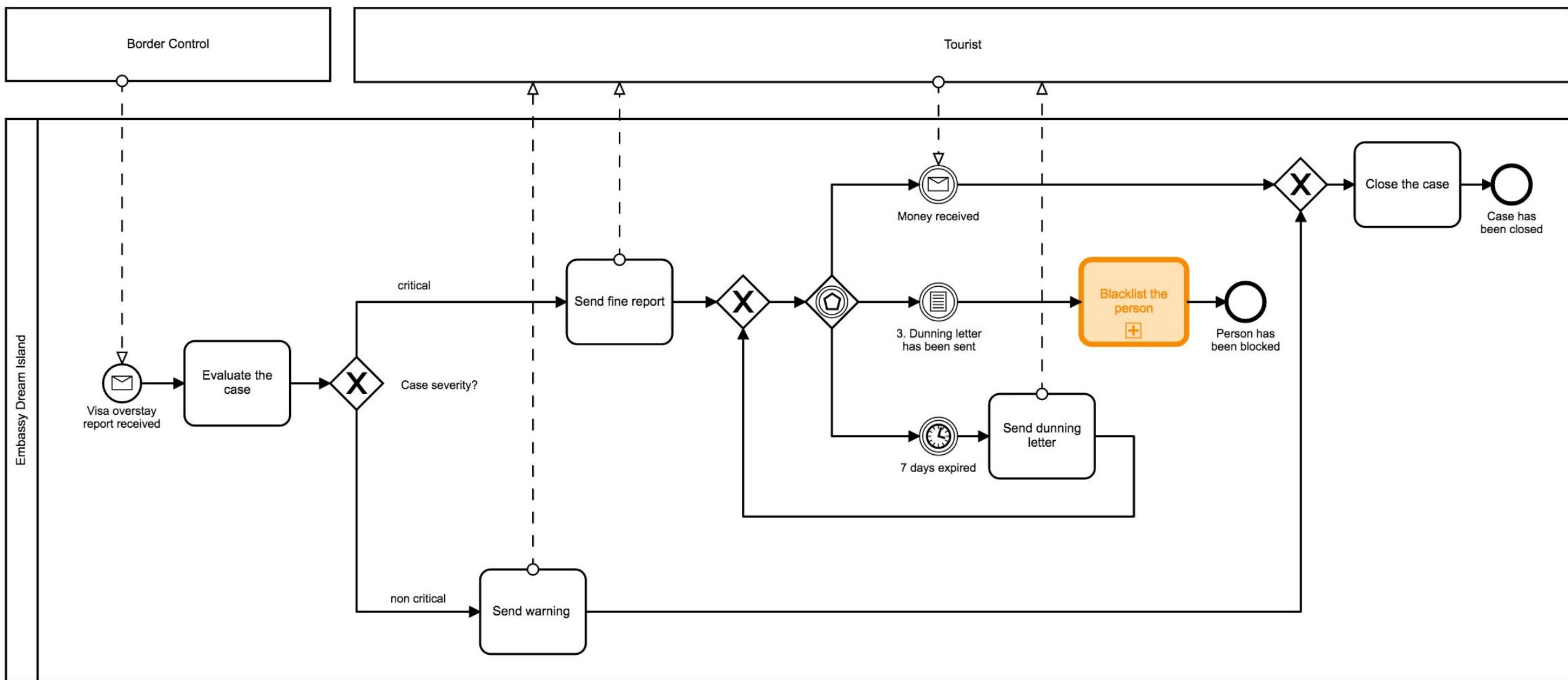


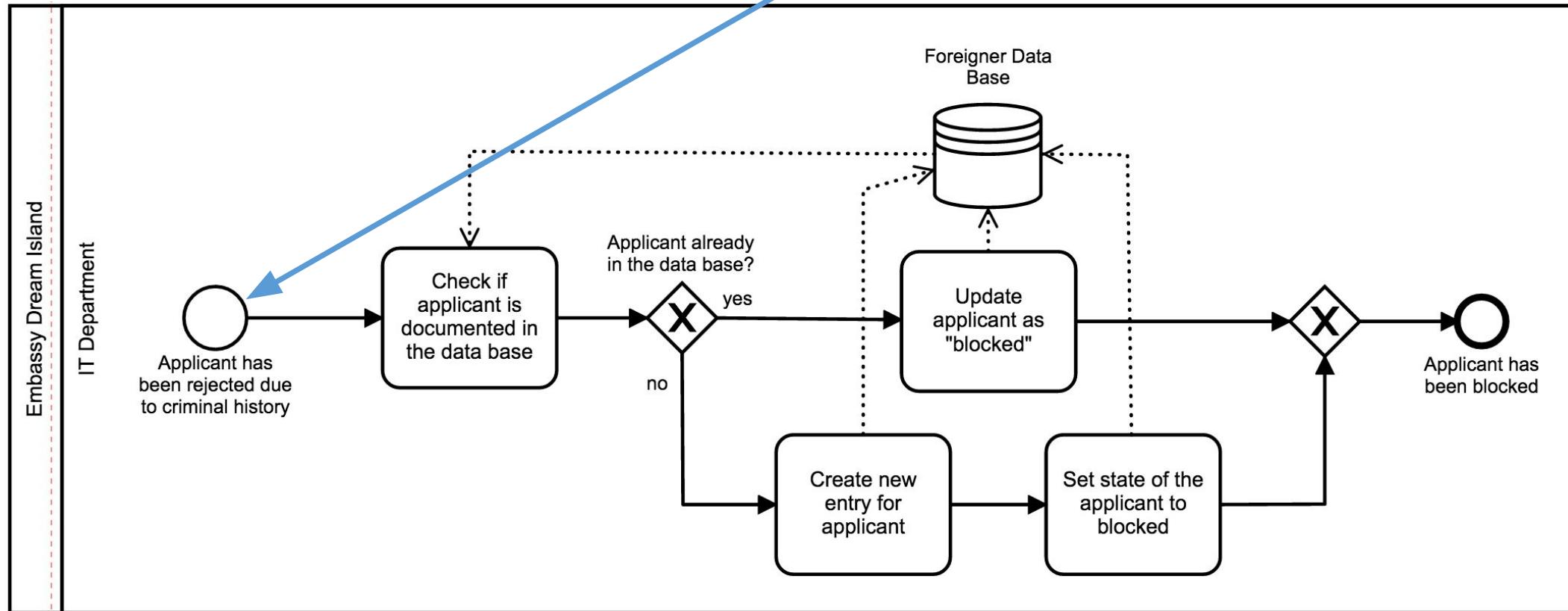
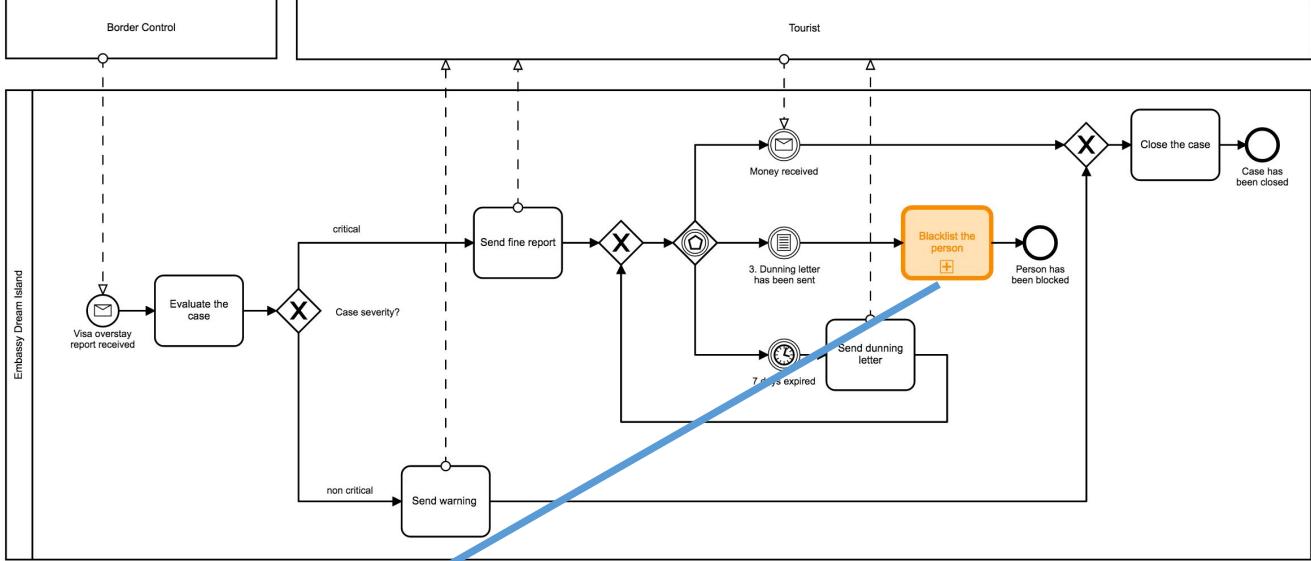


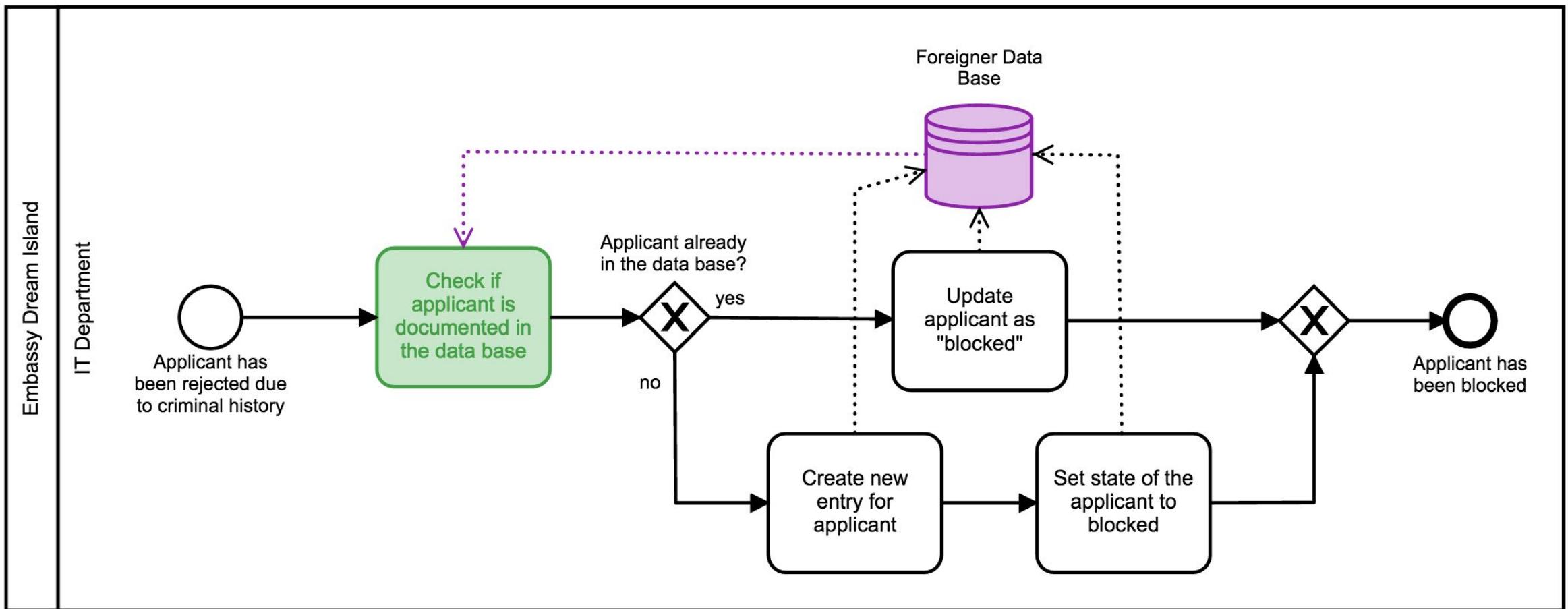


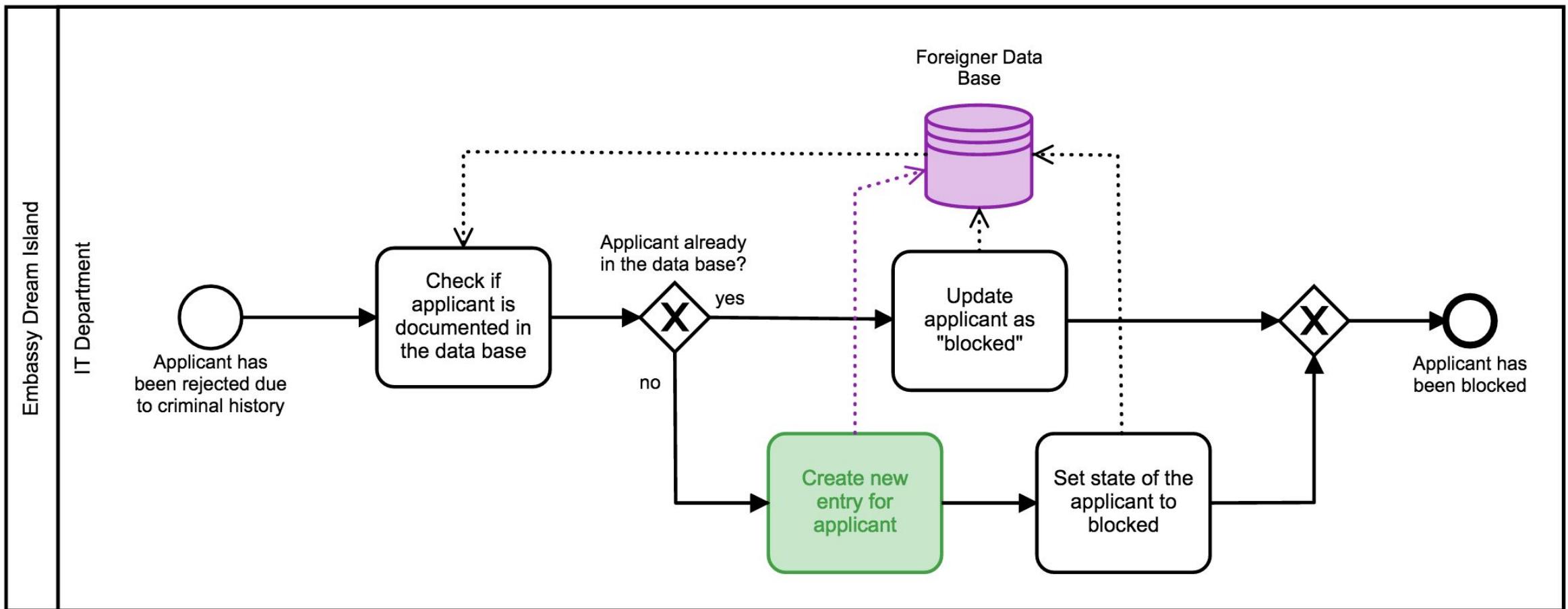


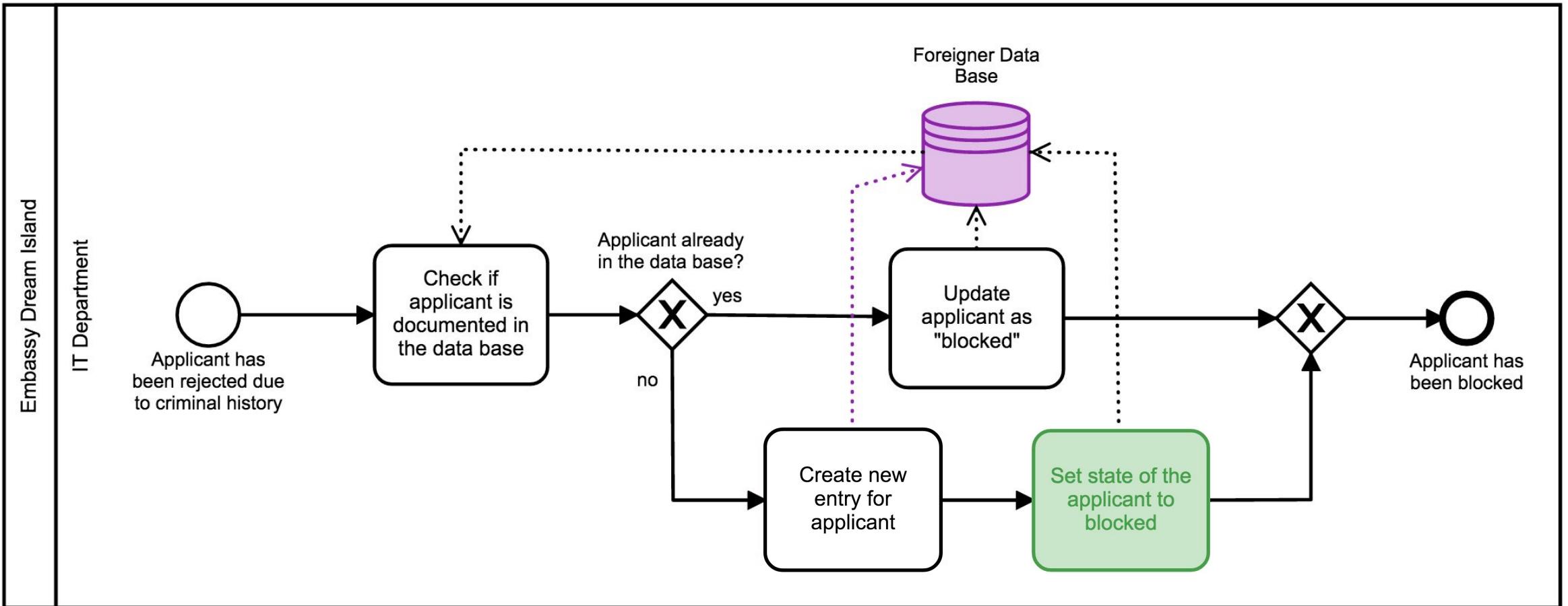


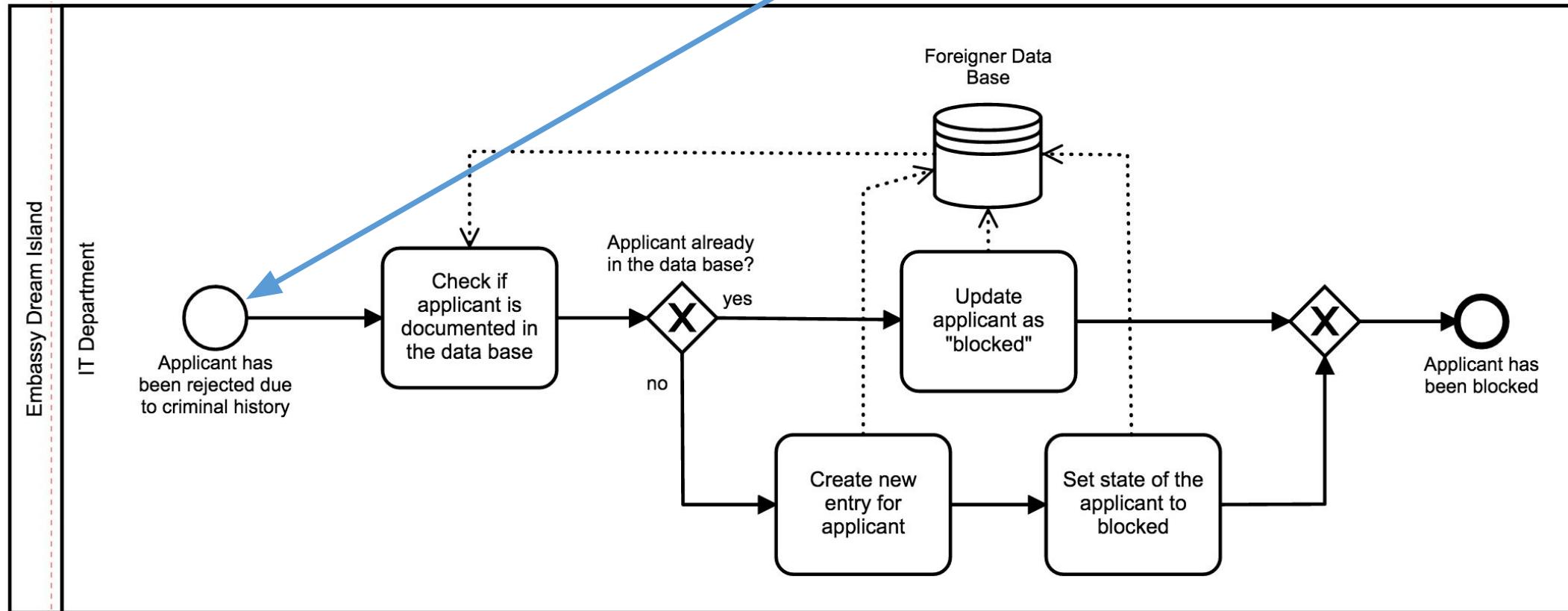
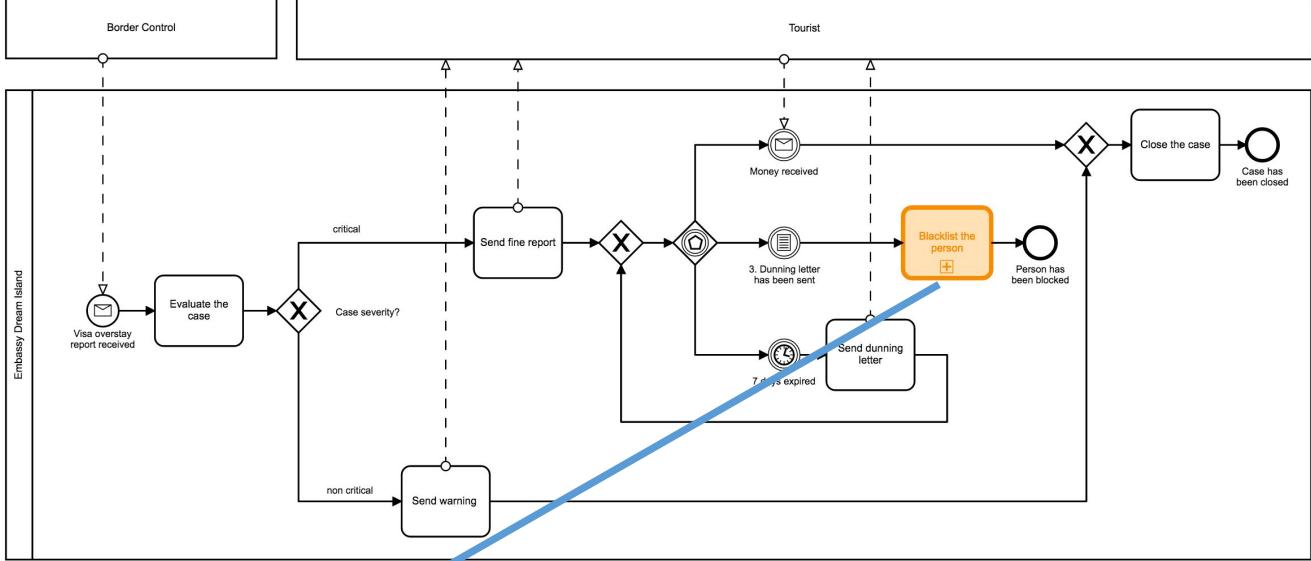










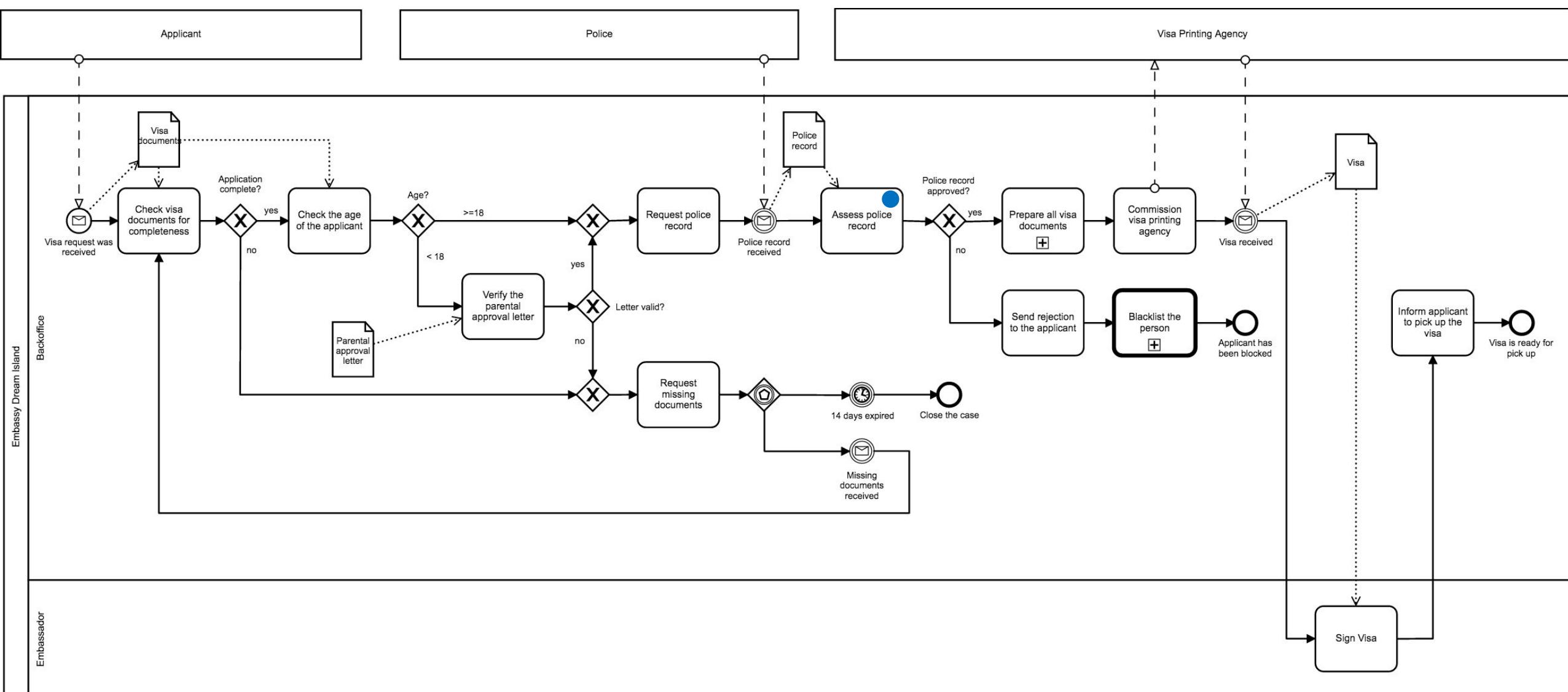


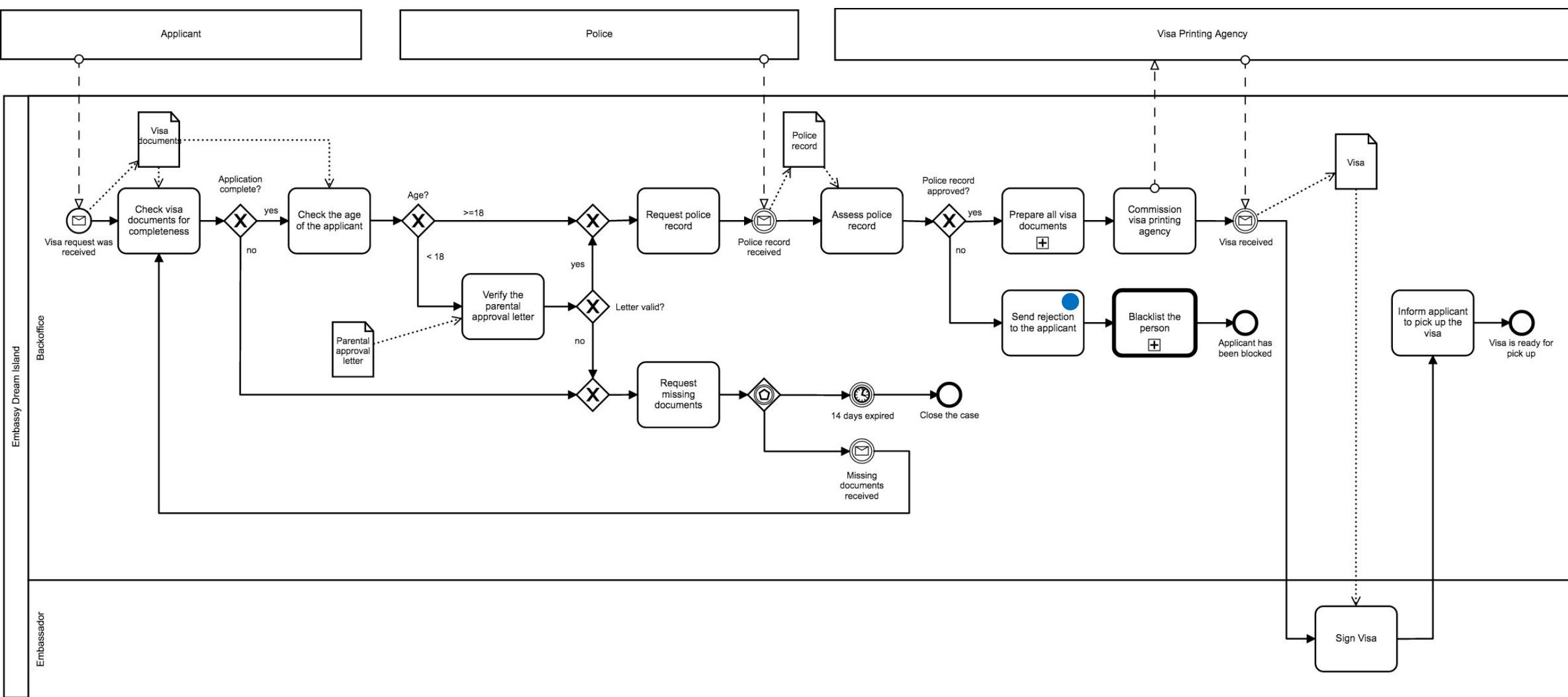
A bank robber wants to escape to the dream island.

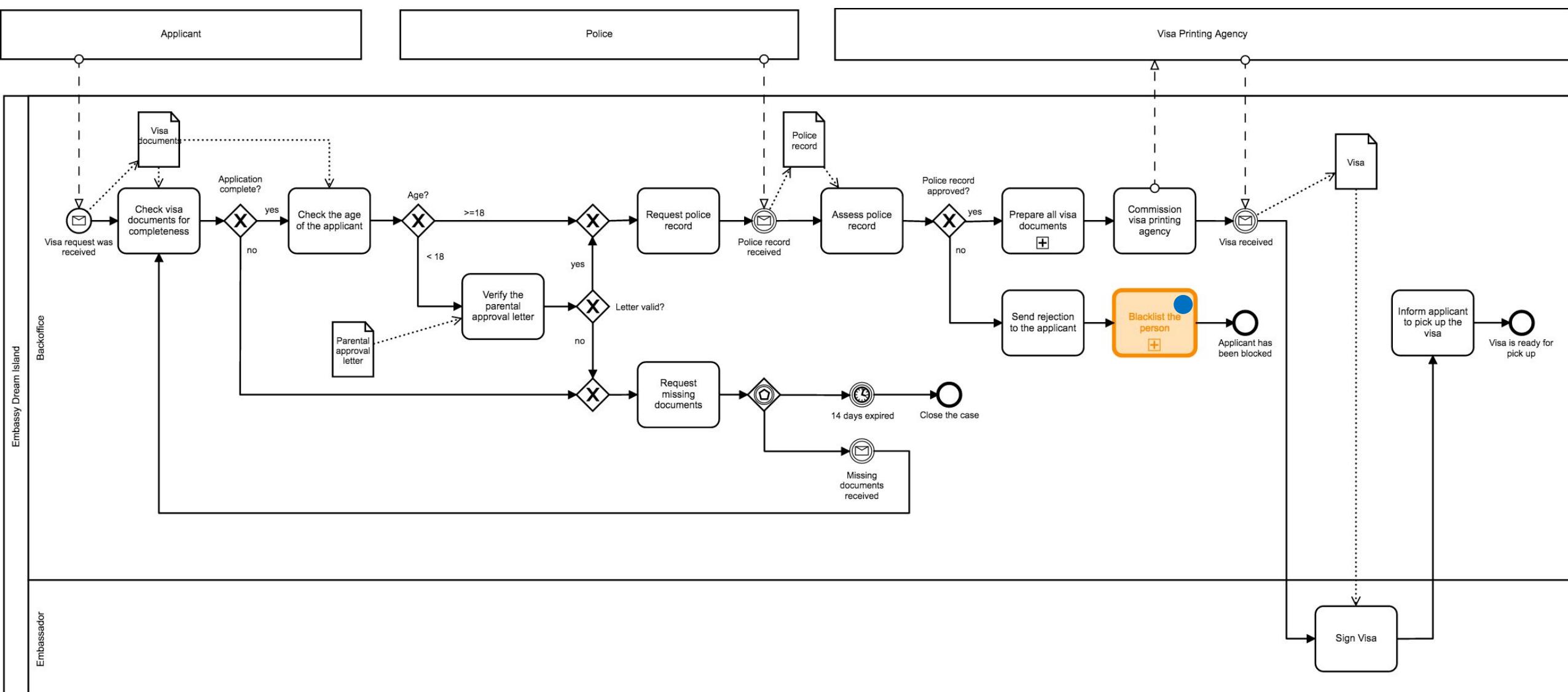


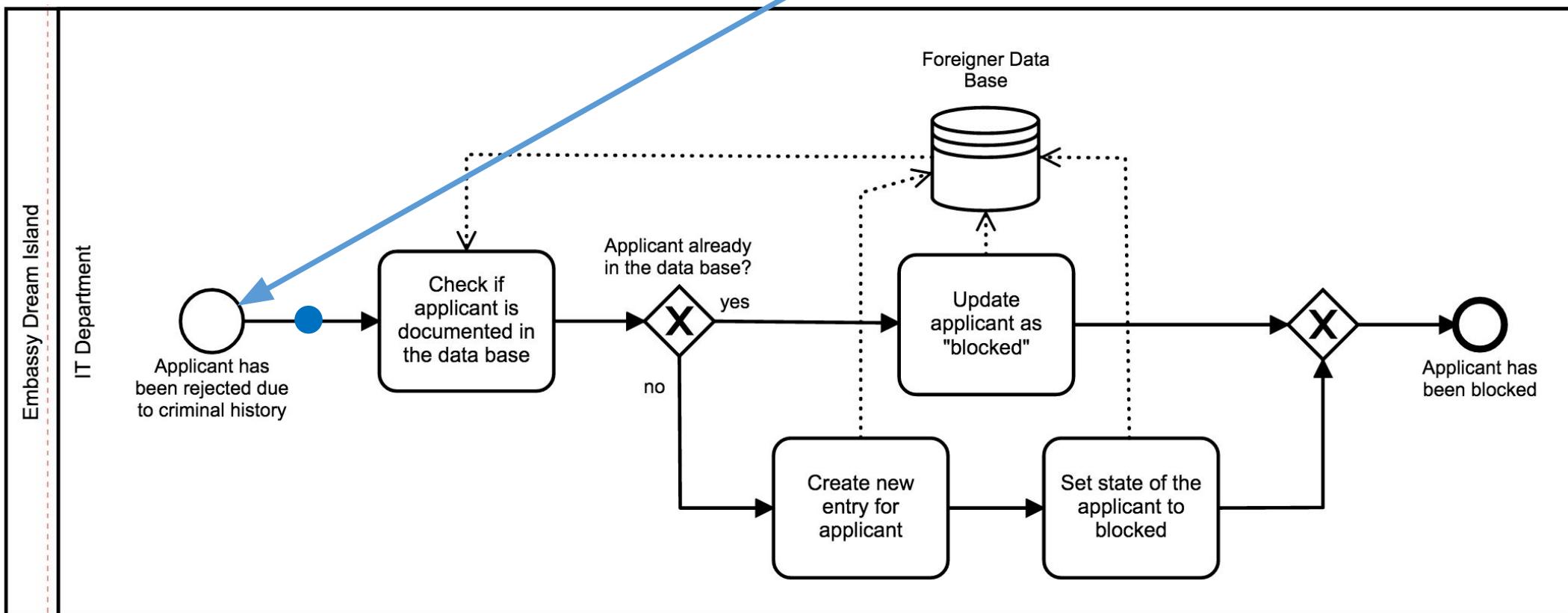
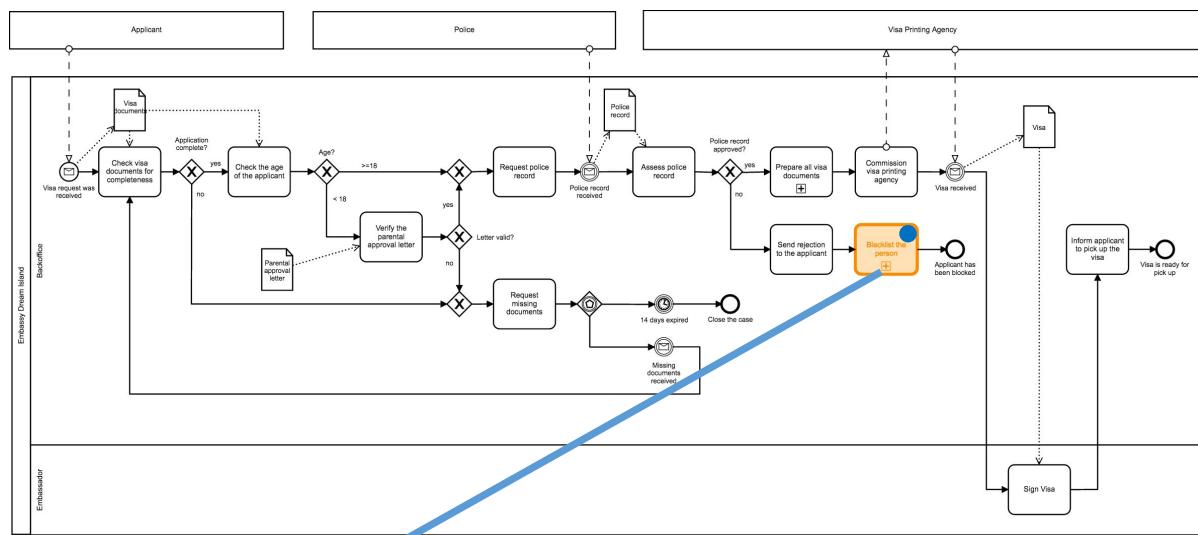
His police record does not look good!











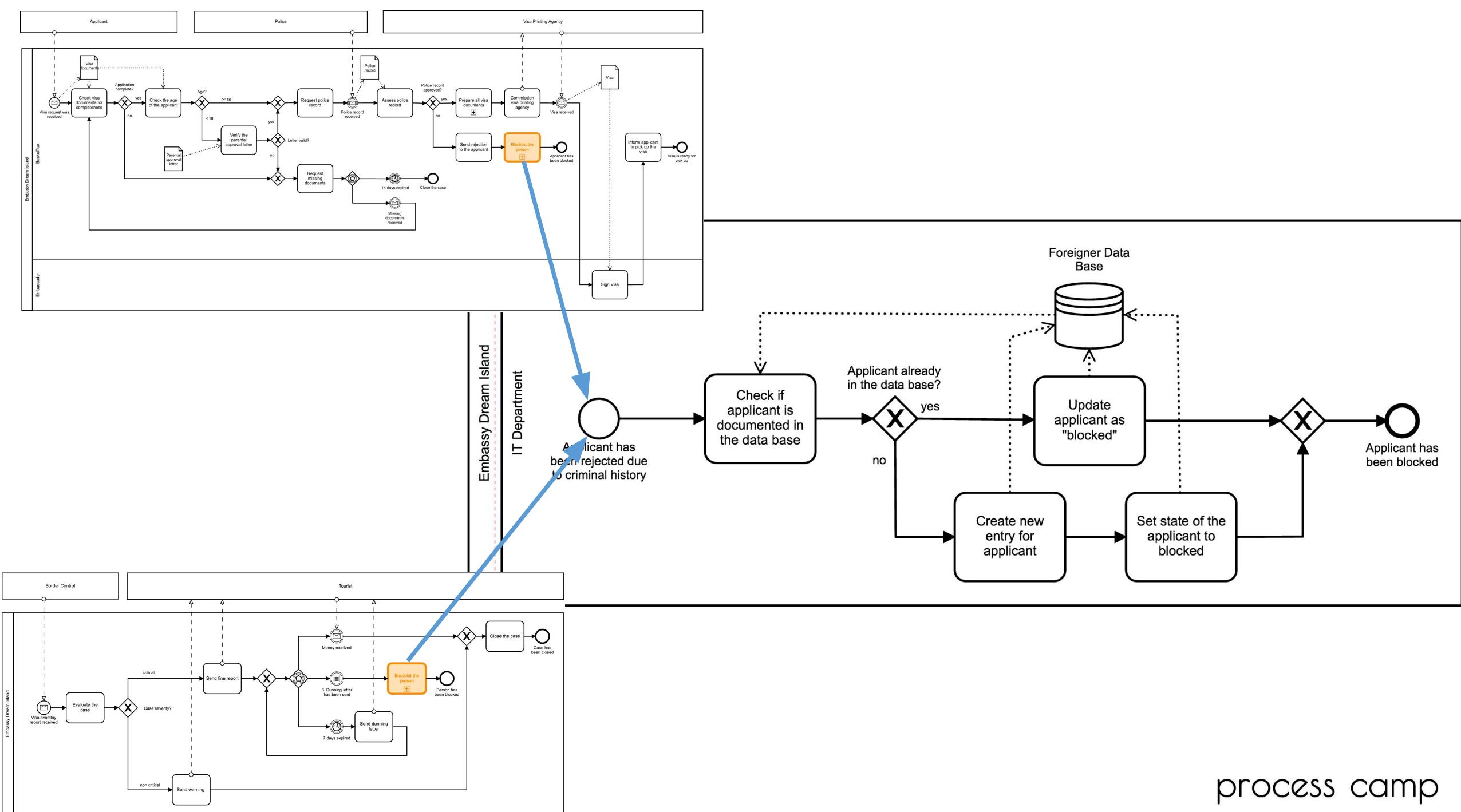
A: Overstaying a visa by a tourist.



B: Criminal background of a visa applicant.



**visa process** and the **overstay process** are completely unrelated.

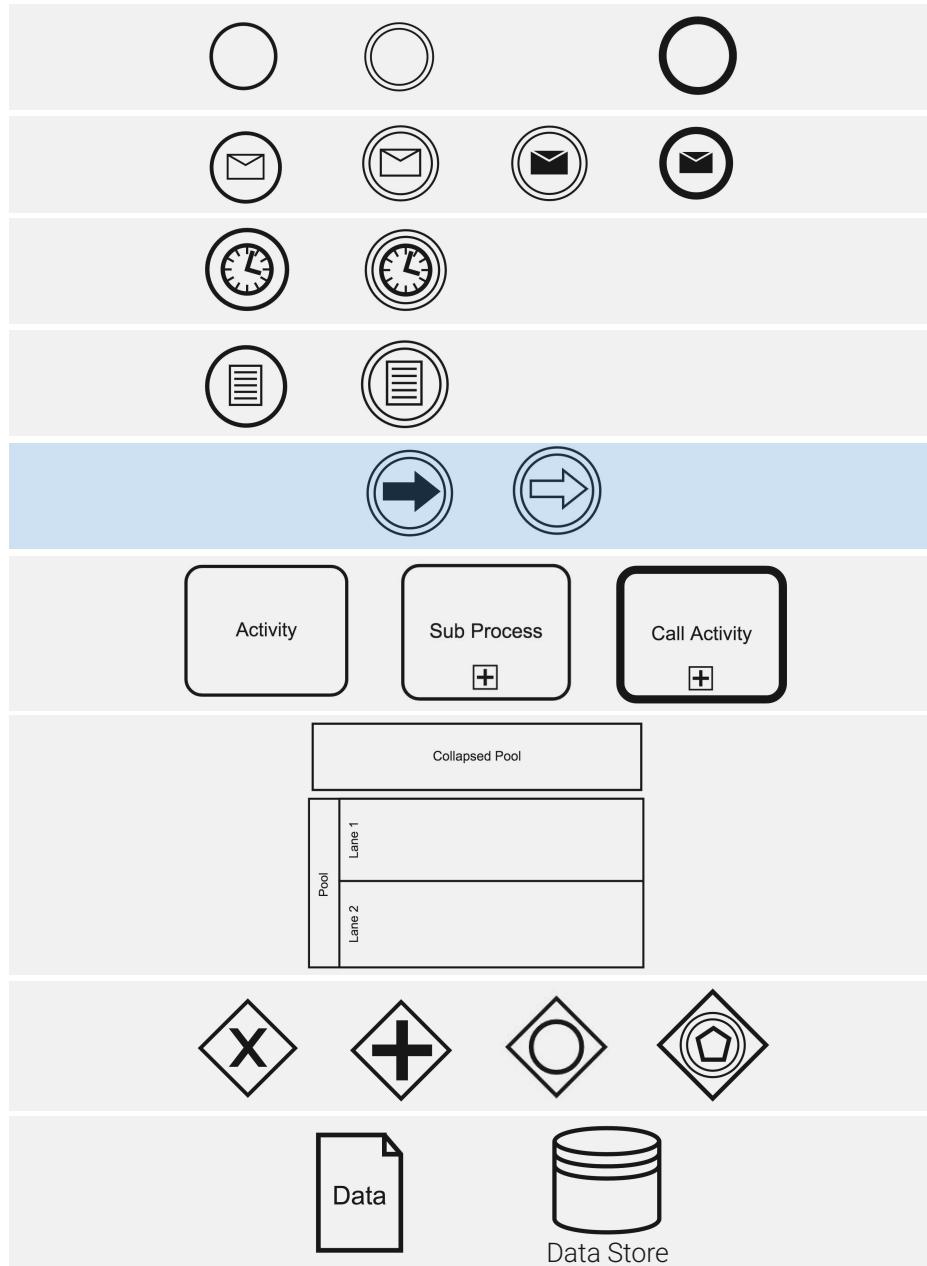




# Good Job!

process camp

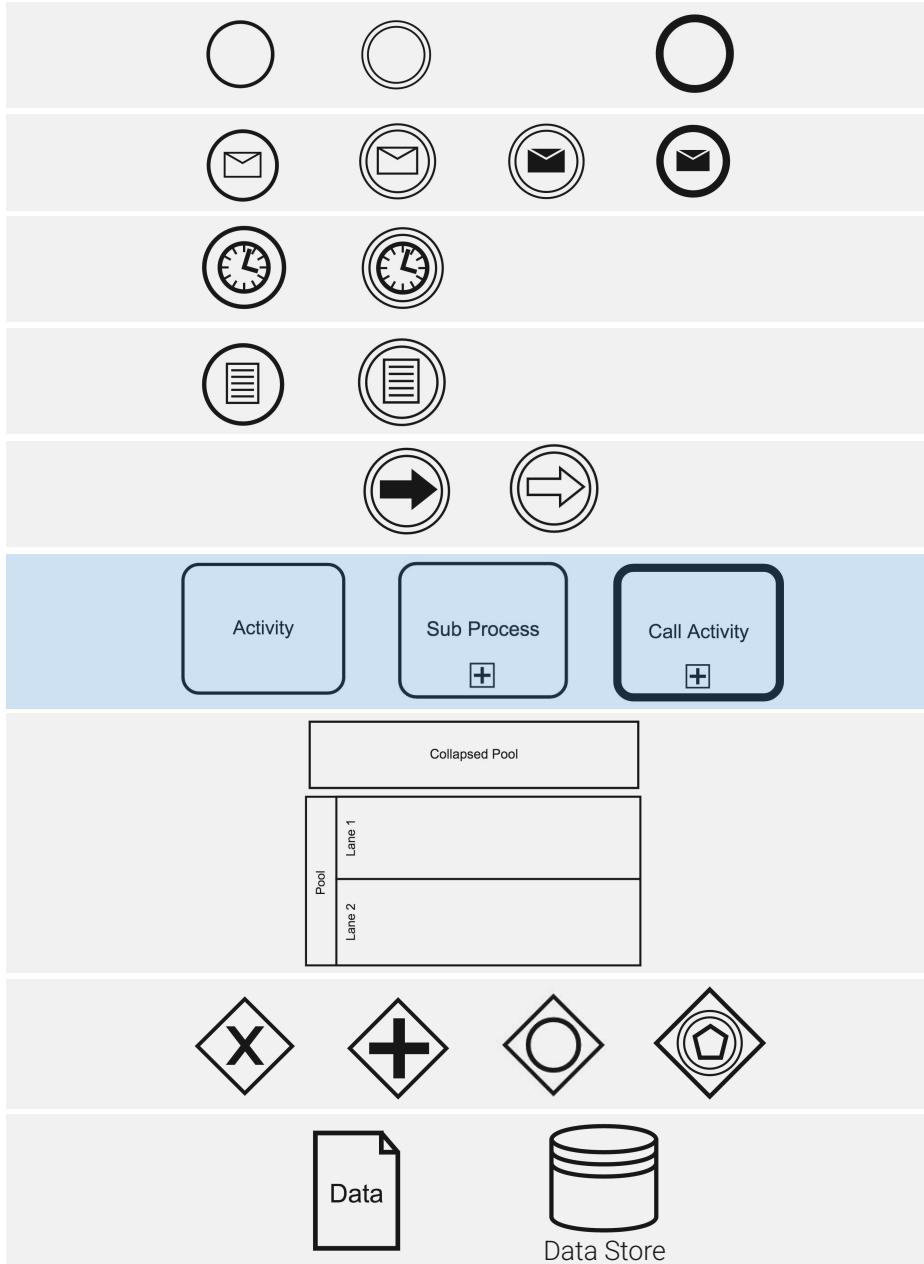
# BPMN Toolset



Link Event



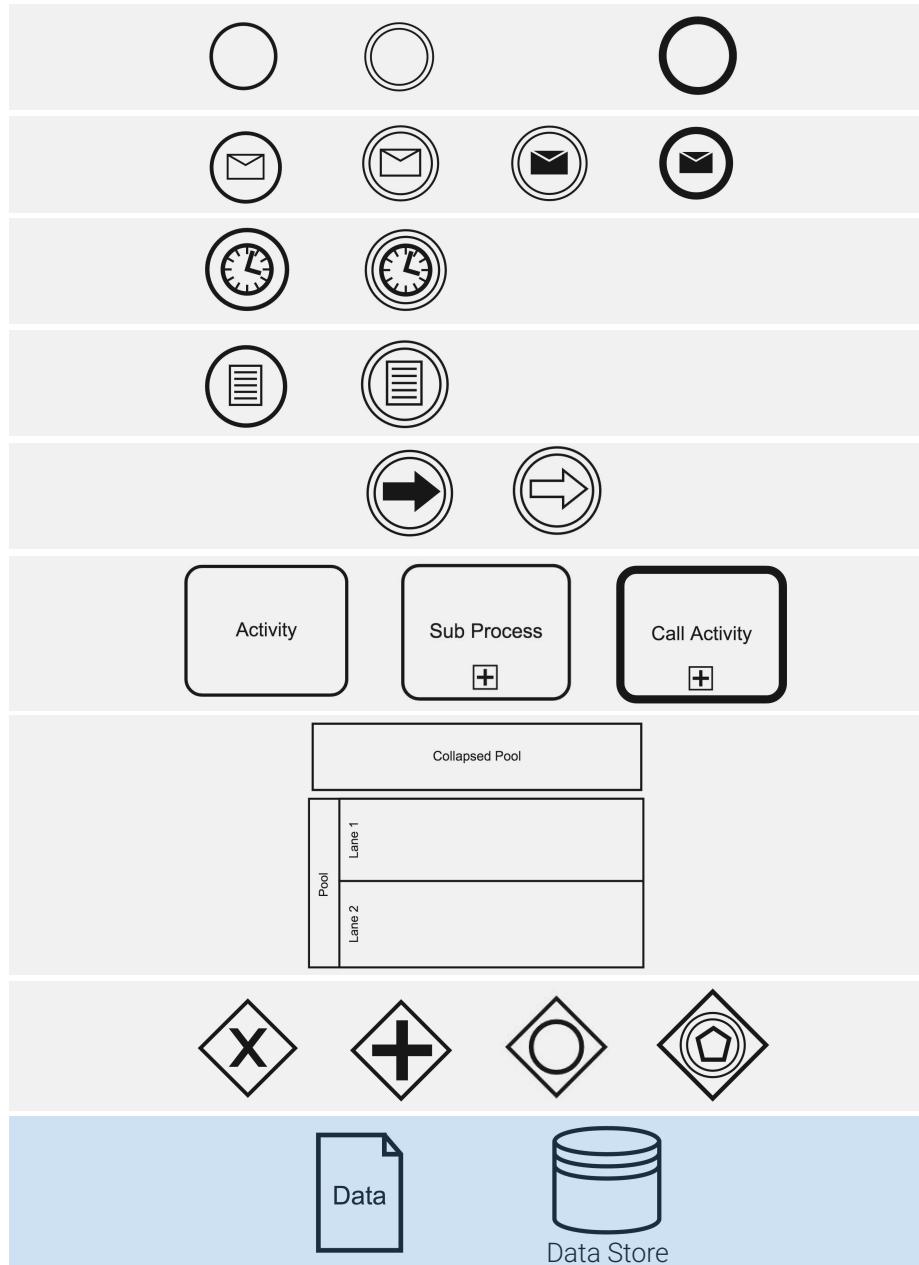
# BPMN Toolset



Sub Process & Call Activity



# BPMN Toolset



Data Object & Store

process camp

# Exercise 5



Back home you miss the island lifestyle so much that you decide to **emigrate**.

As you got blacklisted for the dream island,  
you decide to live at the neighbouring  
wonder island.

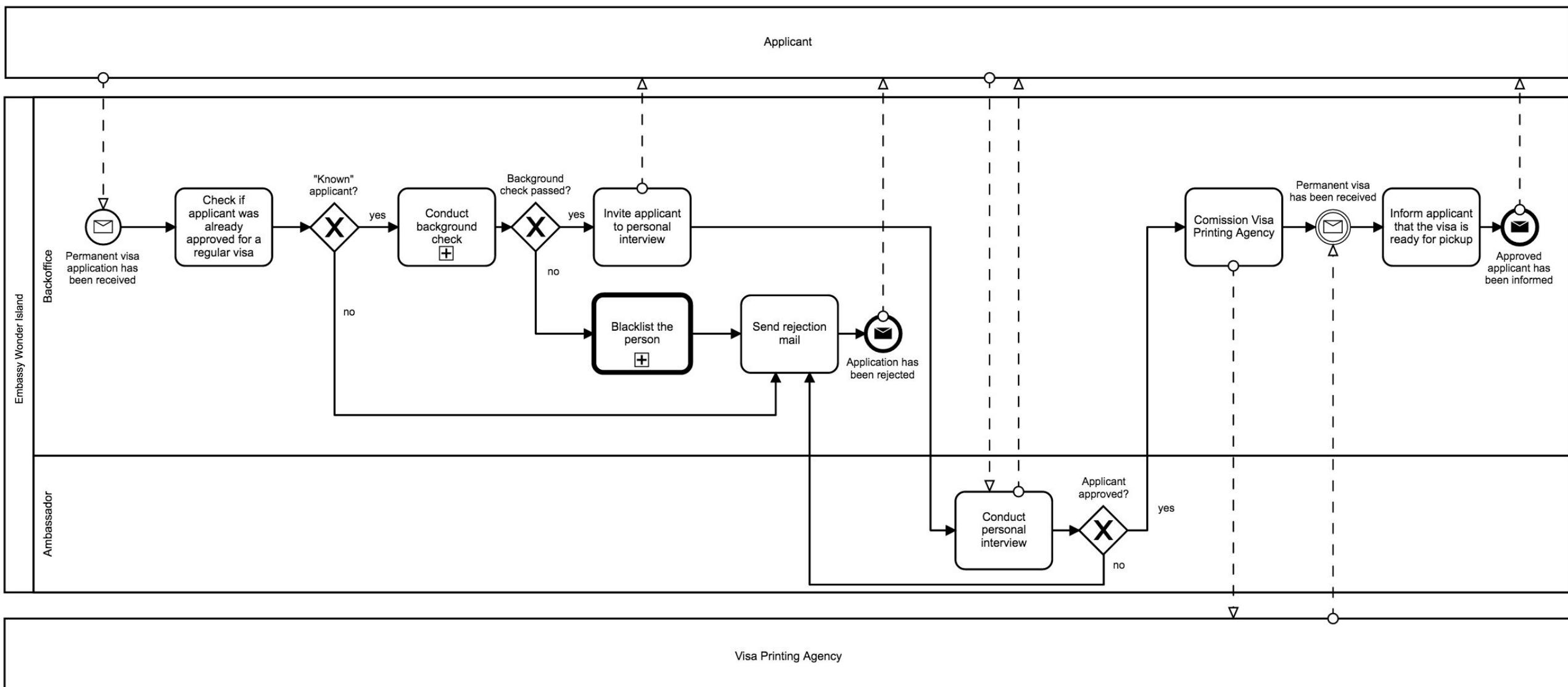
So you call the embassy of this island to  
ask for a permanent visa.

The ambassador of the wonder island  
himself tells you how to get a permanent  
visa:

*"Okay, if you want to stay for ever, you need to send in all required documents for the permanent visa. The back office will then check if you've already successfully applied for a regular visa. If you did and got approved, a background check will be conducted. The background check consists of several steps. If you pass the check, the back office will invite you for a personal interview with me. After this interview I may decide that you are suitable for a permanent visa. I will then tell the back office to commission the visa printing agency. As soon as the permanent visa is received, the back office will inform you so you can pick it up.*

*However, if you haven't applied for a regular visa before, or if you don't pass the interview with me, you will receive a rejection mail from our back office. The same happens if you don't pass the Background check. In this case you will also be blacklisted. The blacklisting here works exactly as the blacklisting for somebody who overstayed.*

Pause the video now!



# Want More Than Just Slides?

The Course Book for the Ultimate BPMN Course is your all-in-one resource for mastering BPMN.

Packed with **detailed explanations, practical tips, and everything that couldn't fit into the slides**, it's the ultimate guide to process modeling.

All the key concepts written down and expanded, this book helps you dive deeper, refine your skills, and create workflows that truly stand out.

**Grab your copy and unlock the complete BPMN experience!**

[processcamp.io/products/the-ultimate-bpmn-course-book!](https://processcamp.io/products/the-ultimate-bpmn-course-book)

