



ByteXpress - Team 9

ByteXecom E-commerce System

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ITERATION - 9

System Documentation - This iteration has the collated system documentation of the final versions of all system design documentation of the ByteXpress E-commerce system.

The meticulously compiled documents consist of the updated requirements lists, complexity matrix, logical and technical narratives, technical primitive, UML activity, sequence and state diagrams as well as the test cases and screen designs for all the use cases.



Client Information - Jannes Janse van Rensburg is the co-owner of Natuurlik. He is currently working as a Business Area Manager for DSV - Global Transport and Logistics.



Client

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1. Iteration Introduction

For this iteration the ByteXpress team have compiled a document that illustrates the design and development phase of our proposed system that we are developing for our client Natuurlik. After careful analysis of our system, we decided to focus on the Inventory Management, Product, Order, Supplier, Review, Query Reason, Reseller and VAT subsystems for this iteration.

2. Sequence Diagrams

Introduction

In this section, the sequence diagrams of the proposed ByteXecom system will be documented. These diagrams are drawn up due to the identification of parallel activities in their respective activity diagrams.

2.1. Product Subsystem

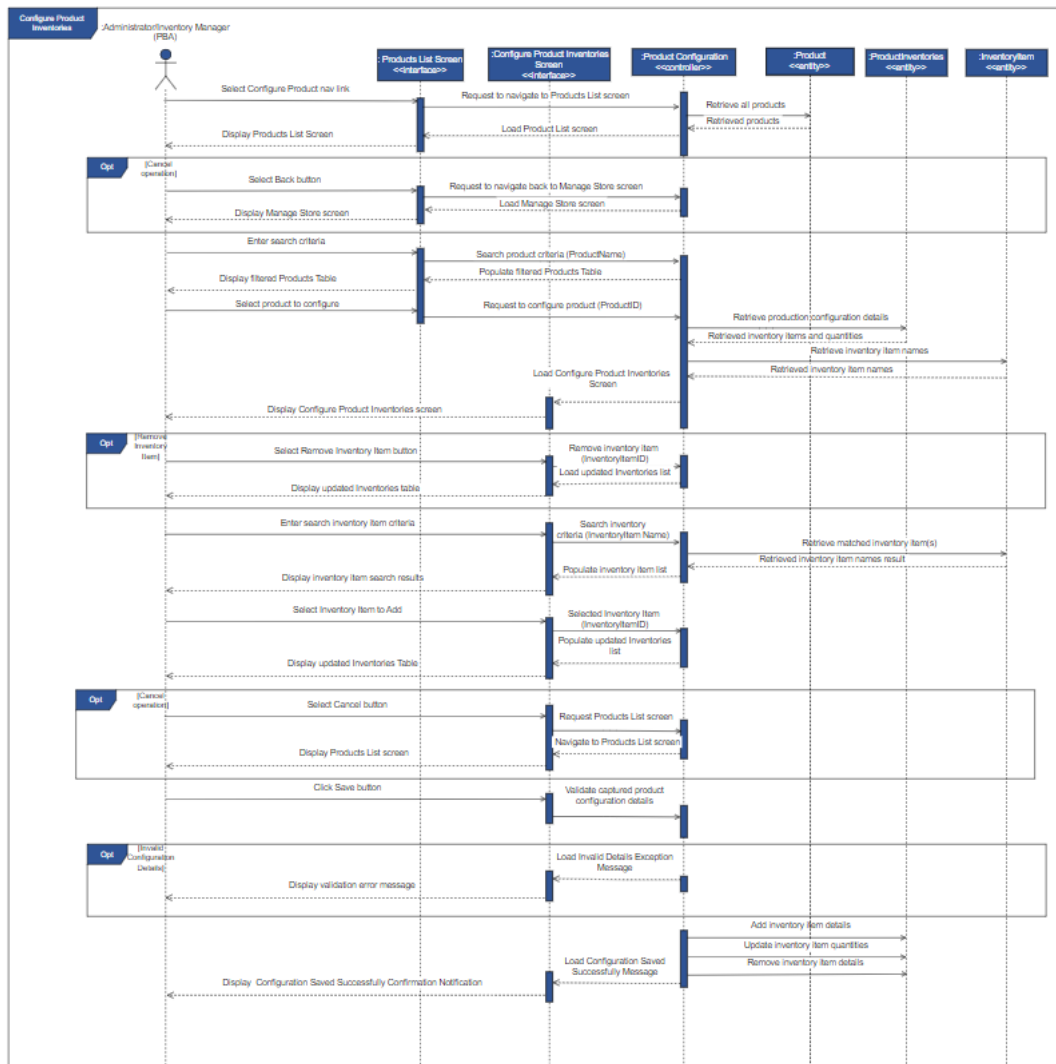


Figure 1 - 4.18 Configure product

2.2. Inventory Management Subsystem

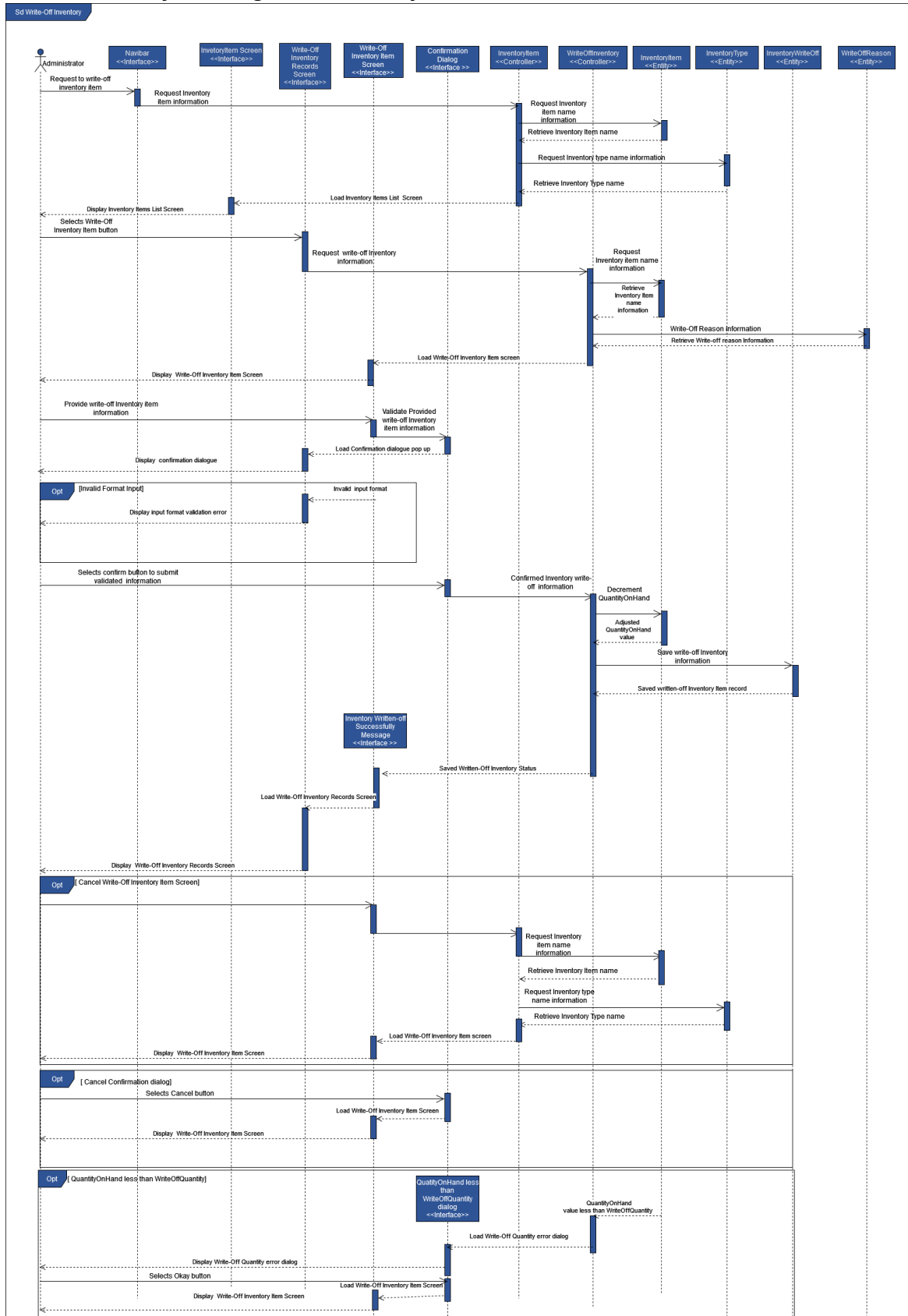


Figure 2 - 8.13 Write off inventory

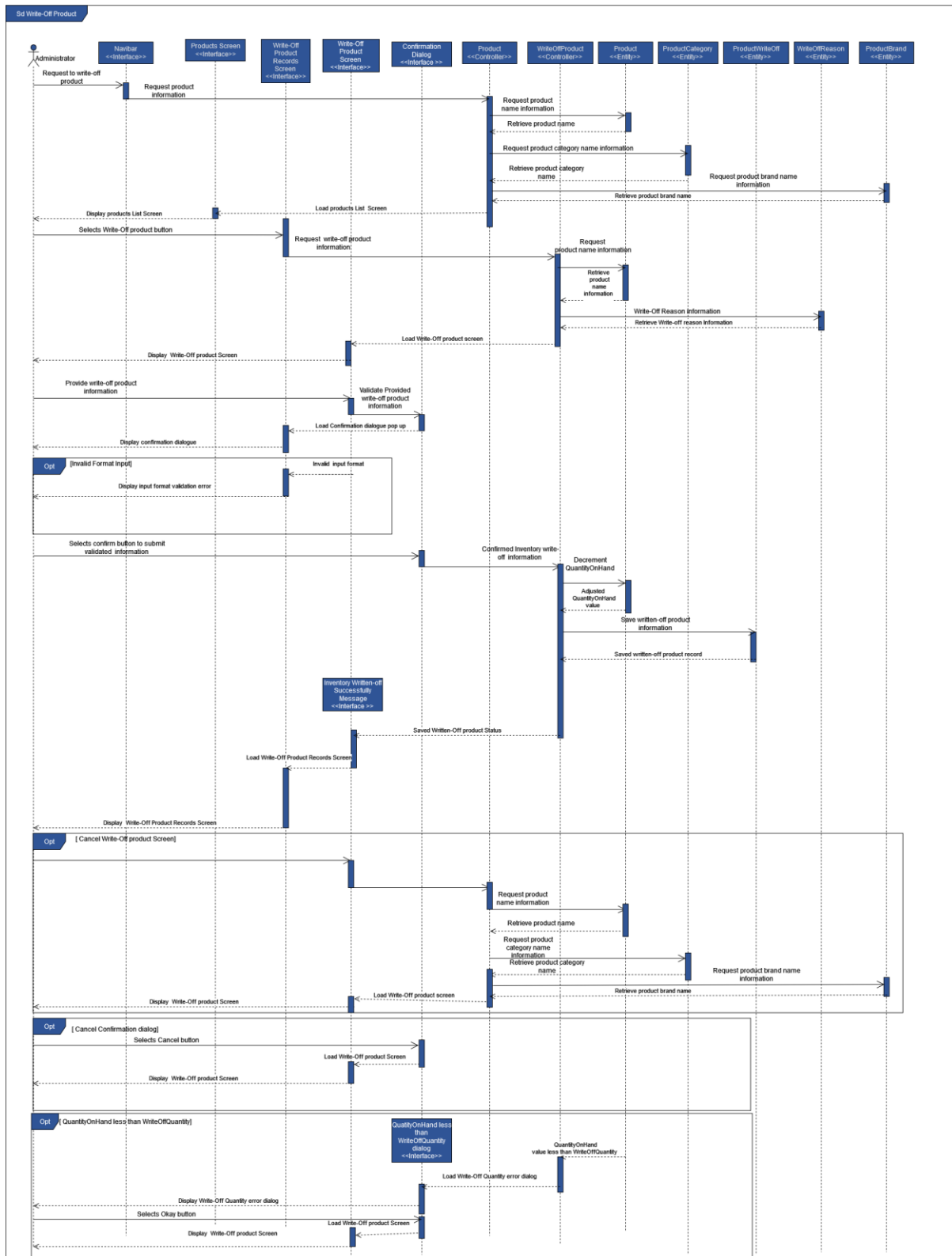


Figure 3 - 8.14 Write off product



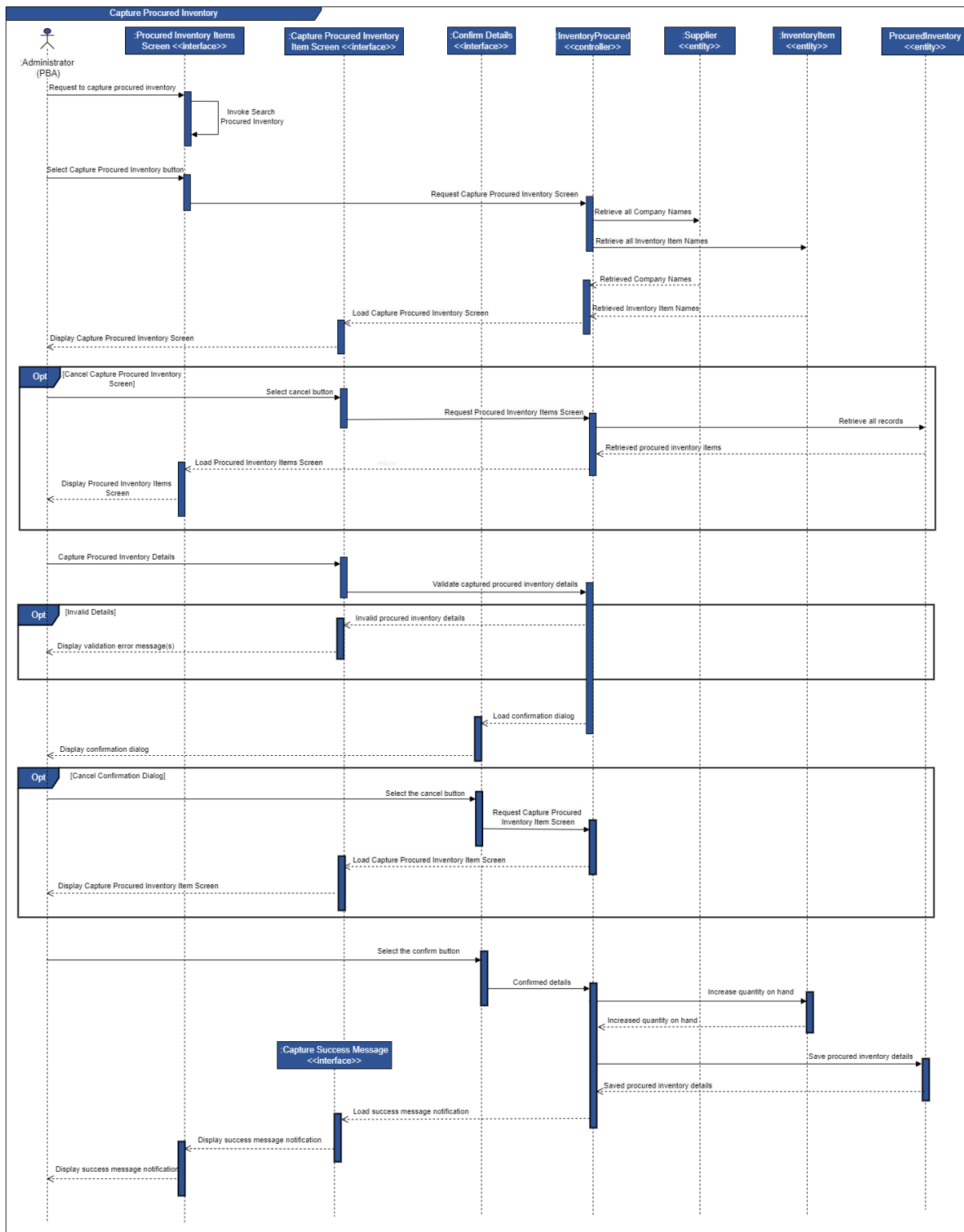


Figure 5 - 8.18 Capture procured inventory

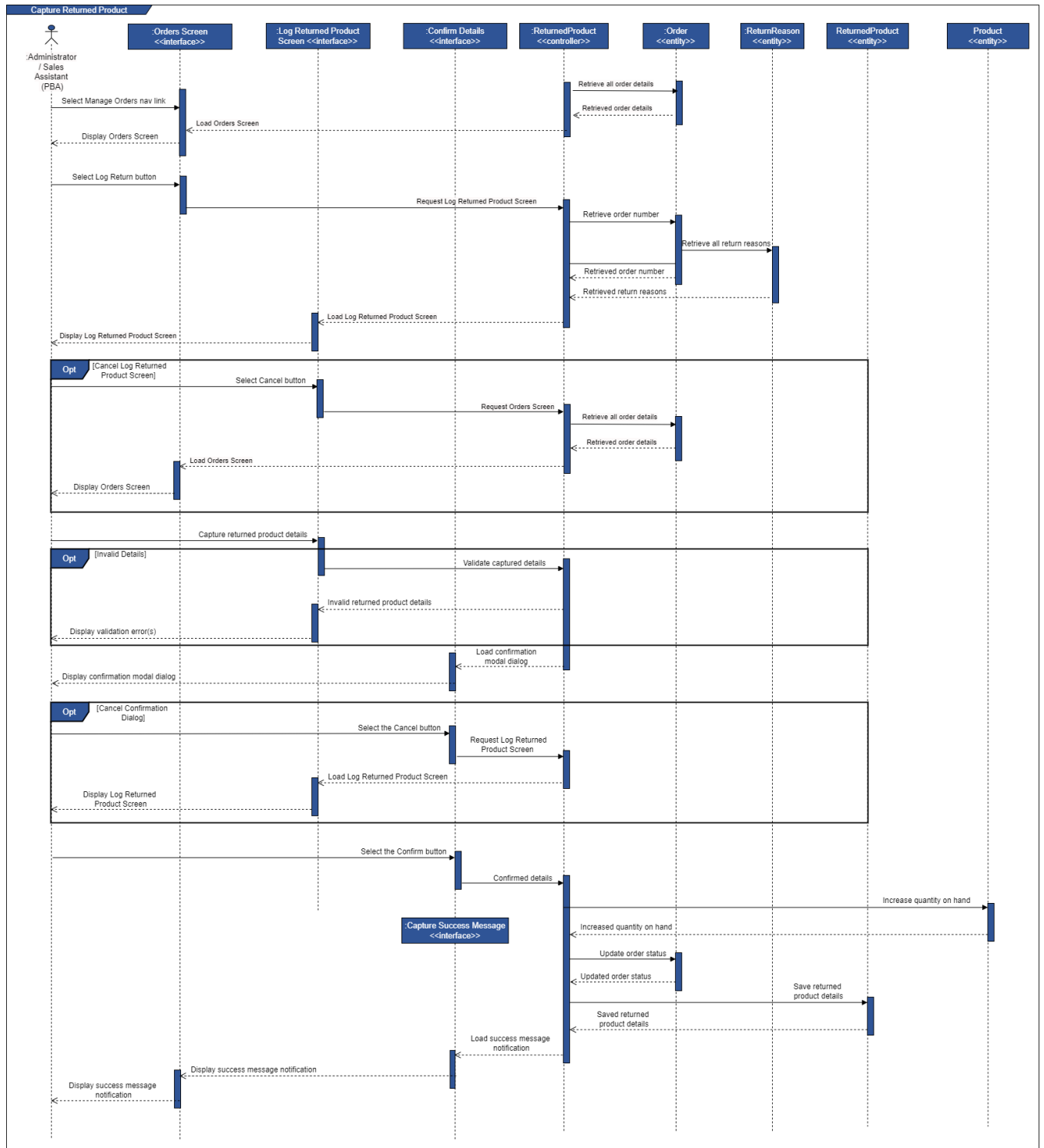


Figure 6 - 8.19 Capture Returned Product

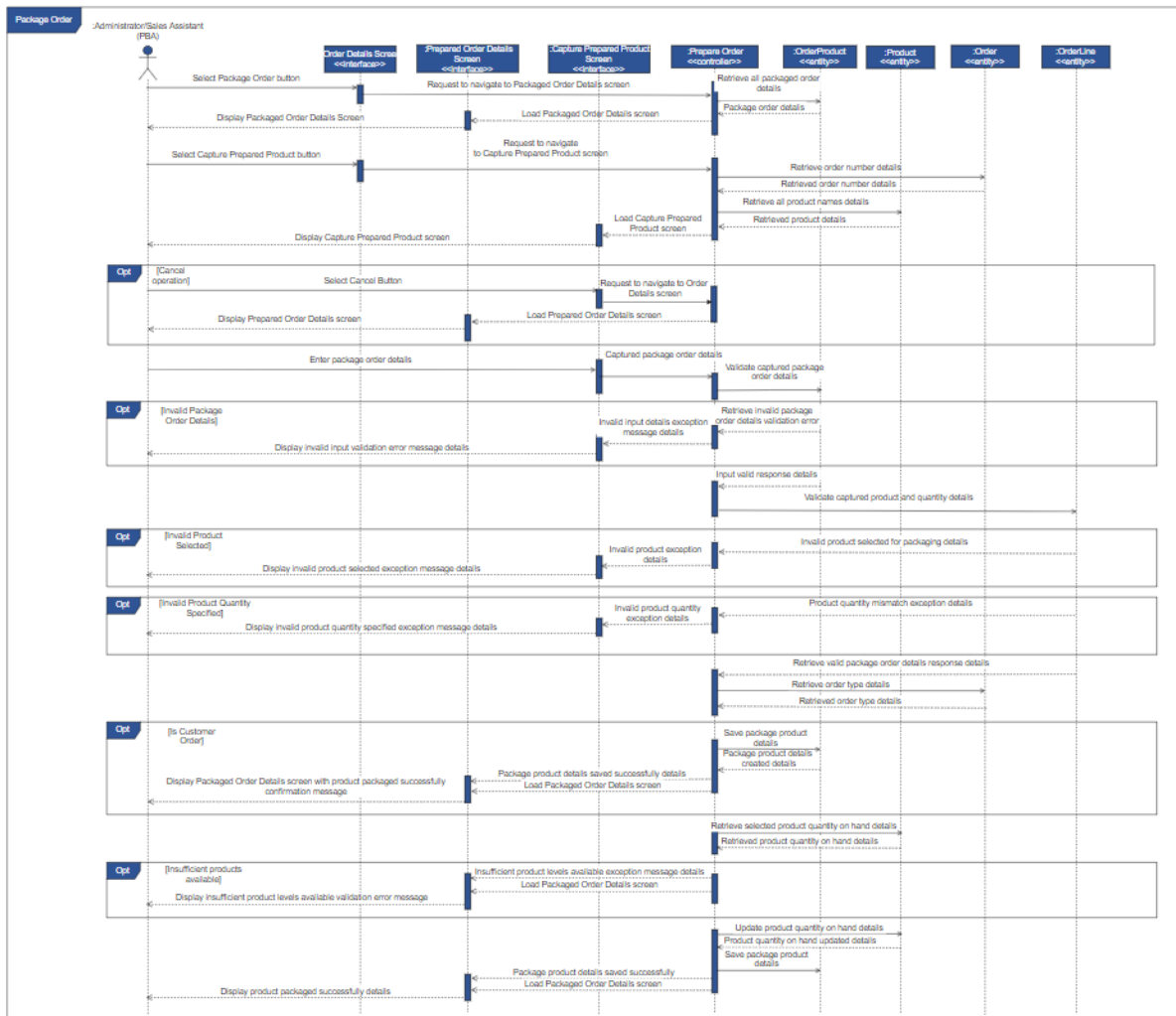


Figure 7 - 8.20 Package Order

Conclusion

In conclusion, this section displayed all the sequence diagrams present in the ByteXecom E-Commerce System.

3. Iteration Conclusion

In conclusion the compiled iteration four document detailed the design and development of our ByteXecom E-commerce system. This document contained the updated requirements lists, complexity matrix, logical and technical narratives, technical primitive, UML activity diagrams as well as the test cases and screen designs for our use cases.