



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.



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1. Iteration Introduction

For this iteration the ByteXpress team have compiled a document that illustrates the collated system documentation of the final versions of all system design documentation for the ByteXpress E-commerce system.

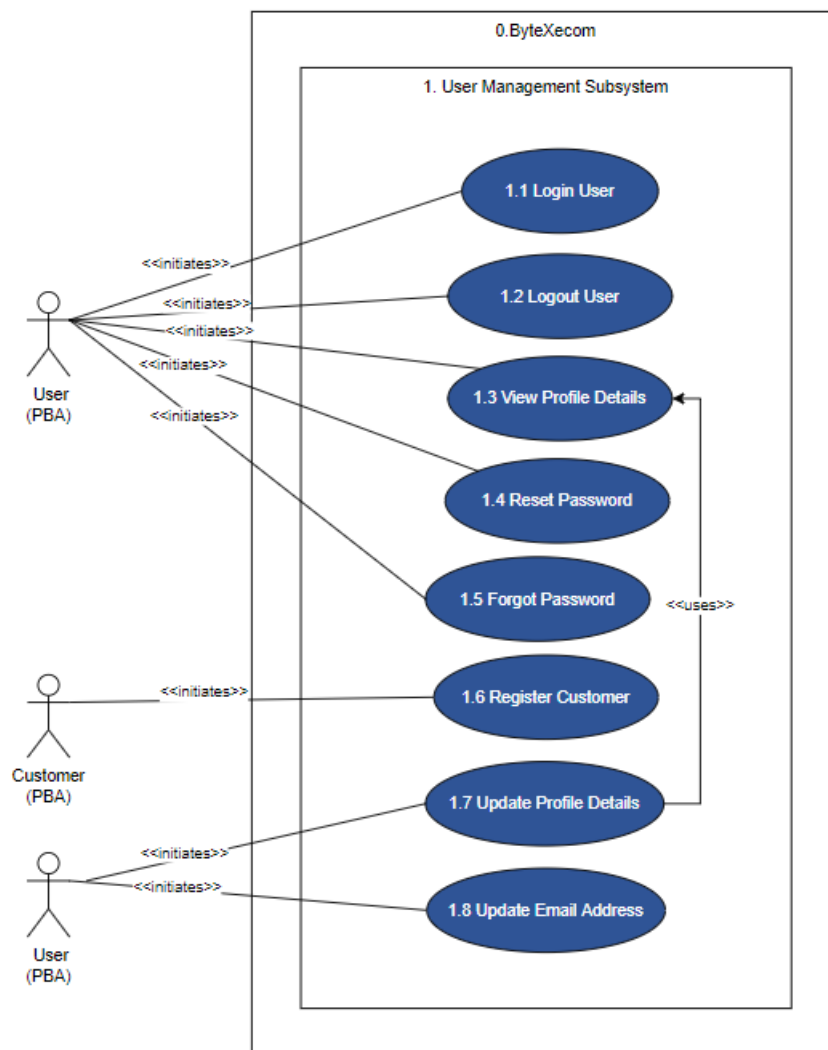
2. Use Case Diagrams

Introduction

This section includes a use case diagrams which represents all the requirements of the proposed ByteXecom system and is categorized per subsystem. The main intent of the use case diagrams is to illustrate the interactions between identified users (also called actors) and the system.

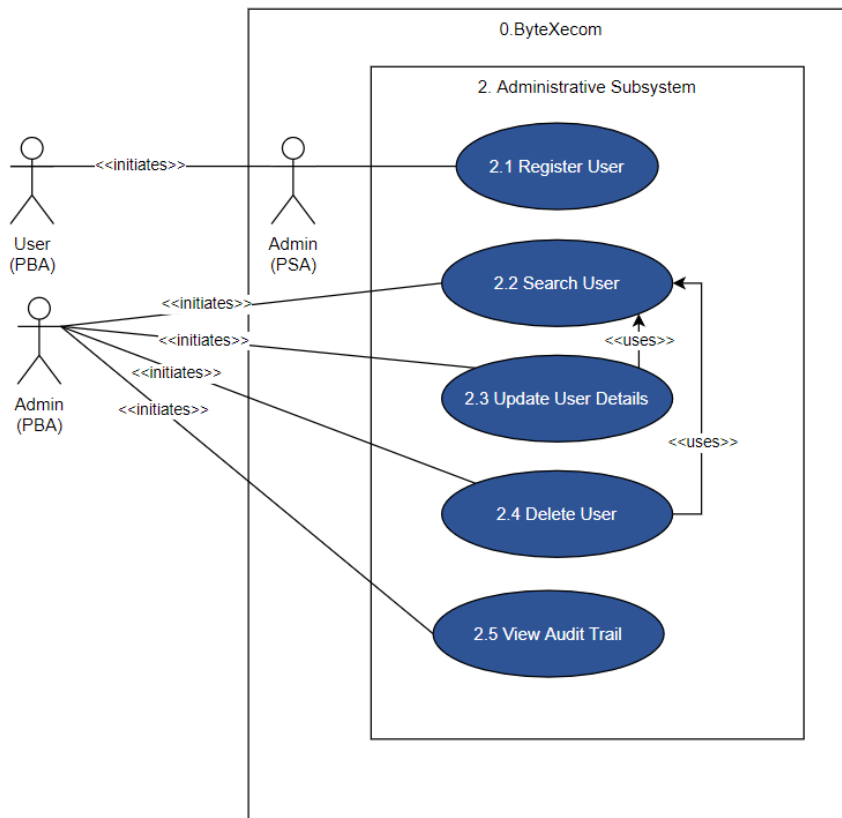
2.1. User management Subsystem

Figure 1 – User Management Subsystem UCD



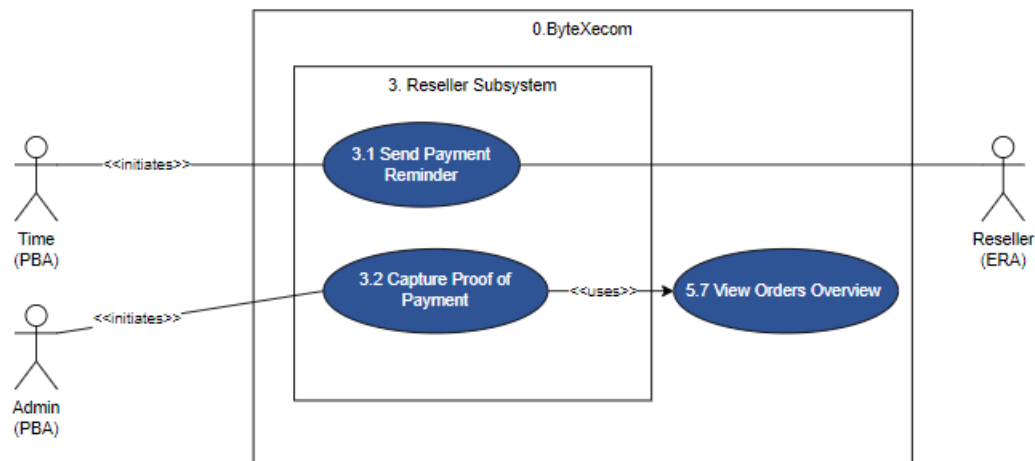
2.2. Administrative Subsystem

Figure 2 – Administrative Subsystem UCD



2.3. Reseller Subsystem

Figure 3 - Reseller Subsystem UCD



2.4. Product Subsystem

Figure 4 - Product Subsystem UCD

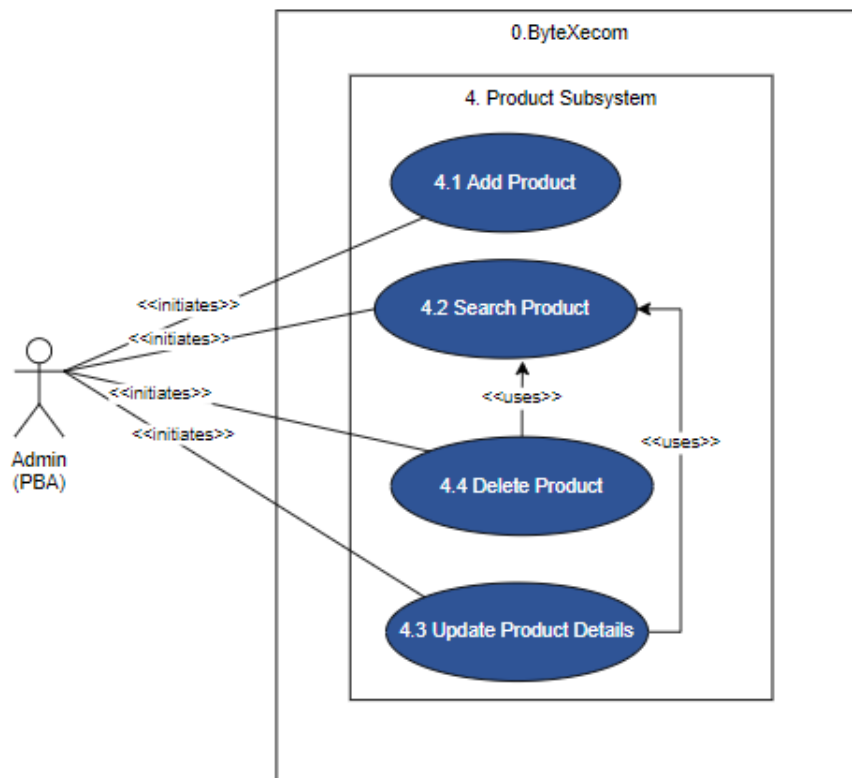


Figure 5 - Product Subsystem UCD (continued)

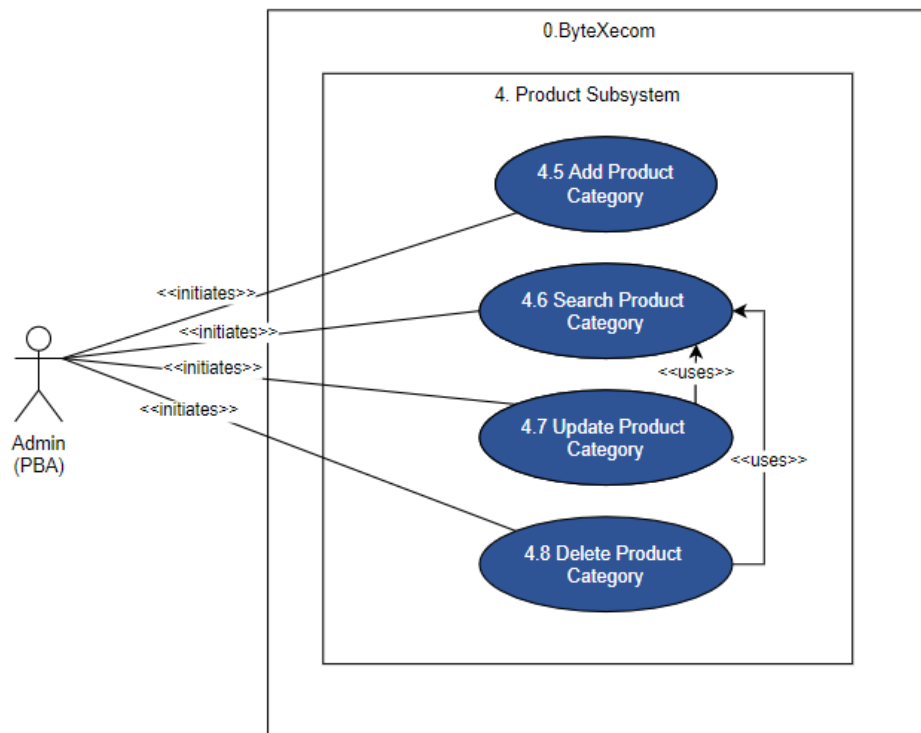


Figure 6 - Product Subsystem UCD (continued)

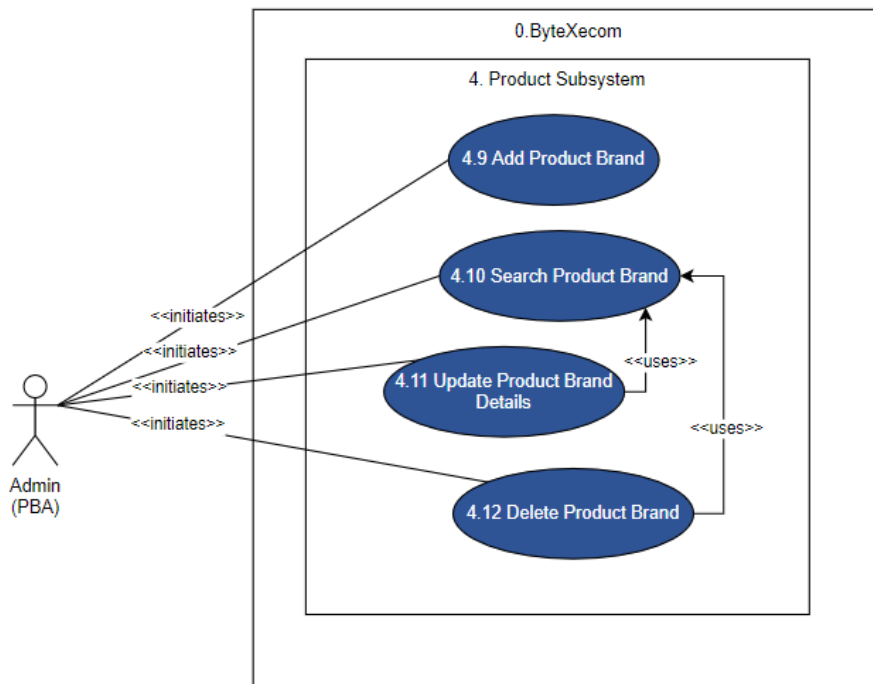
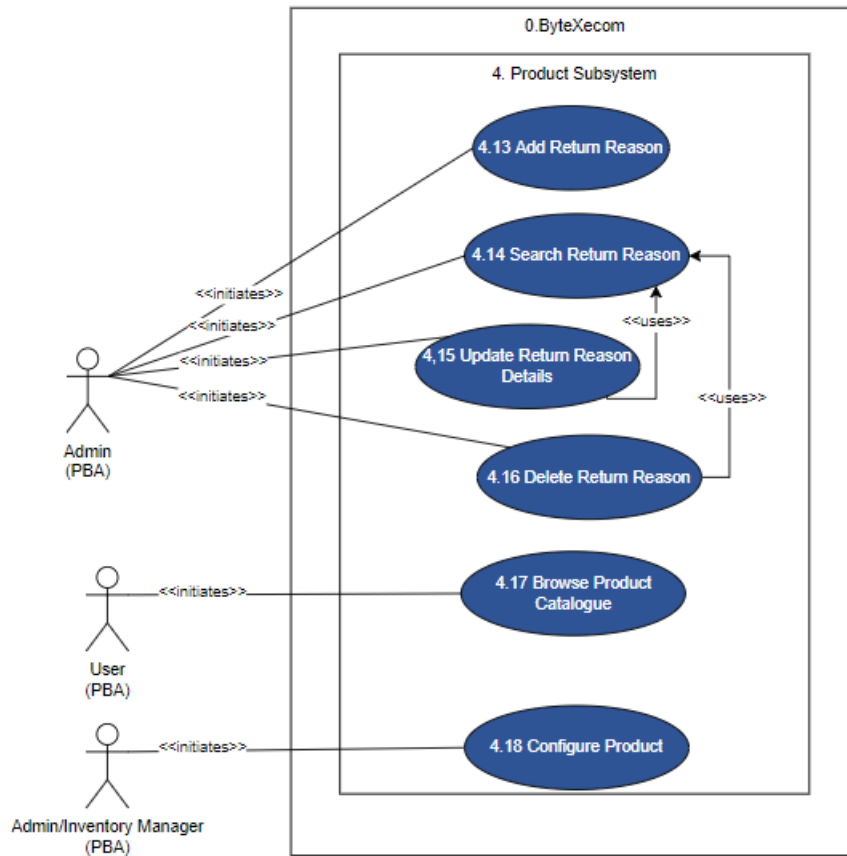


Figure 7 - Product Subsystem UCD (continued)



2.5. Order Subsystem

Figure 8 - Order Subsystem UCD

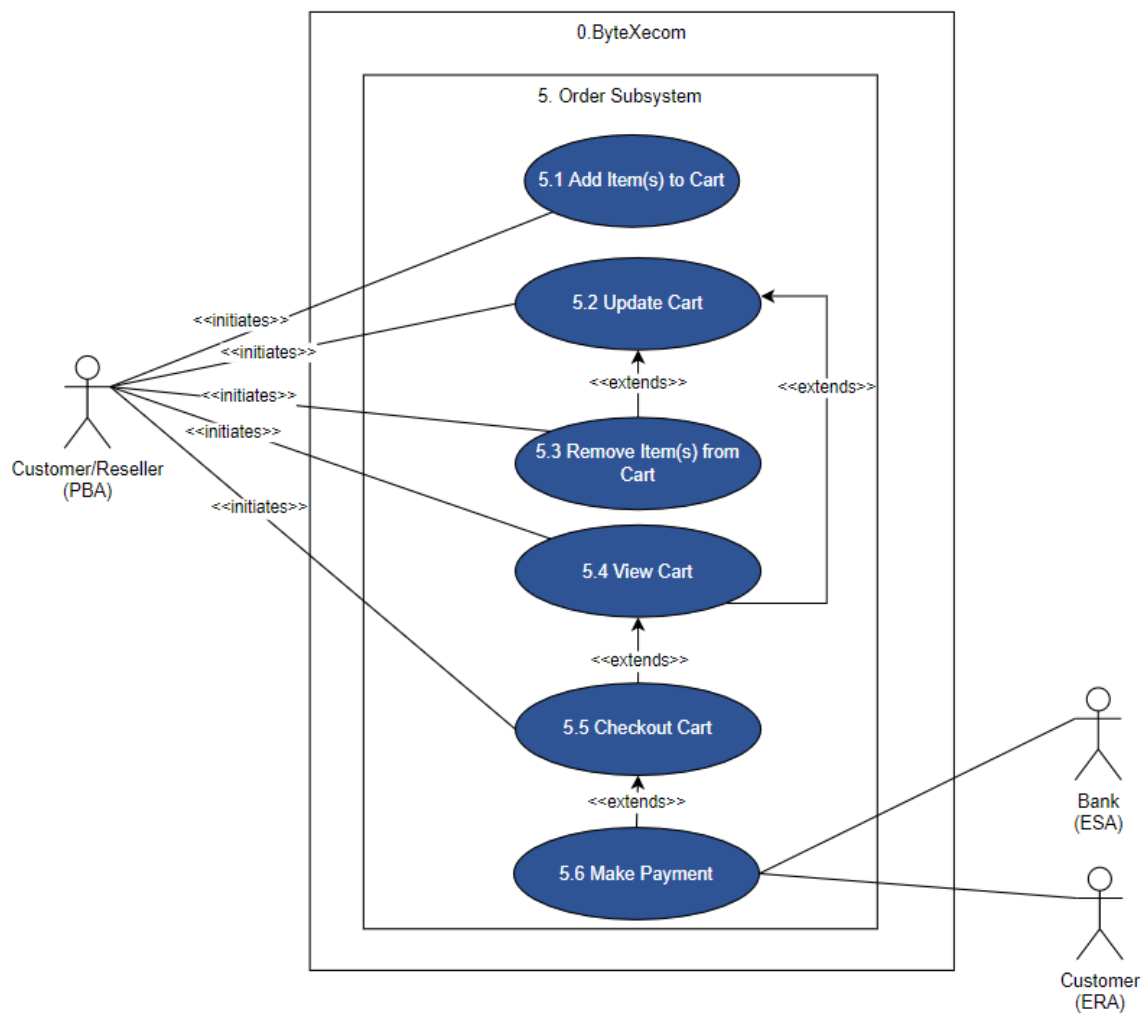


Figure 9 - Order Subsystem (continued)

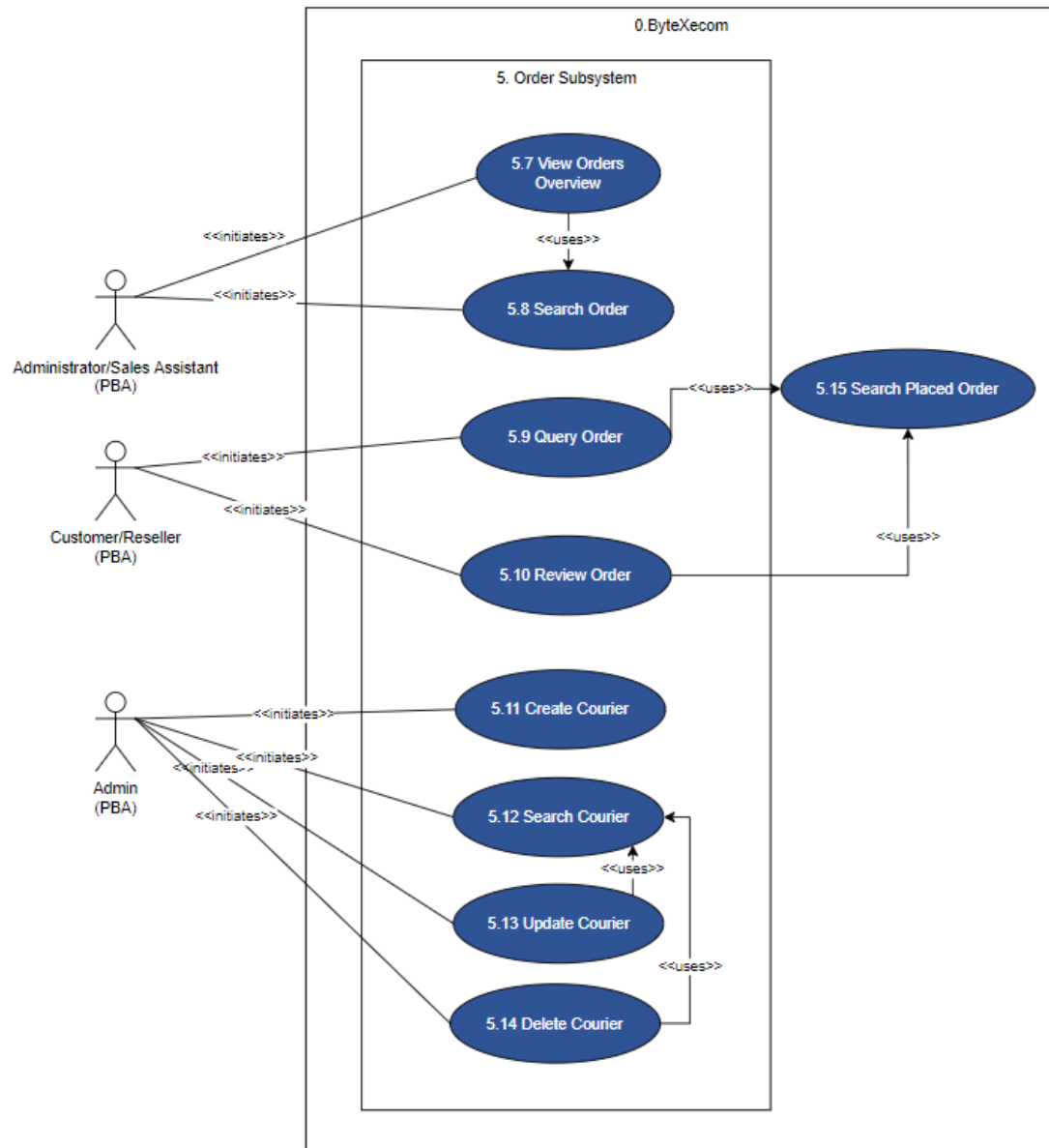
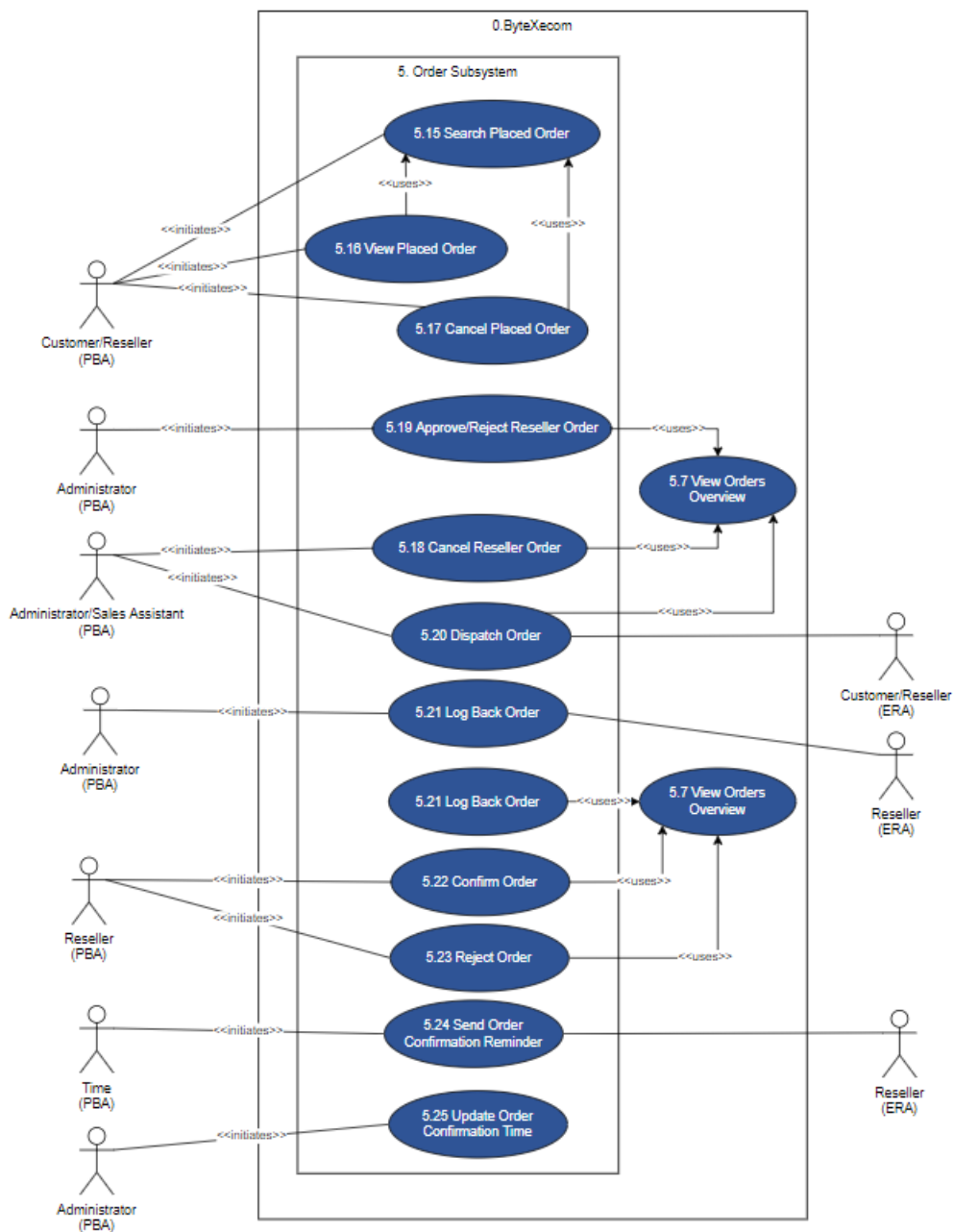
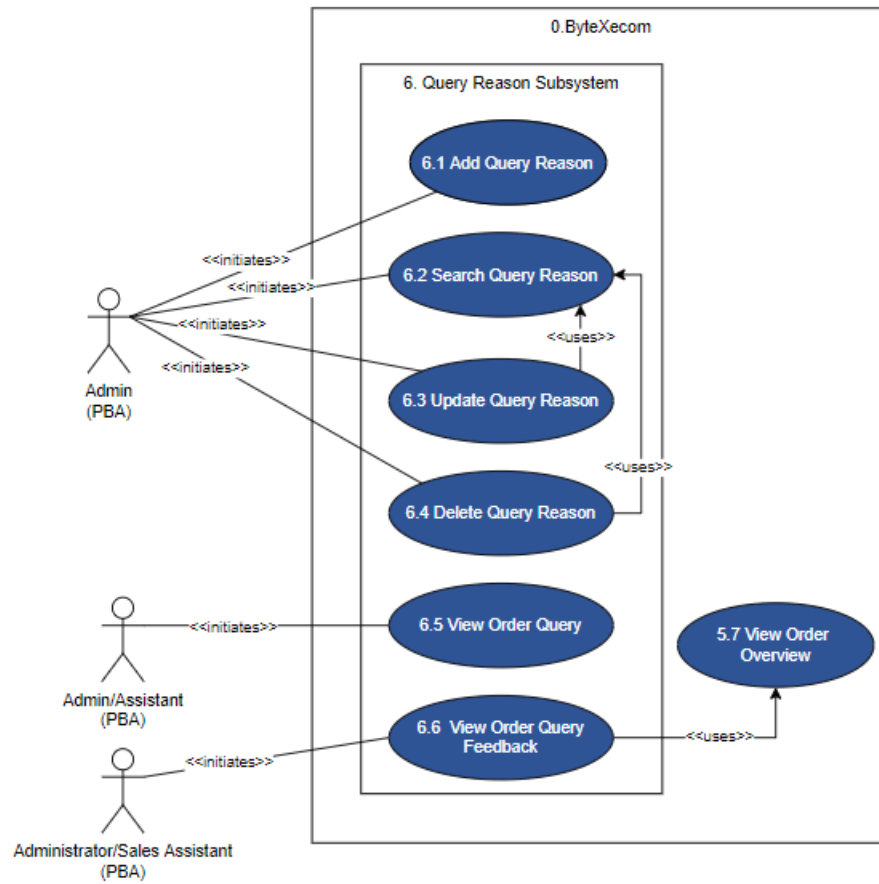


Figure 10- Order Subsystem (continued)



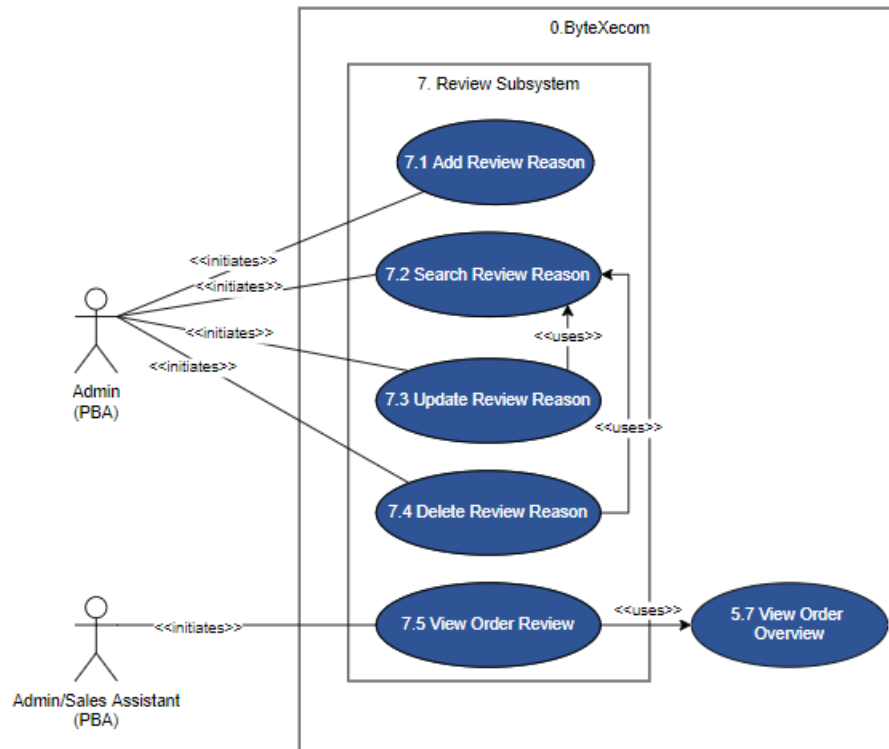
2.6. Query Reason Subsystem

Figure 11 - Query Reason Subsystem UCD



2.7. Review Subsystem

Figure 12 - Review Subsystem UCD



2.8. Inventory Management Subsystem

Figure 13 - Inventory Management Subsystem UCD

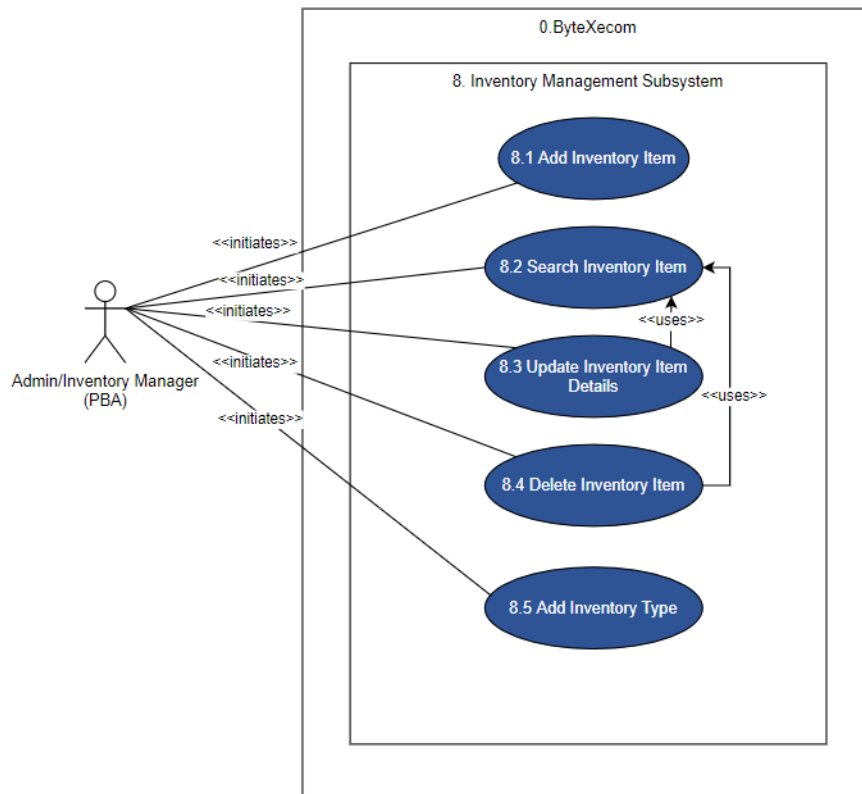


Figure 14 - Inventory Management Subsystem UCD (continued)

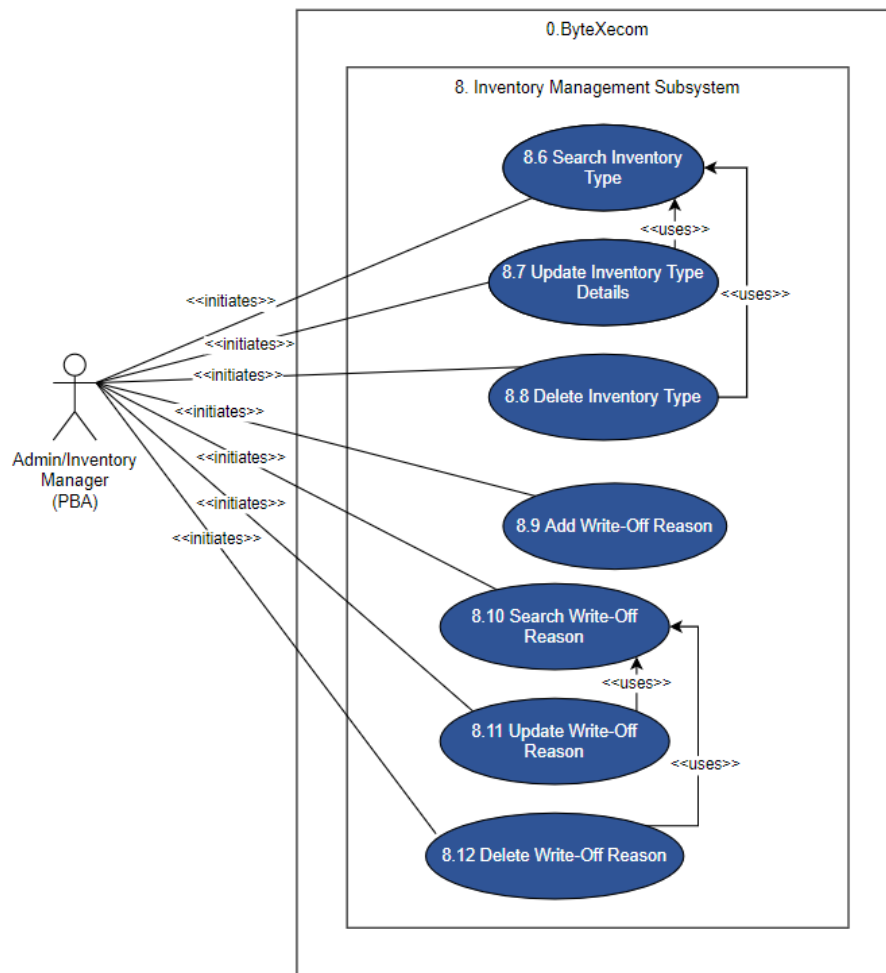


Figure 15 - Inventory Management Subsystem UCD (continued)

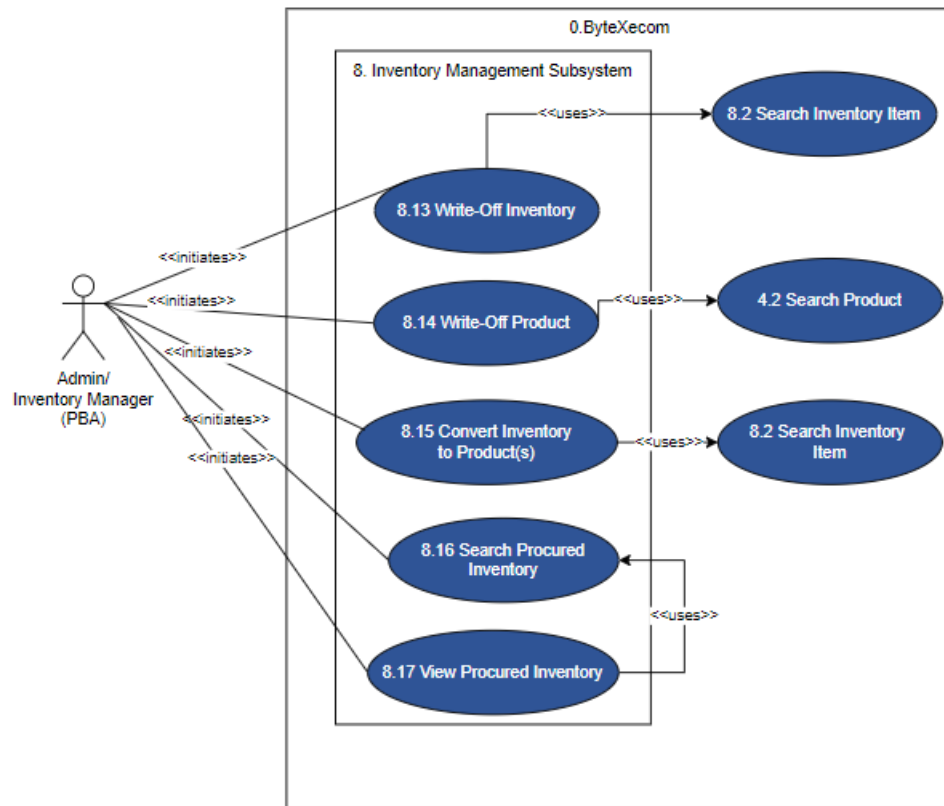
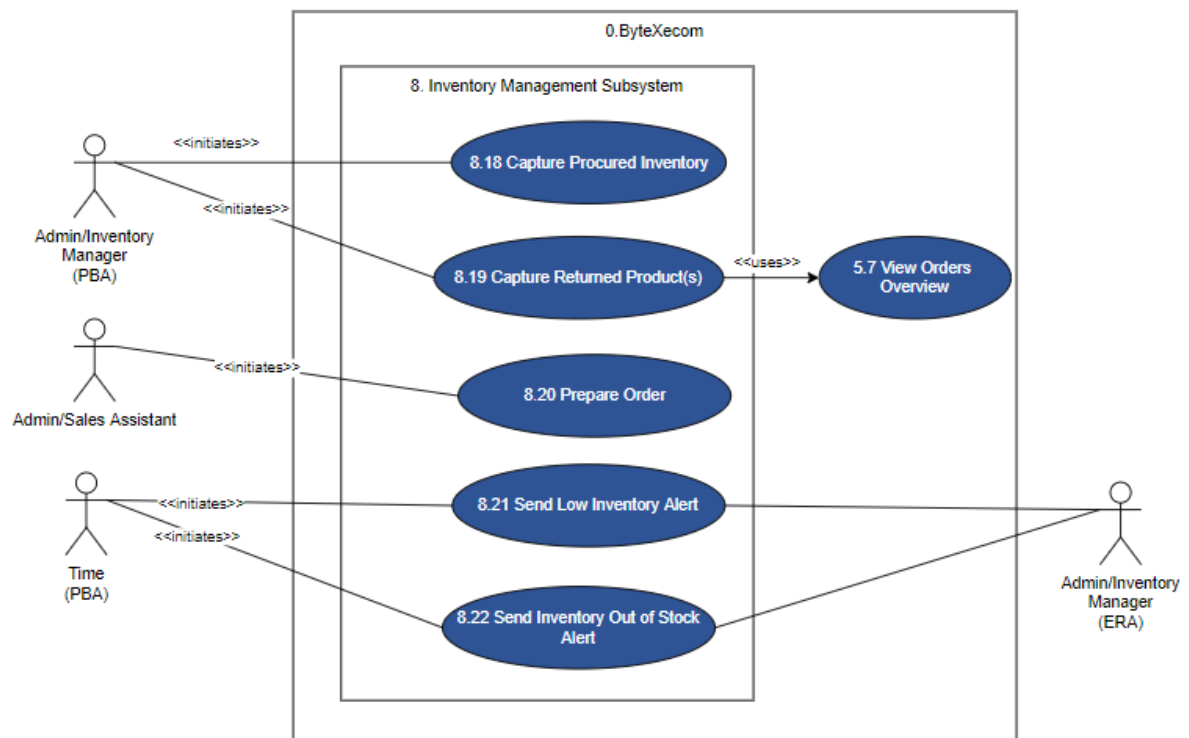


Figure 16 - Inventory Management Subsystem UCD (continued)



2.9. Location Subsystem

Figure 17 - Location Subsystem (Country) UCD

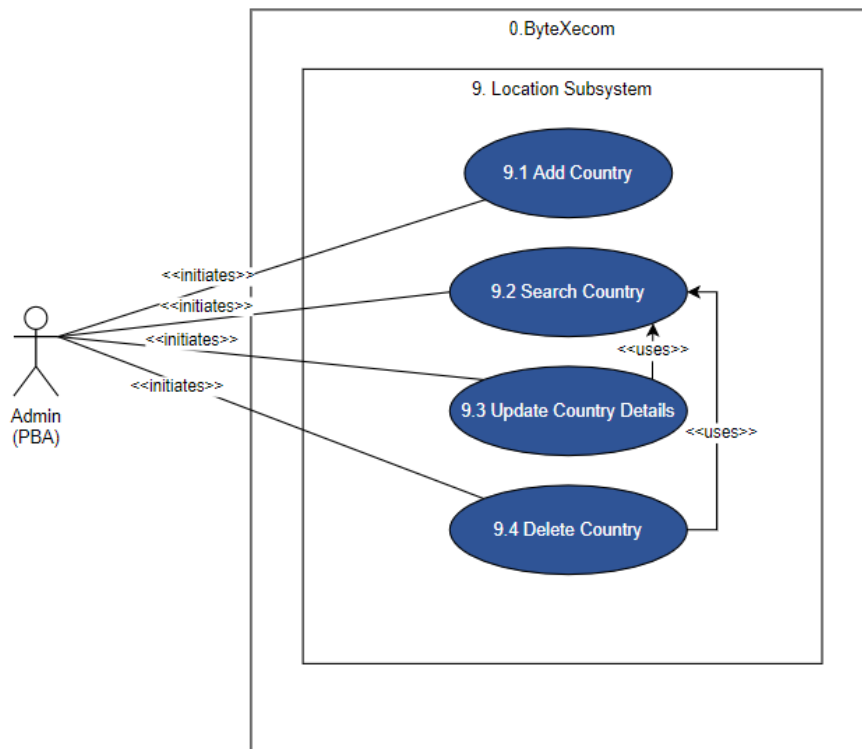


Figure 18 - Location Subsystem (Province) UCD

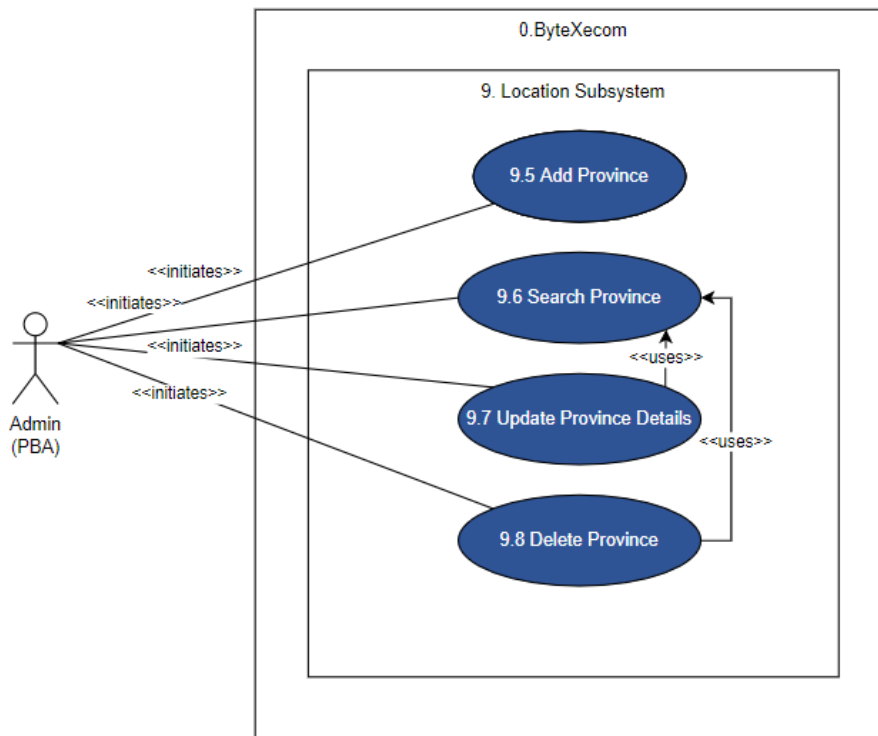


Figure 19 - Location Subsystem (City) UCD

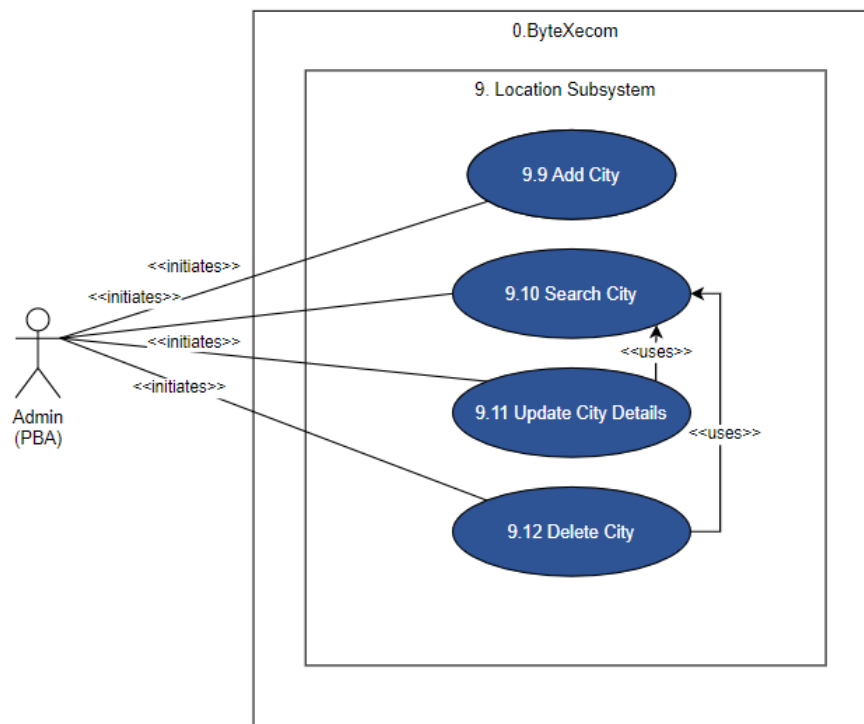
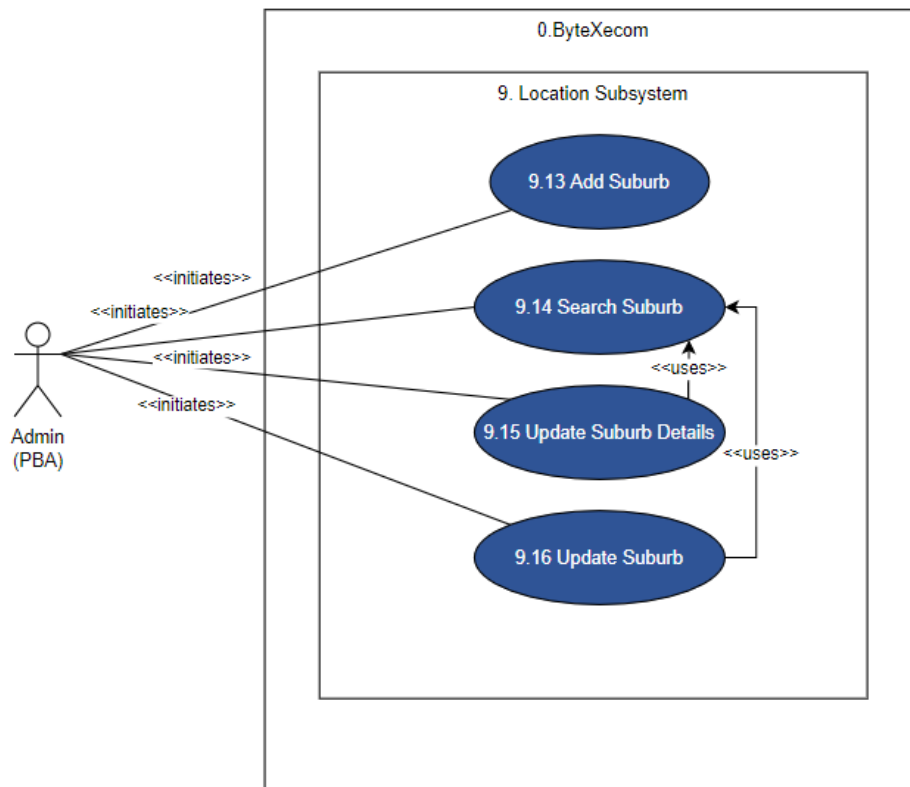


Figure 20 - Location Subsystem (Suburb) UCD



2.10. Reporting Subsystem

Figure 21 - Reporting Subsystem UCD

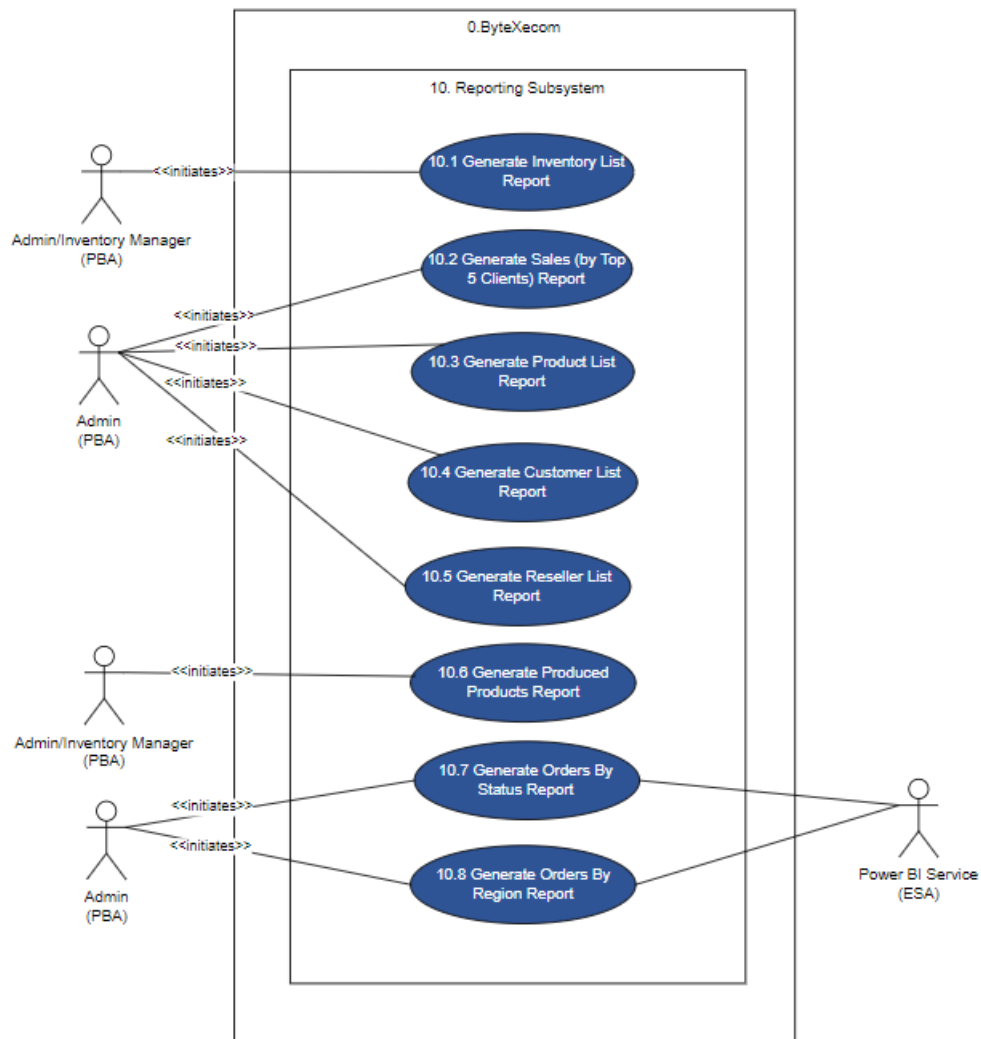
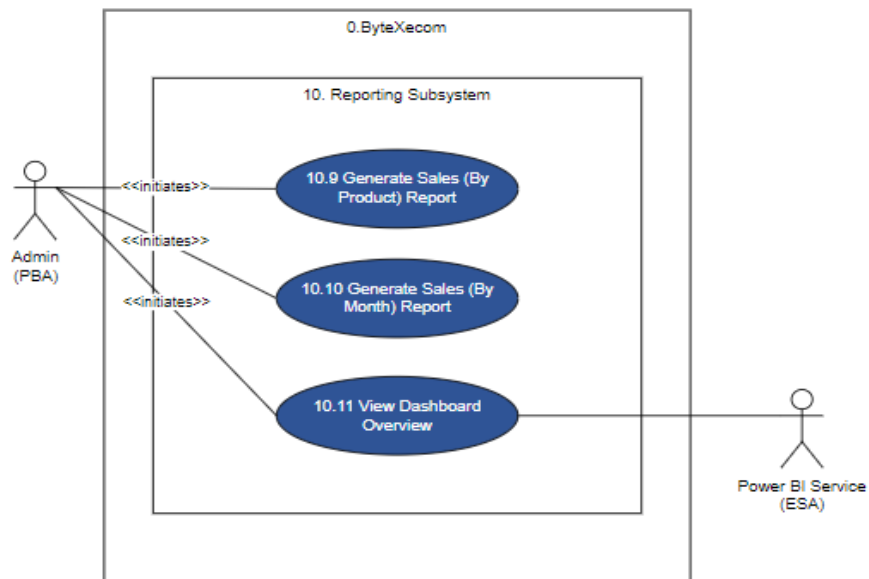
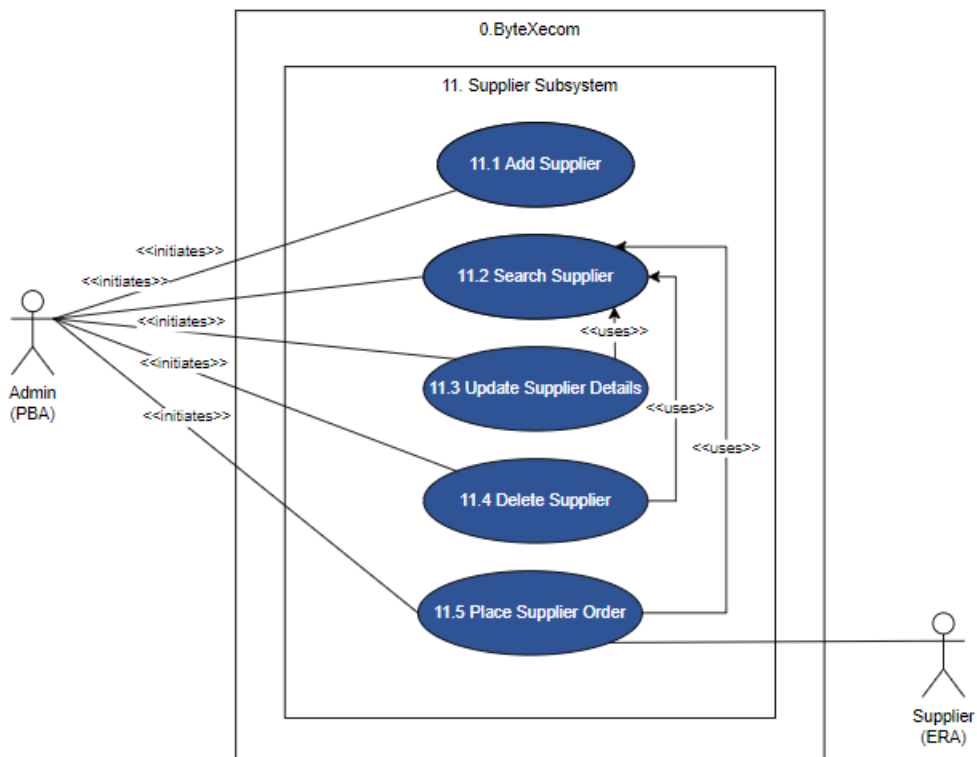


Figure 22 - Reporting Subsystem UCD (continued)



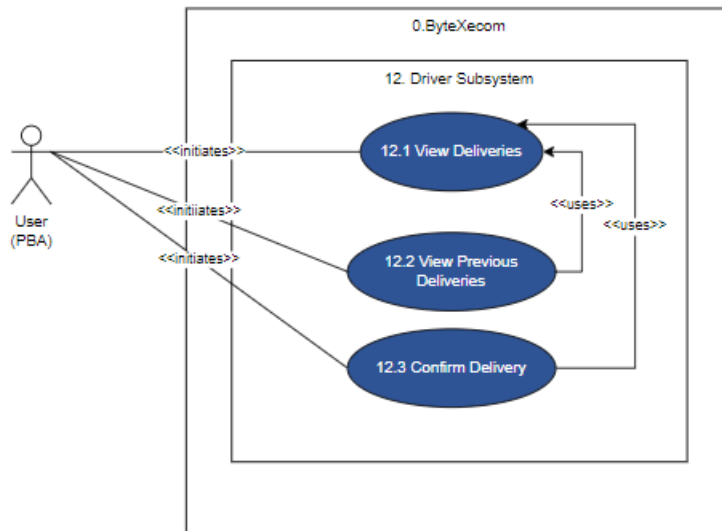
2.11. Supplier Subsystem

Figure 23 - Supplier Subsystem UCD



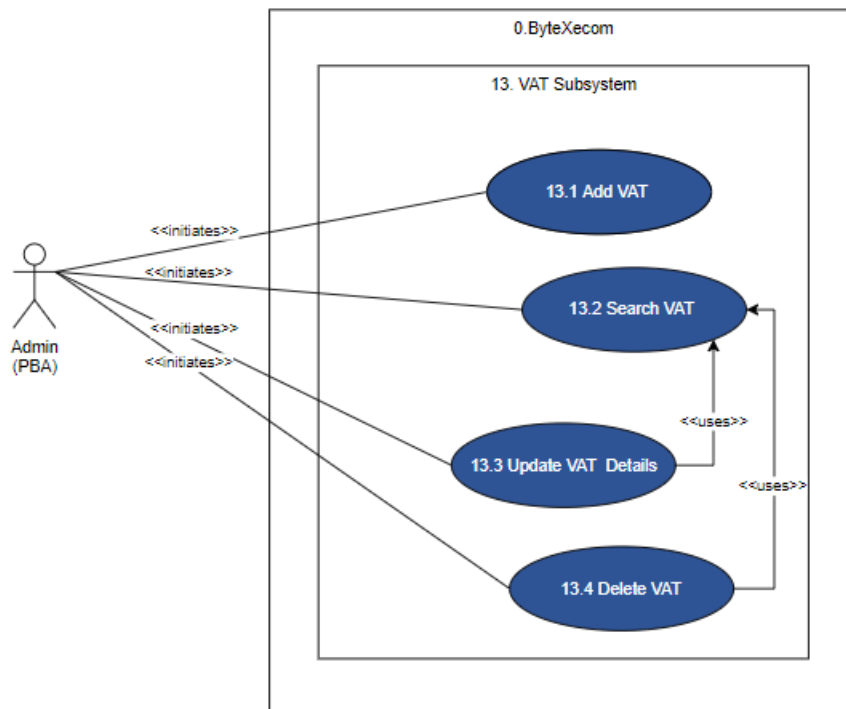
2.12. Driver Subsystem

Figure 24 - Driver Subsystem UCD



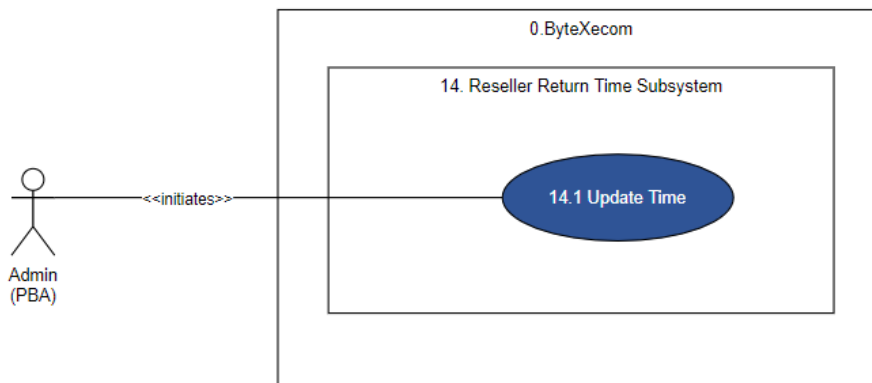
2.13. VAT Subsystem

Figure 25 - VAT Subsystem



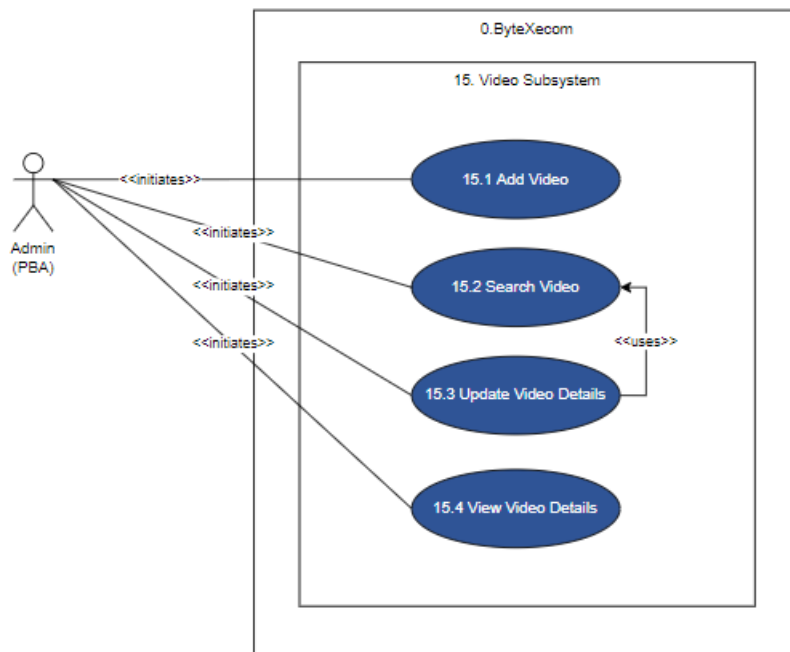
2.14. Reseller Return Time Subsystem

Figure 26 - Reseller Return Time Subsystem UCD



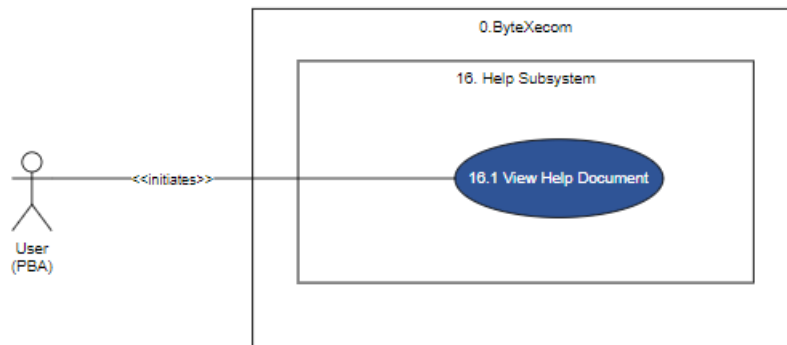
2.15. Video Subsystem

Figure 27 - Video Subsystem UCD



2.16. Help Subsystem

Figure 28 - Help Subsystem UCD



Conclusion

This concludes the use case diagrams section. It has provided a clear overview of all identified users that are to interact with the ByteXecom system, what other systems the ByteXecom system will interact with and all of the requirements to be catered for per subsystem.

3. Iteration Conclusion

In conclusion the compiled iteration detailed the final documentation for the design and development of the ByteXecom E-commerce system. The documents contained 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 our use cases.