



ByteXpress - Team 9

ByteXecom E-commerce System

Aphiwe Shoji

u19363967

u19363967@tuks.co.za

0827135234

Kyle van Eeden

u18035176

u18035176@tuks.co.za

0614700577

Nomusa Vumisa (GL)

u17254061

u17254061@tuks.co.za

0662254267

Ofhani Mungani

u18022571

u18022571@tuks.co.za

0766495693

Thenjiwe Ntsonda (PM)

u18139958

u18139958@tuks.co.za

0817473388

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

Jannes Janse van Rensburg

Email

jan2rens@gmail.com

Cellphone number

072 881 0004

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1. Iteration Introduction

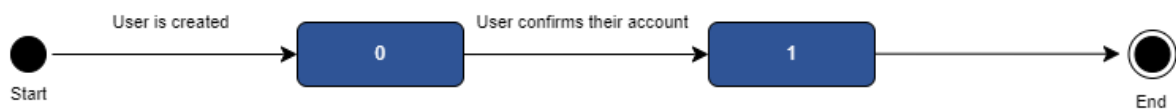
For this iteration the ByteXpress team have compiled a document that illustrates the collated system documentation of the final versions of all system design documentation for the ByteXpress E-commerce system.

2. State Diagrams

Introduction

In this section, the ByteXpress team modelled state diagrams for the following classes, the order class, the order query class, the payment class, the reseller payment settlement class, and the VAT class. These classes change based on activities carried out on the system.

2.1. Administrative Subsystem



2.2. Order Subsystem

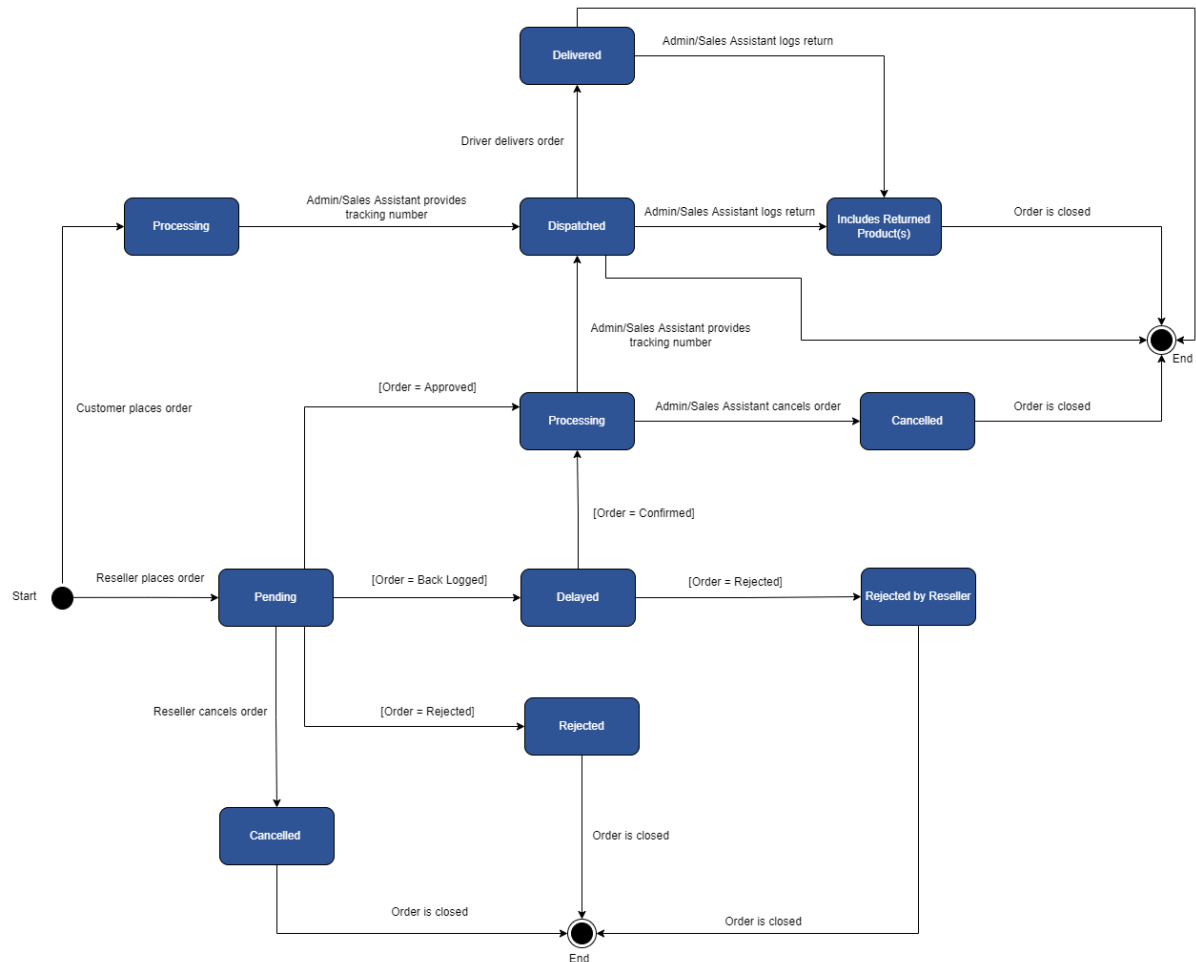


Figure 1 - Order State Diagram

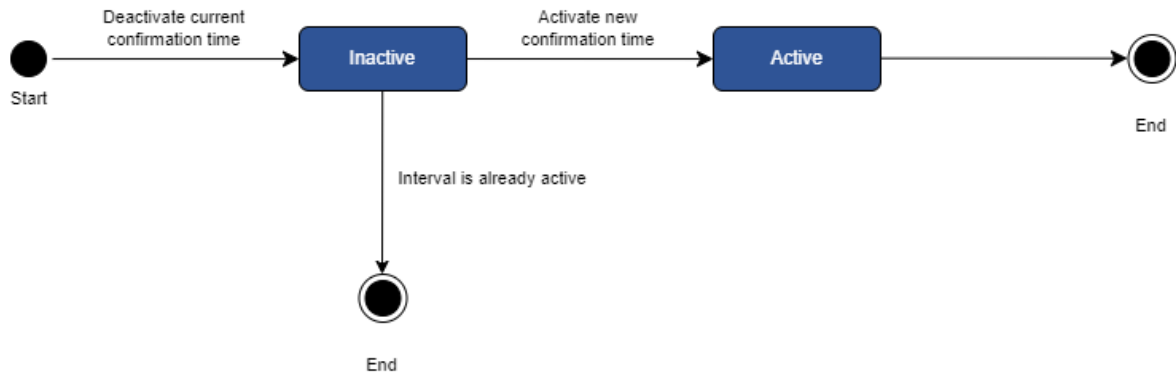


Figure 2 - Order Confirmation Time State Diagram

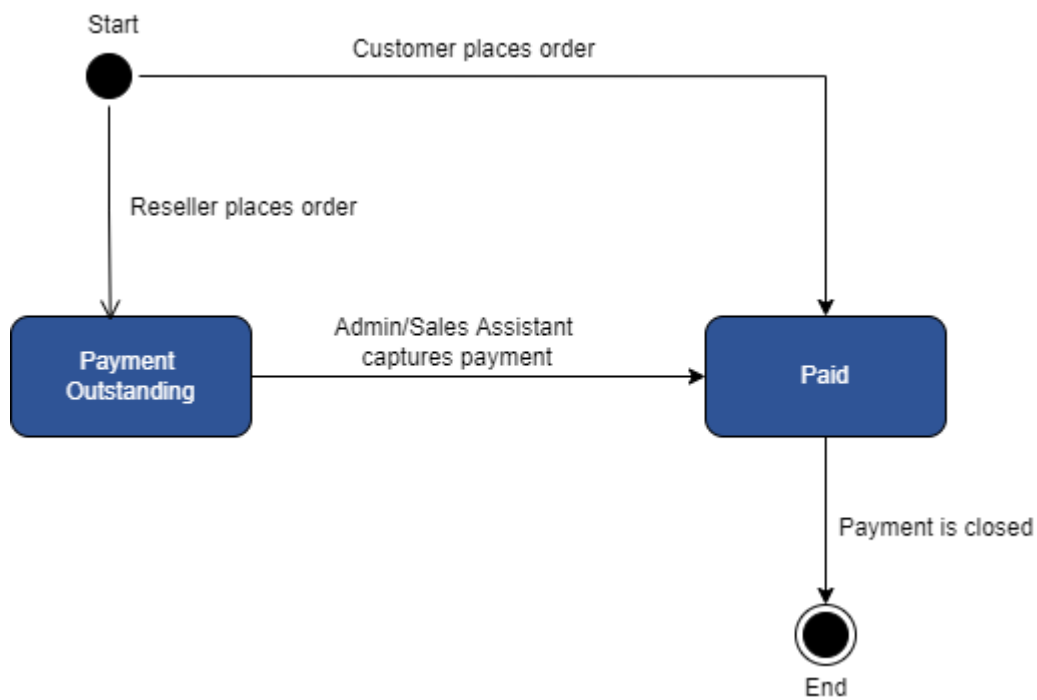


Figure 3 - Payment State Diagram

2.3. Query Reason Subsystem

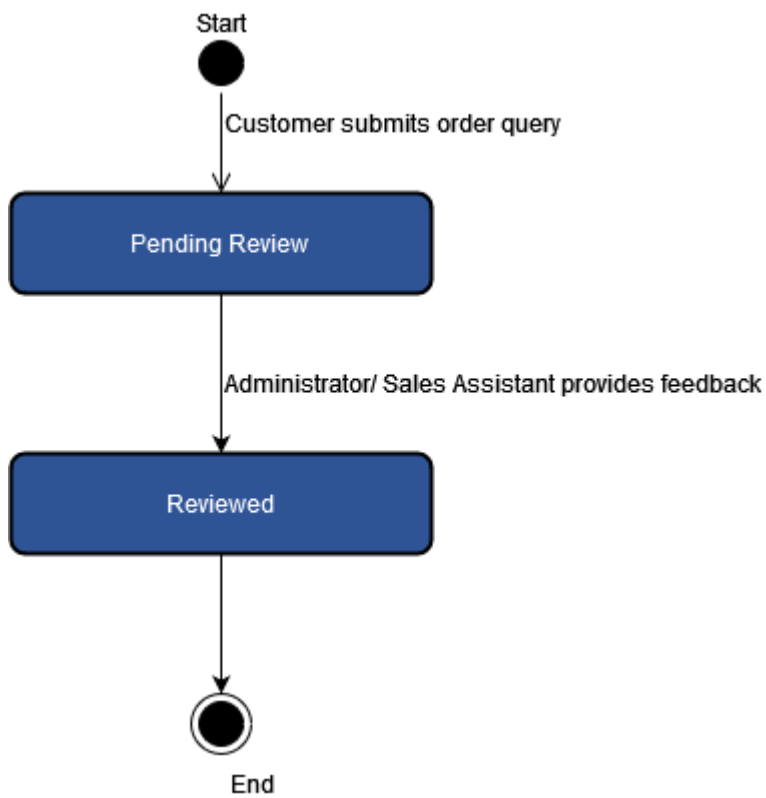


Figure 4 - Order Query State Diagram

2.4. VAT Subsystem

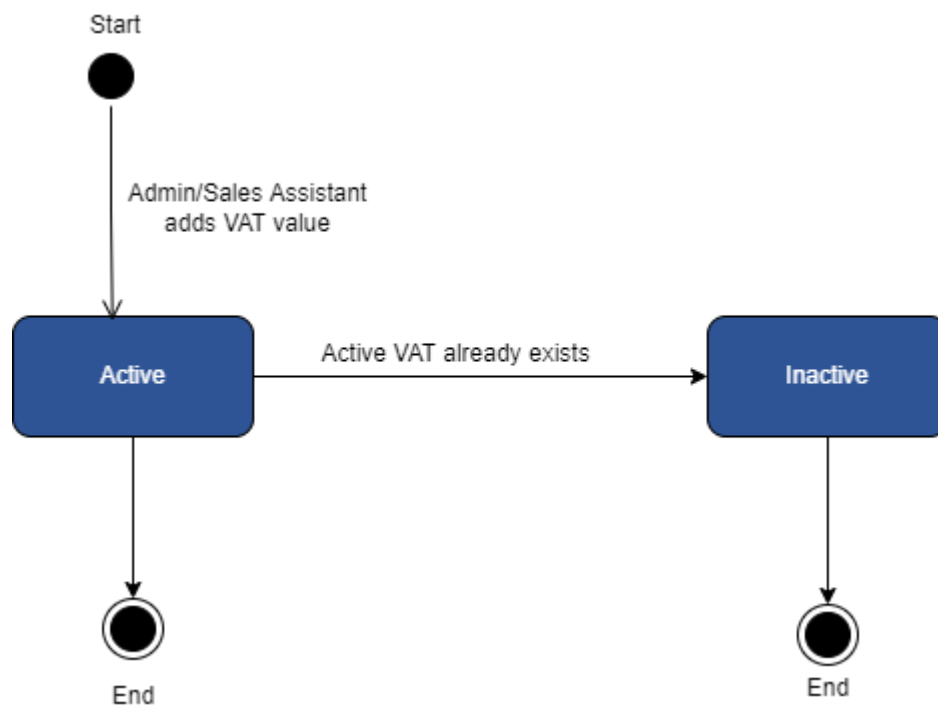


Figure 5- VAT State Diagram

2.5. Reseller Credit Settlement Time Subsystem

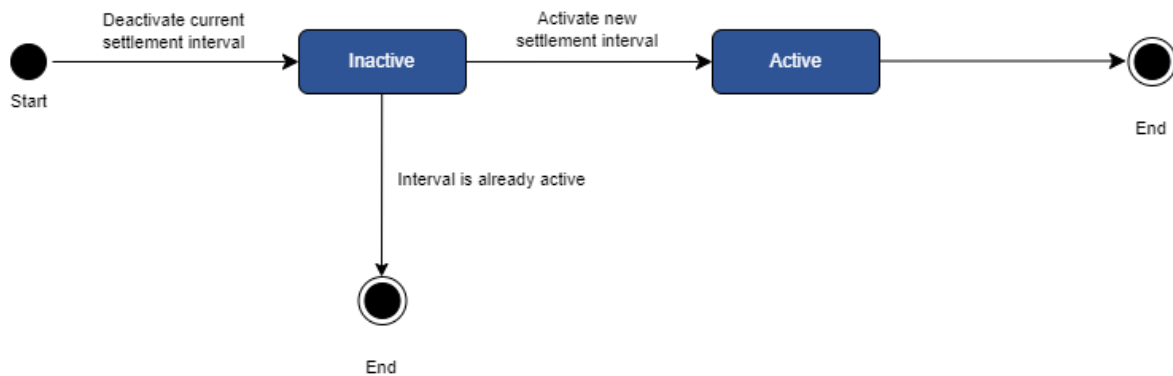


Figure 6 - Reseller Return Time State Diagram

Conclusion

This concludes the state diagrams modelled for the order class, the order query class, the payment class, the reseller payment settlement class, and the VAT class.

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.