



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 collated system documentation of the final versions of all system design documentation for the ByteXpress E-commerce system.

2. Conversion Plan

Introduction

In this section, the ByteXpress team describes the conversion plan process that will take place in order for the business processes to take place on the system without losing any of the system's original business processes.

For our client, Natuurlik, all their business processes have to be amended to fit the particulars of the system in terms of how business operations are conducted on a day-to-day basis. This includes how the product offerings will be advertised, how customer and reseller orders will be received and managed.

Planned Conversion Date: 05/10/2022

Conversion Facilitator: Jannes janse van Rensburg (System Owner)

Pre-Requisites:

- Extensive and thorough internal testing of the system before being deployed.
- Employee training is needed before the changeover initiates.
- Prepared data to be loaded into the ByteXecom system.

Hardware Requirements:

A desktop or laptop is required which meets the following minimum hardware requirements:

- At least 4 GB RAM
- 20 GB free hard drive space
- Ability to connect to the internet

Data Requirements:

The product catalogue has to be prepared and should adhere to the following format in JSON format:

Data prepared to be loaded into **ProductBrand** entity:

- BrandName (less than 50 characters)

Data prepared to be loaded into the ProductCategory entity:

- CategoryName (less than 50 characters)

To load into the **Product** entity:

- ProductName (less than 50 characters and no duplicates)
- ProductDescription (less than 50 characters)
- ProductImageURL (should point to an image that exists in the system's wwwRoot folder)
- ResellerPrice (any integer or decimal amount between 1 and 10000)
- CustomerPrice (any integer or decimal amount between 1 and 10000)
- ProductCategory (product category that has been defined in the ProductCategory entity)
- ProductBrand (product brand that has been loaded into the ProductBrand entity)

Conclusion

This concludes the conversion plan section of this document.

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.