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| **Business Requirements Document** |

The objective of this Business Requirements Document (BRD) is to establish clear communication between business process owners and Business Services Program Managers/ Application Services Project Managers while they jointly establish the capabilities needed to be delivered as part of the project. To this end, the requirements must be written so that both perspectives have a clear understanding of what is being proposed for delivery.

It will be used by the Business Analyst at the start of the project to determine effort required for delivering the capabilities, it will be used during design to ensure that all capabilities are included in the delivery, and it will be referenced by the test designers to ensure that all agreed capabilities are being delivered.

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| **Project Name: Sequentum data for Pricing EDW Consolidation**  **Business Unit**: **Global Tools & Storage**  **Program Manager: Glen Moser**  **Project Manager**: Amjad Mazhari |

**Document Revision History**

This section lists revisions for this Systems Requirements Specification and descriptions of particular changes made.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Version** | **Section/Page** | **Update Description** | **Contact Name** |
| 08-30-2022 | V1.0 |  | Initial Draft | Sheetal |
|  |  |  |  |  |
|  |  |  |  |  |

**Document Approval History**

The section provides a means of tracking the review and approval of this Systems Requirements Specification. This is also the list of who has authority to approve changes in the document.

| **Name** | **Project Role** | **Date** | **Responsibility** |
| --- | --- | --- | --- |
| Anand Thiravidamani | Build Lead |  | Approver |
| Paul Guardino |  |  |  |
|  |  |  |  |
|  |  |  |  |

## **General Overview**

Sequentum is a web-scraping vendor and they web-scrape data for SBD and competitors from many retailers including Amazon, Home Depot and Lowes etc. within US and globally as well. Some of the data they web-scrape are -

1. Pricing data
2. Product attribute and info
3. Inventory data
4. Ratings and reviews of products

Currently we have web-scraped data via Sequentum available for many retailers across multiple countries, stored within 200+ tables in Snowflake. **BUSINESS REQUIREMENT**

For the pricing EDW project – competitor product price perspective, business has identified the below tables from Sequentum to be included in the scope (we chose to consider 3 retailers - Amazon, Lowes, and Home Depot as part of this request;) -

1. **“SEQUENTUM"."PUBLIC”. AMAZON\_CA\_COMPR\_PRODUCTS**
2. **"SEQUENTUM"."PUBLIC"."HOMEDEPOT\_PRICING"**
3. **"SEQUENTUM"."PUBLIC"."LOWES\_PRICING"**
4. **"SEQUENTUM"."PUBLIC"."HOMEDEPOT\_COMPR\_PRODUCTS"**
5. **"SEQUENTUM"."PUBLIC"."LOWES\_COMPR\_PRODUCTS"**
6. **"SEQUENTUM"."PUBLIC"."AMAZON\_US\_COMPR\_PRODUCTS"**

Please note - This request for considering Sequentum data pertains to also consider swapping of the Euromonitor consolidation effort with Sequentum consolidation work. i.e Euromonitor source to be removed from the Statement of Work for EON and instead be replaced by Sequentum (tables outlined above).

Configuration (Data Dictionary) for the Sequentum tables in scope is shared below in the Appendix section of the document.

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| Outline Number | Scope | Description | Owner | Priority |
| BR\_1.0 | IN | **High Level Data Requirements:** At high level, we need to understand the data structures, profile and map the data into 1 EDW competitor pricing model from the below existing datasets within “Sequentum” schema (currently in Caspian) –   1. **AMAZON\_CA\_COMPR\_PRODUCTS (08.22 -Daily update pattern)** 2. **HOMEDEPOT\_PRICING (08.28 -Weekly update pattern)** 3. **LOWES\_PRICING (08.28 -Weekly update pattern)** 4. **HOMEDEPOT\_COMPR\_PRODUCTS (8.16 – weekly update pattern)** 5. **LOWES\_COMPR\_PRODUCTS (8.18 -Daily update pattern)** 6. **AMAZON\_US\_COMPR\_PRODUCTS (08.29 -Daily update pattern)** | GTS | H |
| BR\_1.1 | IN | Physical consolidation into PROD\_EDW database consolidated schema – The physical table structure should match with the model that was signed off by SBD, as a result of the business requirement BR\_1.0 | GTS | H |
| BR\_1.2 | IN | All SBD Caspian data development best practices should be adhered to | GTS | M |

# **Assumptions / Dependencies / Constraints (optional)**

The scope of this request is in replacement to Euromonitor consolidation work.

## APPENDIX A

**Configuration files for the Sequentum Datasets in Scope**

