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| **Project Charter** | | | |
| **Project Name** | IST 722 Group Project Assignment – Fudgefilx & Fudgemart | | |
| **Project Description** | Creation of implementation of a DW with BI applications for Fudgemart, Inc. | | |
| **Project Manager** | **Keith Kunz** | **Date Approved** | **5/3/2020** |
| **Project Sponsor(s)** | **Jack O'Connor**  **Tajudeen Abdulazeez** | **Signature** |  |
| **Business Case** | | **Expected Goals/Deliverables** | |
| Creating a centralized DW will allow Fudgemart Inc. to leverage the data within its subsidiaries to gain business intelligence and novel insights into their data. This will allow Fudgemart Inc. to increase their revenues by better understanding their customers, vendors, products, and help recognize any synergies between their subsidiaries. It will also reduce costs by consolidating data platforms and reducing IT time required to data analytics tasks. | | **Goals:**  5 business processes that bring value  Gain Business Intelligence  Reduce IT workload  Increase Revenue | |
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| **Deliverables:**  Project Charter  High Level Dimensional Model  Detailed Dimensional Model  SQL Implementation  Initial ETL | |
| **Team Members** | |
| **Name** | **Role** |
| **Keith Kunz** | **PM** |
| **Jack O’Conner** | **Data Administrator** |
| **Tajudeen Abdulazeeze** | **ETL Developer** |
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| **Risks and Constraints** | | **Milestones** | |
| Quality of the source data unknown | Project Sponsor buy in and communication with leadership | Project Document and Charter | 05/03/2020 |
| Project team inadequate | Inadequate budget | High-level dimensional modeling worksheet | 05/10/2020 |
| End user proficiency | Scope unclear | Detail-level dimensional modeling worksheet; SQL implementation; Initial ETL | 05/31/2020 |
| Amount of data may not show issues in the DW |  | Presentation | 06/07/2020 |
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# **Business Requirements**

Business users should be able to access data from either entity, fugdemart or fudgeflix, from anywhere on the corporate network. Business users should be able to access data that allows them to perform analysis and drive revenue, cost savings, product management and potential cross selling opportunities.

This data warehouse should enable the generation of reports in the area of sales in order to make decisions about which products to discontinue and which to market more. It will also provide information that aid in the decision process of giving our key customers the shortest shipping times possible and ensuring their orders are correct. The data warehouse will integrate data from both FudgeMart and FudgeFlix and will provide information on product popularity, frequency of order, and lag time from order date to ship date.

# **Functional Requirements**

How many DVDs were Queued?

How long did accounts keep titles after shipping?

How long does it take to ship out an order after it is placed?

How much of product X did we sell?

What is our best selling product?

What is our most popular title?

Are popular titles kept for a longer period of time than unpopular titles?

How much product do we keep on hand?

How frequently is product X being ordered?

Do certain customers get their orders sooner than others?

Do we have any customers from FudgeMart that have accounts in FudgeFlix?

# **Business processes (related to above questions)**

1. Sales.

2. Product reviews.

3. Product inventory analysis.

4. Sales coverage analysis.

\*5. Order fulfillment.

# \*we selected business process 5 for integration across both fudgemart and fudgeflix.

# **Business Process Selected for integration implementation**

Facts:

Order Date

Shipped Date

Return Date

Lag time

Returned Time

Company

Dimensions:

FM/FF Customer

Date

FM/FF Product

# **Comments**

As this project is implemented, one or more of the goals, deliverables and/or business process may be updated or redefined. A change control with signs offs of team members and sponsors will be required if any changes are made to the project and therefore the project charter.