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| --- | --- | --- | --- |
| **Project Charter** | | | |
| **Project Name** | IST 722 Group Project Assignment – Fudgeflix & Fudgemart | | |
| **Project Description** | Centralizing the data warehouses into one for Fudgeflix and Fudgemart for sales reporting | | |
| **Project Manager** | Courtney Zimmer | **Date Approved** |  |
| **Project Sponsor(s)** | Fudgemart and Fudgeflix CIOs | **Signature** |  |
| **Business Case** | | **Expected Goals/Deliverables** | |
|  | | Requirements | |
| Fudgemart Inc wants to consolidate its resources to build a BW/BI solution for improved analytics of it’s business operations. | | Have a single source of information to deliver a BW/BI solution of sales reporting from Fudgemart/Fudgeflix consumers. | |
|  | |  | |
|  | | Deliverables  Dimensional Modeling worksheet  Detail level  High level  SQL implementation  Initial ETL  Consolidated Sales Reporting BW/BI Tool | |
| **Team Members** | |  | |
| **Name** | | **Role** | |
| **Courtney Zimmer** | **Project manager** |  | |
| **Kathi Fox** | **Team member** |  | |
| **Aaron Talley** | **Business Analyst** |  | |
| **Dane Lyons** | **Database Developer** |  | |
|  |  |  | |
| **Risks and Constraints** | **Milestones** |  | |
| **Stage 1** | **Initiation and elaboration** |  | **Charter** |
|  |  |  | **Project Planning** |
|  |  |  | **Technical Requirements** |
|  |  |  | **Choose hardware/software** |
| **Stage 2** | **Construction** |  | **Configure DW foundation** |
|  |  |  | **Load data** |
|  |  |  | **Build and Test** |
|  |  |  | **Initial ETL** |
|  |  |  | **Complete system testing** |
| **Stage 3** | **Transition to production** |  | **Migrate to Production** |
|  |  |  | **Analyze and report deployment status** |

**Business Requirements**

IT standards and compliance

Source system restrictions

User needs

Budget, resource and time constraints

Security

Expected performance

# **Functional Requirements**

Users from both companies were surveyed about their use and operations. Fudgemart data is focused on retail sales while Fudgeflix sales is comprised solely of video membership subscriptions. Sales data will be aggregated to allow analysis and reporting of customer behavior. This can be achieved by pulling customer and sales data from the 2 different data warehouses and conditioning the data to allow consolidated reporting.

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

1. Sales Reporting

2. Customer Satisfaction Reporting

3. Product Inventory

4. Order Fulfillment

5. Customer Geographic Concentrations

# **Business Process Selected for integration implementation**

Customer Satisfaction Reporting

# \*we selected business process of customer satisfaction reporting for integration across both Fudgemart and Fudgeflix. We will be looking at the product review stars and the movie ratings in both databases to assess which products/titles have the highest ratings amongst our customers and which genre of product our customers prefer.

# **Comments**

A detailed resource plan can be provided during Planning phase