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| **Project Charter** | | | |
| **Project Name** | IST 722 Group Project Assignment – Fudgeflix & Fudgemart | | |
| **Project Description** | Create a data warehouse merging the order fulfillment process for Fudgeflix and Fudgemart | | |
| **Project Manager** | Prof. Humayun Khan | **Date Approved** |  |
| **Project Sponsor(s)** | Prof. Humayun Khan | **Signature** |  |
| **Business Case** | | **Expected Goals/Deliverables** | |
| We are a tiger team assigned to handle the merger of Fudgemart and Fudgeflix. | | **Requirements** | |
| The business has requested that we generate an integrated data warehouse to merge the data between the two entities. | | Merge existing data from fudgeflix and fudgemart databases into a new data warehouse. | |
| The business would like to gather insights on customers shared across both businesses units. | | Existing databases cannot be modified. | |
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|  | | **Deliverables** | |
| **Team Members** | | High level dimensional model | |
| **Name** | **Role** | Detailed dimensional model | |
| **Mike DeMaria** | Data Analyst | Fully developed staging and data warehouse databases | |
| **Chaeyeon Kim** | Data Analyst | Fully functional ETL process | |
| **Akash Malde** | Data Analyst | Executive presentation of insights gleaned from the data warehouse | |
| **Robert Walsh** | Data Analyst |  | |
|  |  |  | |
| **Risks and Constraints** | | **Milestones** | |
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# **Business Requirements**

Merge the data from fudgeflix and fudgemart into one data warehouse.

Consolidate customers, sales, order fulfillment and customer reviews across both lines of business.

# **Functional Requirements**

The data warehouse should merge and consolidate the data from both lines of business into one unified data set.

Create an ETL process to move data from the source systems (fudgemart/fudgeflix) into the data warehouse.

Business users must be able to analyze order data, including sales, shipping and reviews, across both lines of business.

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

1. Sales - An order/sale is made (FF/FM)

2. Order Fulfillment - A product is shipped (FF/FM)

3. Customer Review - A customer leaves a review (FF/FM)

4. Returns - A product is returned (FF)

5. Payroll - An employee submits a timesheet (FM)

# \*we selected business process (2) for integration across both fudgemart and fudgeflix.

# **Business Process (selected from above) for integration implementation**

**Facts**

Order date, Order shipped, Fulfillment Time (Days)

**Dimensions**

Order Date. Shipped Date

# **Comments**