IST 722 Project Charter – Group 4T

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| **Project Charter** | | | | |
| **Project Name** | IST 722 Group Project Assignment – Fudgeflix & Fudgemart | | | |
| **Project Description** |  | | | |
| **Project Manager** | **Snehal Ghatpande** | | **Date Approved** |  |
| **Project Sponsor(s)** | **Humayun Khan** | | **Signature** |  |
| **Business Case** | | | **Expected Goals/Deliverables** | |
| The aim of the project is to integrate information from FudgeMart & FudgeFlix to streamline the business process for order fulfillment, analyze and identify the patterns to improve sales and provide recommendations to enhance business and increase customer satisfaction. | | | **Requirements:**  To provide insightful analysis to Fudge Corporation through interactive dashboards. | |
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|  | | | **Deliverables:**   1. Project Charter 2. High-level Dimensional Modeling 3. Detail-level Dimensional Modeling 4. Data Warehouse on SQL Server 5. ETL implementation on SSIS 6. Business Intelligence Reports 7. Project Team Meetings | |
| **Team Members** | | |  | |
| **Name** | | **Role** |  | |
| **Snehal Ghatpande** | | **Project Manager** |  | |
| **Rehan Fakir** | | **BI Analyst** |  | |
| **Dishank Solanki** | | **Data Engineer** |  | |
| **Heer Thaker** | | **BI Architect** |  | |
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| **Risks and Constraints** | | | **Milestones** | |
| **1** | **Co-ordination problem due to members in different areas and working virtually** | | **10/08/2020** | Project document |
| **2** | **Problems connecting to RemoteLab** | | **10/29/2020** | High-level dimensional modeling worksheet |
| **3** | **Lack of skills or experience working with tools** | | **11/12/2020** | Detail-level dimensional modeling worksheet and SQL implementation and ETL implementation on SSIS |
| **4** | **Lack of project plan/strategy** | | **12/03/2020** | Final Project |
| **5** | **Inaccurate mapping of source and target data** | |  |  |
| **6** | **Complex data transformations** | |  |  |
| **7** | **Complex BI reports** | |  |  |
| **8** | **Falling behind on project schedule, and thus hampering the time, scope and quality constraints of the project** | |  |  |
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# **Business Requirements**

1. Increase overall sales
2. Increase business profitability
3. Increase product rating and customer satisfaction
4. Better manage the product demand and supply
5. Enhance the efficiency of the delivery process

# **Functional Requirements**

1. Determine which products are sold most and in which state
2. Determine top(target) customers and corresponding suppliers to improve business
3. Improve the company’s performance by analysing customer feedback
4. Determine product availability in inventory
5. Determine the order status and track the days elapsed between order date and shipping date

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

1. Product\_Sales
2. Target\_Audience\_Supplier – Finding the target audience based on which product is sold most in which region and the list of top customers for that product category(department) and top supploers for that product
3. Order Fulfilment and delivery
4. Customer feedback
5. Inventory Analysis

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

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

Facts

Sales

Dimensions

Product

Customer

Date

Suppliers

# **Comments**