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| **Project Charter** | | | |
| **Project Name** | IST 722 Group Project Assignment – Fudgeflix & Fudgemart | | |
| **Project Description** | Sales Analysis of Fudgeflix & Fudgemart | | |
| **Project Manager** |  | **Date Approved** |  |
| **Project Sponsor(s)** | **Professor Khan** | **Signature** |  |
| **Business Case** | | **Expected Goals/Deliverables** | |
| **Sales Analysis** | | Requirements | |
|  | | 1.Shopping Behaviors analysis  2.Revenue Reporting | |
|  | |  | |
|  | |  | |
|  | | Deliverables | |
| **Team Members** | | **Charter Document**  **High-Level Dimensional Worksheet**  **Detail- level Dimensional Worksheet** | |
| **Name** | **Role** | **ROLAP Schema generated from worksheet** | |
| **Gabe Herz** |  | **ETL documentation with Tables** | |
| **Hongdi Li** |  | **Populate Data and MOLAP** | |
| **Avery Curcio** |  | **PowerPoint** | |
| **Nancy Shih** |  |  | |
| **Risks and Constraints** | | **Milestones** | |
|  |  | **Milestone 01** | **Project document** |
|  |  | **Milestone 02** | **High-level dimensional modeling worksheet** |
|  |  | **Milestone 03** | **Detail-level dimensional modeling worksheet** |
|  |  | **Milestone 04** | **ROLAP schema generated from worksheets** |
|  |  | **Milestone 05** | **ETL documentation** |
|  |  | **Milestone 06** | **Populated data accuracy** |
|  |  | **Milestone 07** | **MOLAP – provide access** |
|  |  | **Milestone 08** | **Presentation PowerPoint** |

# **Business Requirements**

Analyze sales in FudgeFlix and FudgeMart

# **Functional Requirements**

Look specifically at the following tables: FF accounts, FF account billing, FF plans, FM Orders, FM Order Details, FM Products.

FF accounts details what customers have accounts and account billing shows what plan the account has. We reference that to ff plans to see how much each customer with an account is paying.

FM orders shows the products ordered and who ordered it. Order Details shows how much was ordered and FM Products shows the price.

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

1. Sales Reporting in FF

2. Sales Reporting in FM

3. Order Fulfillment

4. Payroll Analysis

5. Customer Reviews

# \*we selected business process (1 and 2) for integration across both fudgemart and fudgeflix.

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

\*\*Need 1-2 measures and 2-3 dimensions for Project \*\*

Facts

**Revenue, Costs**, Quantity, Price

Dimensions

**Date, Product, Customer**, Employee (maybe)

# **Comments**

FF accounts, FF account\_billing, FF plans, FM Orders, FM Order Details, FM Projects