Kimball Lifecycle Proposal Template

CIS 9440 - Data Warehousing for Analytics

Final Project Milestone 1

Group Number - 12

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This Proposal is the beginning of your semester-long Final Project. The goal of the project is to develop a working Data Warehouse using a commercial database management system. Your project will use data from at least 2 sources, dimensionally model the data inside your Data Warehouse, and connect to a Business Intelligence application to produce valuable, actionable insights.

For motivation on project ideas, search for public datasets that interests you and your group. Then, think about how these datasets (maybe combined with other datasets) could address a problem or opportunity. Below are just a few (of many) public data sources:

1. Kaggle
2. NYC Open Data
3. Opendata.gov
4. Gapminder
5. Zillow
6. NOAA Climate Data
7. Google’s public datasets

**Data Warehouse Project Title:**

**Motivation for Project idea:**

**Description of the issues or opportunities the project will address:**

**Business Justification:**

High-level Business Initiative:

BI Sponsors and Stakeholders (who will own this project?)

What’s the Business Value?

How long will this take? How much will this cost?

**Technical Justification:**

Which data sources do we already have for this project?

Dataset 1:

Dataset 2:

...

What new data sources do we need (if any)?

Dataset 1:

Dataset 2:

Is the data we have conformed, consistent, and current? (data quality)

What technical skills will we need to complete this project?

Will we need any new types of technologies?

**Key Performance Indicators (KPI’s) your Data Warehouse will display:**

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.