Project Proposal: Project Management Inventory Database System

1: Business Description

The main purpose of this project is to create a database for a service company to manage their project to control inventory trajectories and quantities to reduce costs, maximize returns, and increase the business value of the organization's data assets. Project Management services also strive to control the timing of inventory, the uncertainty of demand and supply availability, and overall economies of scale. The database that is to be created will contain records of the stores for the warehouse, suppliers providing the requirements, store contractors, and employees database with multi-dimensional background to function the overall operation and details of the suppliers.

This system will be helpful in the following ways:
- The Project managers will be able to manage the overall operation efficiently.
- Client will be able to oversee and keep track of the inventory management
- It will help produce various management reports to reduce the costs
- Tracking of supply will be easier using this system
- The system will help achieve strong performance metrics

We have assumed the following:
- Franchise of new stores are to be put in operation in a city.
- We are overseeing the inventory management aspect of the project that is the launch of new stores proposed for one client but this system can be duplicated if required.
- The store managers are responsible to monitor the inventory of the products the company offers.

2: Problem Statement

To provide a service it's difficult for a project manager to keep track of multiple requirements of the client in an optimum way. It is troublesome to manually keep a track of the supplies, the inventories required, employee's prerequisite, employees hired, budget and overall expenses. It is challenging for a project manager to monitor the details at micro-managing level.

Project Managers strive to control the timing of inventory, the uncertainty of demand and supply availability, and overall economies of scale. Physical records are not completely reliable to operate in optimal way. Project managers must personally work to prepare the manager reports.

3: Proposed Solution

Database management solutions enable users to securely, efficiently, and swiftly share data throughout an organization. A data management system offers quicker access to more accurate data by quickly responding to database requests. Data-based decisions are only as good as the data utilized to support them. Higher-quality information is produced by better data management practices, which improves decision-making throughout a company. It is used to generate different management reports for optimizing and reducing costs

4:Users

The primary consumers of this product are the project managers who'll be using it for easier access of their ongoing service launch. They'll be able plan and monitor the inventory, the employees, and the stores involved in the launch. The clients can also access this database to oversee the budget of the inventory. The store owner can access and edit all the data in the database while, The store managers can use this database to get the overall store details like the employees that need to be hired, their salary budget, their work description, etc. They can also refer to the contactors details to manage and supervise the store construction.

5: Potential Entities and Attributes

STORE
- Store ID
- Store location
- Store zip code
- Store phone no.

EMPLOYEES
- Employee ID

- Employee salary
- Name
- Address
- Email
- Zip code
- Employee type
- Employee store ID

INVENTORY

- Inventory id
- Inventory items
- Inventory type
- Inventory description
- Inventory cost

SUPPLIER

- Supplier ID
- Supplier item type
- Supplier mobile
- Supplier email
- Supplier address
- Supplier type
- Supply cost