

Group 5 Project proposal

Team members

Hemanth

Dheeraj Arumulla

Manasa Jagati

Justin Taylor

Demeke Nurgi

Summary

The purpose of this project is to design, develop, and implement a robust database system tailored for a pizza delivery business. The system aims to streamline and enhance various aspects of the business operations, including order management, customer information, inventory control, and delivery tracking.

Objective

The database system will contribute to increased efficiency, improved customer satisfaction, and better decision-making processes.

Data

Entities/data to be used:

We are capturing the following entities based on the dataset for NYC Restaurants data food ordering and delivery([NYC Restaurants Data - Food Ordering and Delivery \(kaggle.com\)](https://www.kaggle.com/datasets/nyctldata/nyc-restaurant-data-food-ordering-and-delivery))

Customer:

Attributes: CustomerID (Primary Key), Name, Address, Phone, Email, etc.

Order:

Attributes: OrderID (Primary Key), OrderDate, TotalAmount, PaymentStatus, DeliveryStatus

Pizza:

Attributes: PizzaID (Primary Key), Name, Size, Price, Ingredients, etc.

DeliveryPerson:

Attributes: DeliveryPersonID (Primary Key), Name, Phone, VehicleNumber, etc.

Location/branch(for Pizza Store location)

Attributes(StoreNumber(primary Key), Manager, etc)

PizzaTopping:

Attributes: ToppingID (Primary Key), ToppingName, Price, etc.

Employees :

Attributes:

DeliveryConfirmation(OrderID, DriverID,Date, Time, Picture)