Coffee Shop Management App

*“The Database is made with the aim of managing the process and work at a Coffee Shop, much easier and efficiently”*

GROUP 3

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**Introduction**

Coffee shops are a type of business that come in all sizes, yet their system structure is largely the same. Furthermore, most people have been to coffee shops at least once in their lives. So,

this makes it easy to identify entities with details from our memory. As a coffee shop management system contains a variety of business functions, it is a good starting point to learn how to build larger and more advanced business databases.

**Problem Statement**

Just like any other business in the modern world, coffee shops also need as much data as they can get to evaluate their performance and advance their sales. Creating a simple database storing sales data of coffee shops facilitates analyzing the data to generate business insight for business growth. Such a database can keep their sales data regarding what they sell, the quantity of products they sell, store, or order for sustainable management of resources. This can help the managers with their inventory decision-making and business strategies.

**Solution**

Our database is advanced enough to facilitate with processing order and payment data as well as the products. That includes details like prices, products, categories, orders and the relationship between all of the related entities so more precise data can be derived from the database. The database focuses on helping to manage orders and sales activity by colecting relevant data.

**Requirements**

* Order Management.
* Table Management.
* Customer Information (Collect information for reservation purposes).
* Product and Inventory Management/ Tracking.
* Categorization of Product.
* Payment Management (made by the customer).
* Revenue Management (How much money did the store/ cafe made ? - Profit/ revenue generated).

**ERD – *E*ntity *R*elationship *D*iagram *( All members)***

Diagram

Description automatically generated

**Data Dictionary *( All members)***

A picture containing table

Description automatically generated