Artwork/Project Title

Online Food Purchasing Database

Year Accomplished

2022

Role/Position

Data Engineer

Publication Link

https://bit.ly/Database_foodGojek

Artwork/Project Description

As part of my group database project, I designed a comprehensive database for an online food purchasing system using MySQL. The project posed several challenges, particularly in breaking down the data to ensure compliance with UNF to BCNF rules. I had to constantly re-learn each rule in every phase of the project and put in a lot of hard work to achieve the desired outcome. In the end, my efforts paid off as the final result of the database design was a 100% success. This project taught me the importance of attention to detail, persistence, and the value of hard work. I am proud of this project and confident in my ability to tackle complex database design projects.

Figure 1 Example of Functional Dependecy

Figure 2 TrasactionDetail Table

Figure 3 Query for Create Database

Figure 3 Query for Insertion

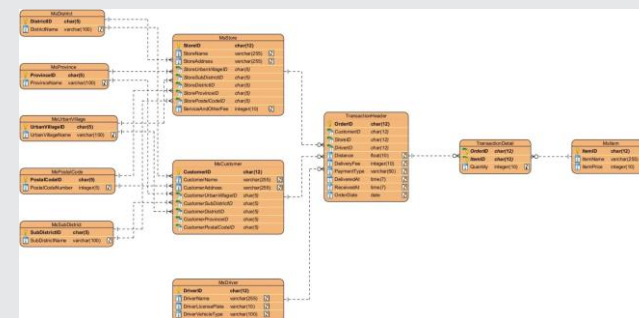*Figure 4 Query Output Example*

Figure 5 Entity Relationship Diagram
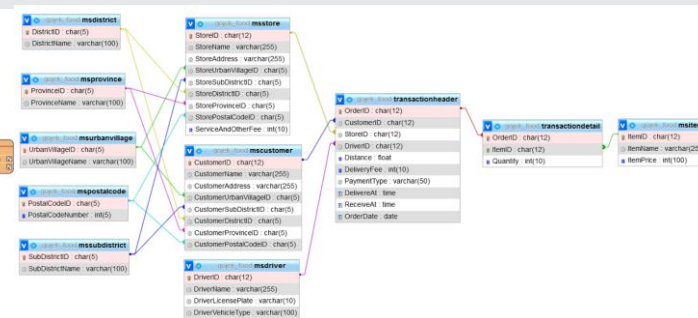
Figure 6 MySQL Database Structure

Belinda Mutiara

BINUS Students 5ᵗʰ Semester

belinda.mutiara@binus.ac.id

phone: 0812 8308 7870
line: belinda.mutiara
linkedin: www.linkedin.com/in/belinda-mutiara

Portfolio Submission for

BINUS Internship Track 2024