
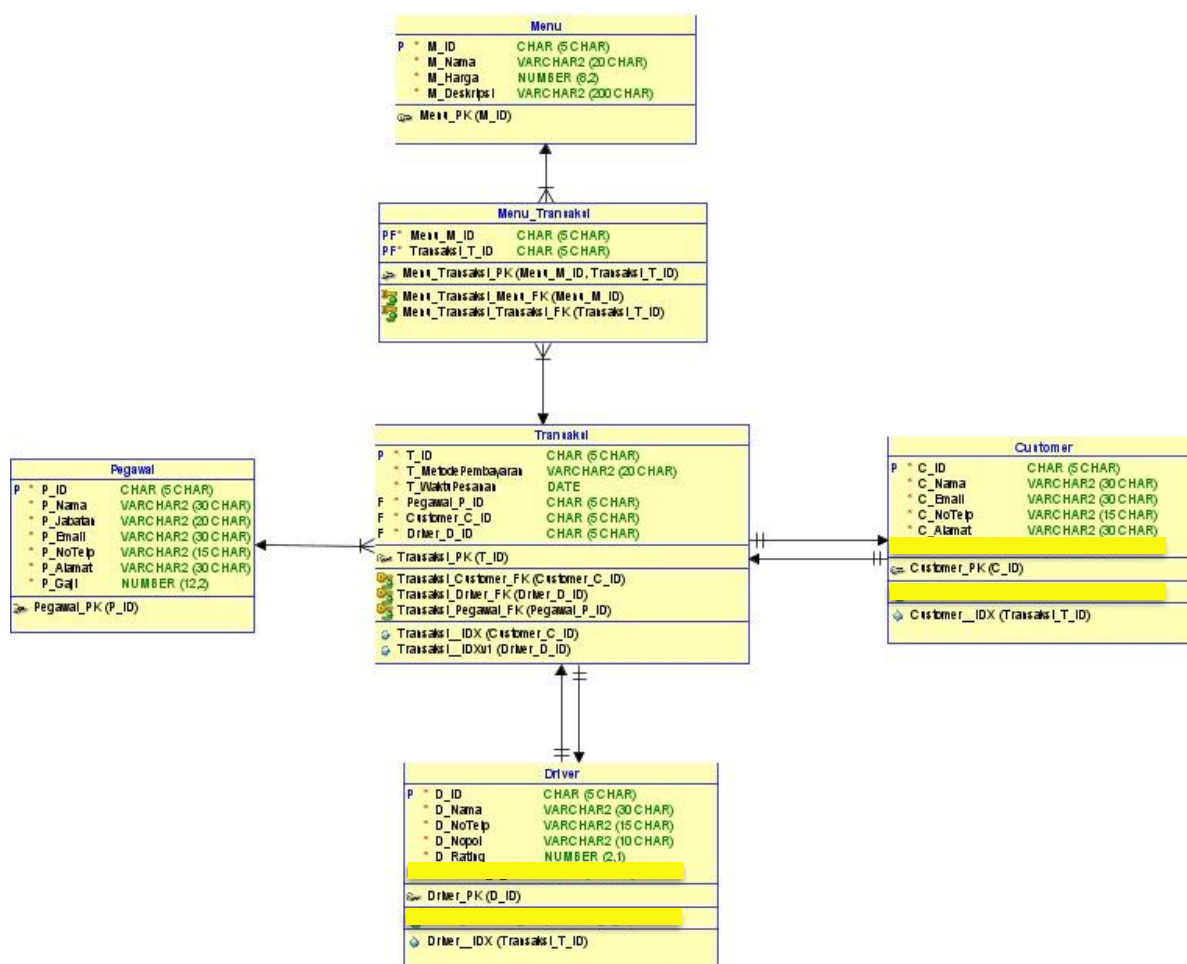


		<div><h1>SOAL PRAKTIKUM MODUL 3</h1><p>Departemen Teknik Informatika Fakultas Teknologi Elektro dan Informatika Cerdas Institut Teknologi Sepuluh Nopember</p></div> <div></div>			
TA 2023/2024 Semester Gasal					
Mata Kuliah	:	Sistem Basis Data (EF4104)	Waktu	:	13.40 – 15.20 (100 menit)
Hari, Tanggal	:	Kamis, 30 November 2023	Lokasi	:	Teknik Informatika
Materi Modul	:	Kueri	Sifat Ujian	:	Open Catatan
Dosen	:	Tim Dosen Sistem Basis Data			

PDM



Note:

- PDM is created using Oracle Data Modeler

Use this file in working on the problem!

- MYSQL: https://drive.google.com/file/d/16Jg-x1qefO-o0ZcNuM94-na_J8DfZ2Us/view?usp=drive_link

Use the following format to answer the questions!

<https://its.id/m/FormatJawabanPraktikum3SBD>

Create a query to get the information requested by each question!

1. Santi wants to buy a menu, and she only has 15,000. Also, make sure that the food does not contain chicken, both in terms of name and menu description, as she is allergic.
2. Display the list of menus that Lisa Davis has ever purchased and the amount of money she has spent. Hint: Use GROUP_CONCAT to display menu data in one cell.
3. Display the total price and the number of menus in each transaction. Sort by the highest number of menus, then the highest total price.
4. Display drivers who have a rating above average.
5. Display the number of transactions made per day. Display by sorting from the latest order time to the oldest order time.
6. Display the types of employees, the number of employees, and the average salary for each type.
7. It turns out that this business is owned by Ms. Nuri from Nuri's Coffee Shop, and now she wants to appreciate her employees. Help Ms. Nuri obtain data on her favorite employees, where she needs to know how many customers have chosen each employee as their favorite (meaning, from all the transactions that the customer has done, it is mostly served by that employee). Sort the results based on the employees who have won the hearts of the most customers.
8. Calculate Ms. Nuri's income for this month (November). She wants to calculate her total income, with the following details:
 - Debit Card and Credit Card transactions (with a 5% deduction)
 - Cash transactions (no deduction)

Ms. Nuri's profit is 40% of this calculation. What is Ms. Nuri's profit for November?

9. Are the number of transactions and the total income on weekends (Saturday and Sunday) greater than on weekdays? Calculate the difference in the number of transactions between weekdays and weekends, as well as the difference in income between weekdays and weekends. Hint: Use the DAYOFWEEK() function where Saturday is assigned the value 7 and Sunday is assigned the value 1. Negative differences are allowed.

selisih_transaksi	<u>selisih_pendapatan</u>
	

10. Calculate the total number of delivered menus for each driver! Sort based on the highest number of menus.