**Tabel Relasional**

*Relational Table*

**Snopy**

**Snopy** is a famous stationery store which has many **branches** in Indonesia. **Snopy** provides **transaction** for every **customer** who wants to **buy** stationery, such as pencils, books, etc. Each transactionwill be handled by a **staff**. Here is the **Entity Relationship Diagram (ERD)** of **transaction** in **Snopy:**

Graphical user interface, application, Word

Description automatically generated

**Soal**

*Case*

1. Create a **view** named '**DisplayStaffData**' to display **StaffName**, **StaffGender**, **StaffAddress**, **StaffSalary**, and **StaffPhoneNumber** for every staff whose **salary** is **between 7000000 and 10000000**.

(**create view, between**)

Graphical user interface, text, application, chat or text message

Description automatically generated

1. Display **StaffName**, **StaffEmail**, **StaffSalary**, and **StaffPhoneNumber** for every **staff** who has handled **transaction in August**.

(**exists, month**)

Graphical user interface, text, application, website

Description automatically generated

1. Display **StaffID**, **StaffName**, **StaffAddress**, and **Transaction Count** (obtained from the **number of transactions**) for every staff whose **name** consists of **more than 2 words**. Then **combine** it with **StaffID**, **StaffName**, **StaffAddress**, and **Transaction Count** (obtained from the **number of transactions**) for every staff who was born in the **third quarter of the year**.

(**count, like, group by, union, datepart, quarter**)

Table

Description automatically generated

1. Display **PurchaseID**, **PurchaseDate**, **BranchName**, **Total Quantity** (obtained from the **total quantity of the products bought** in the transaction) for every transaction which **ID** number is **odd** and occurred **more than 15 months after 1st August 2021**.

(**sum, join, right, datediff, month, group by**)

Table

Description automatically generated

1. Display **StaffID**, **StaffName**, **PurchaseID**, **PurchaseDate**, **ProductName**, **ProductPrice** for every transaction which occurred on **Wednesday** and was handled by **staff** whose **salary** is **more than the average of all staff salaries**.

(**alias subquery, avg, datename, weekday**)

Table

Description automatically generated