## Tabel Relasional

*Relational Table*

**JeNT**

**JeNT** is one of the largest logistic distribution companies in Indonesia with hundreds of branches across the country. **JeNT** offers several different delivery type services which varies in delivery time, and prices. Furthermore, each **JeNT** **customer** can send their packages to **multiple destinations** in a single transaction as long as they have the same origin and each transaction is handled by a **staff**.

Diagram

Description automatically generated

Figure ERD

## Soal

*Case*

1. **Create** a **table** named ‘**MsCourier’** with the following description:

(**CREATE TABLE**, **LIKE**)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| **CourierId** | CHAR | 5 | * **Primary** key. * CourierId must be **started with ‘CR’** and **consists of 3 digits number**   Example: CR001. |
| **CourierName** | VARCHAR | 25 | * **Cannot be empty** |
| **CourierPhone** | VARCHAR | 12 | * **Cannot be empty**. * **CourierPhone** must be **starts** with ‘08’ |

1. **Add** ‘**StaffPosition**’ as **new** **column** on **MsStaff** **table** with **varchar** data type and the length is **20**. **After that**, **add** a **constraint** to **MsStaff table** to validate that ‘**StaffSalary**’ must be **lower than 10000000**.

(**ALTER TABLE**, **ADD**, **ADD CONSTRAINT**)

Text

Description automatically generated

1. **Insert** these data into **MsCustomer table**:

(**INSERT**)

Table

Description automatically generated

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CustomerId** | **CustomerName** | **CustomerDOB** | **CustomerPhone** | **CustomerAddress** |
| **CU006** | **Grace** | **2001-04-15** | **083847592091** | **Hayam Wuruk Boulevard** |

Table

Description automatically generated

1. Display **CustomerId**, **CustomerName**, **CustomerDOB**, **CustomerPhone**, **CustomerAddress** for every customer whose **address** **ends** with ‘ **Street**’ (include **space** in front of Street word).

(**LIKE**)

Graphical user interface, text, application

Description automatically generated

1. **Update** **CustomerName** from **MsCustomer table** for every customer who had perform any **transaction** on the **25th day** of the month into ‘**John Doe**’.

(**UPDATE, DAY**)

**Before** update**:**

Table

Description automatically generated

**After** update:

Table

Description automatically generated