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| **Project – External Document** |  |
| ISYS6123003  Introduction to Database Systems |
| [Even] Semester 2 Year 2022 |

* Project Title

**Baki Meal Prep**

* Introduction

In the final project for the database lab course, we created a simple database system. The project system that we created is called "Baki Meal Prep" which is a given problem that must be done with the applicable practicum system. In the final project, we created an ERD to make it easier to see the relationship between one entity and another through a table. Next, we make a query for the table along with the data to be entered. After the existing tables and data were entered, we were asked to simulate the transaction process. Here, we make simple story questions and from the story questions the data will be entered into the database that was created earlier. then we were asked to answer the 10 cases given.

* Report / Documentation

1. ERD

Diagram

Description automatically generated

1. Create Table

Graphical user interface, text, application, email

Description automatically generated

1. Insert Data

Text

Description automatically generated

1. Transaction Process Simulate

Soal cerita:

* CustomerID CS001 melakukan transaksi dengan Staff ST001 untuk membeli PM003 sebanyak 2 buah pada tanggal 10-08-2021 di cabang ALSUT RB001 dengan purchase transaction ID PC030.
* CustomerID CS004 melakukan transaksi dengan Staff ST003 untuk membeli PM005 sebanyak 4 buah pada tanggal 12-08-2021 di cabang PIK RB002 PC032 dengan purchase transaction ID PC032.
* CustomerID CS 010 melakukan transaksi dengan staff ST004 untuk membeli PM 002 sebanyak 6 buah pada tanggal 26-08-2021 di cabang Grogol RB003 dengan purchase transaction ID PC035.

Graphical user interface, application

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1. Case 1

Graphical user interface, text, application

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Table

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1. Case 2

Graphical user interface, text, application

Description automatically generated

Graphical user interface, table

Description automatically generated

1. Case 3

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Graphical user interface, text, application

Description automatically generated

1. Case 4

Text

Description automatically generated

Table

Description automatically generated

1. Case 5

Graphical user interface, text, application, Word

Description automatically generated

Table

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1. Case 6

Graphical user interface, text, application

Description automatically generated

Table

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1. Case 7

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface

Description automatically generated

1. Case 8

Graphical user interface, text, application

Description automatically generated

Table

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1. Case 9

Graphical user interface, text, application

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Table

Description automatically generated

1. Case 10

Graphical user interface, text, application

Description automatically generated

Table

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* Reference
* <https://docs.microsoft.com/en-us/sql/t-sql/functions/cast-and-convert-transact-sql?f1url=%3FappId%3DDev15IDEF1%26l%3DEN-US%26k%3Dk(CONVERT_TSQL)%3Bk(sql13.swb.tsqlresults.f1)%3Bk(sql13.swb.tsqlquery.f1)%3Bk(MiscellaneousFilesProject)%3Bk(DevLang-TSQL)%26rd%3Dtrue&view=sql-server-ver16>
* <https://docs.microsoft.com/en-us/sql/t-sql/functions/substring-transact-sql?view=sql-server-ver16>
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