


Assignment Case	
ISYS6169 ISYS6279 ISYS6280 T0206 Database Systems	
Information Systems	O213-ISYS6169-DJ01-01
<i>Valid on Odd Semester Year 2020/2021</i>	Revision 00

1. Seluruh mahasiswa tidak diperkenankan untuk:

All students are not allowed to:

- Melihat sebagian atau seluruh jawaban mahasiswa lain,
Seeing a part or the whole answer from other student
- Menyadur sebagian maupun seluruh jawaban dari buku,
Adapted a part or the whole answer from the book
- Mendownload sebagian maupun seluruh jawaban dari internet,
Downloading a part or the whole answer from the internet,
- Mengerjakan soal yang tidak sesuai dengan tema yang ada di soal,
Working with another theme which is not in accordance with the existing theme in the matter of the case,
- Melakukan tindakan kecurangan lainnya,
Committing other dishonest actions,
- Secara sengaja maupun tidak sengaja melakukan segala tindakan kelalaian yang menyebabkan hasil karyanya berhasil dicontek oleh orang lain / kelompok lain.
Accidentally or intentionally conduct any failure action that cause the results of the project was copied by someone else / other groups.

2. Jika mahasiswa terbukti melakukan tindakan seperti yang dijelaskan butir 1 di atas, maka **nilai mahasiswa** yang melakukan kecurangan (menyontek maupun dicontek) akan di – **NOL** – kan.

If the student is proved to the actions described in point 1 above, the score of the student which committed dishonest acts (cheating or being cheated) will be "Zero"

3. Perhatikan jadwal pengumpulan jawaban, segala jenis pengumpulan jawaban di luar jadwal tidak dilayani.

Pay attention to the submission schedule, all kinds of submission outside the schedule will not be accepted

4. Persentase penilaian untuk matakuliah ini adalah sebagai berikut:

Marking percentage for this subject is described as follows:

Tugas Mandiri <i>Assignment</i>	Proyek <i>Project</i>	UAP <i>Final Exam</i>
30%	40%	30%

5. Software yang digunakan pada matakuliah ini adalah sebagai berikut:

Software will be used in this subject are described as follows:

Software <i>Software</i>
SQL Server Management Studio 18.5.1 SQL Server Developer 2019 Microsoft Office 365 Visual Paradigm Community Edition 16.1

6. Ekstensi file yang harus disertakan dalam pengumpulan tugas mandiri dan proyek untuk matakuliah ini adalah sebagai berikut:

File extensions should be included in assignment and project collection for this subject are described as follows:

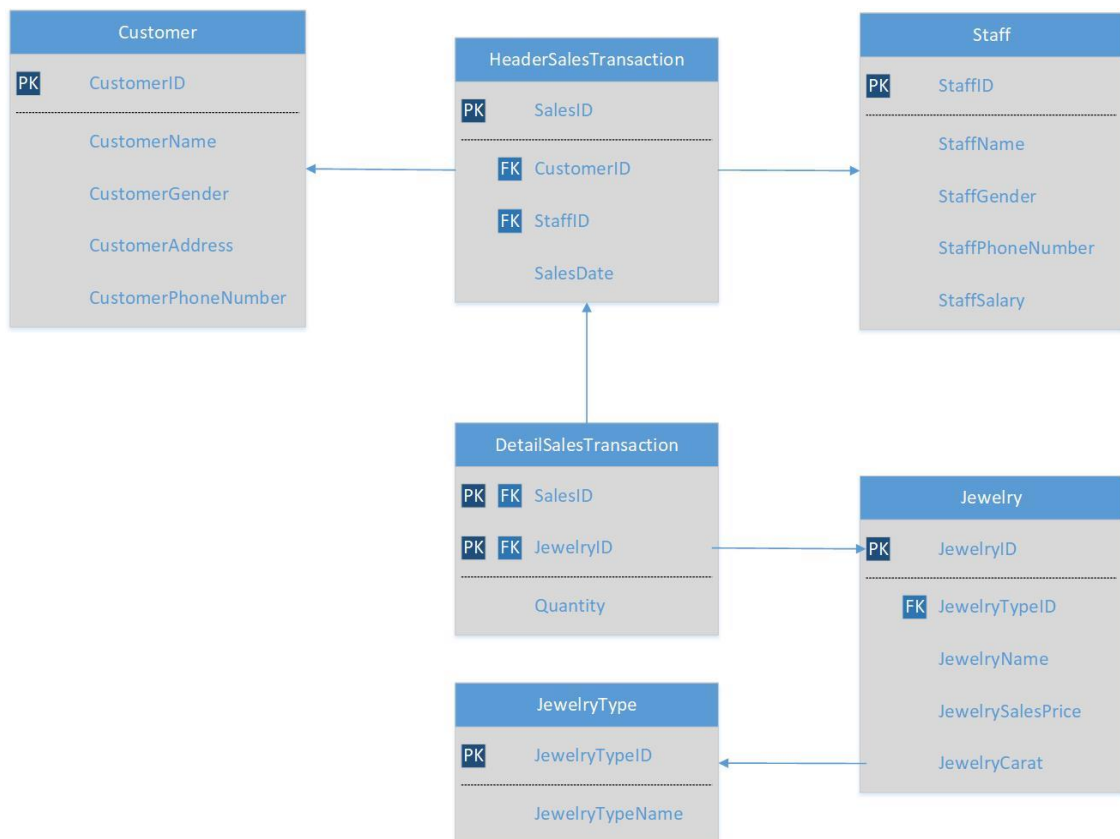
Tugas Mandiri <i>Assignment</i>	Proyek <i>Project</i>	UAP <i>Final Exam</i>
SQL	SQL, VPP, Image Files (JPG / PNG)	SQL

Tabel Relasional

Relational Table

D'Jewelry Shop

D'Jewelry Shop is a new established jewelry shop in Jakarta. **D'Jewelry Shop** provides many kinds of jewelry like necklaces, rings, etc. **D'Jewelry Shop** also provides **sales transaction** for every **customer** that wants to buy **jewelry** and handled by a staff. The customer can buy more than one jewelry in a single transaction.



Soal*Case*

1. Create a table named '**Vendor**' with the following description:

(create table, like)

Field Name	Data Type	Length	Description
VendorID	CHAR	5	Primary Key. VendorID must be started with ' VE ' and followed by 3 characters of number. Example: VE001
VendorName	VARCHAR	50	Cannot be empty. VendorName must more than 5 characters.
VendorVolume	VARCHAR	50	Cannot be empty.

2. Add 'CustomerEmail' as new column on **Customer** table with varchar (50) data type and add a constraint on **Customer** that CustomerEmail must be contains '@'.

(alter table, add, add constraint, like)

	CustomerID	CustomerName	CustomerGender	CustomerAddress	CustomerPhoneNumber	CustomerEmail
1	CU001	Novelia Amata	Male	Redhawk Street	087812443123	NULL
2	CU002	Gerry Abuda	Male	Kapolrasa Street	087875194227	NULL
3	CU003	Ronaldo Rossie	Male	Kebon Jeruk Street	088875194157	NULL
4	CU004	Jennie Bluepink	Female	Adajika Street	081234432111	NULL
5	CU005	Rose Amarta	Female	Quaryas Street	081234194757	NULL
6	CU006	Agustina	Female	Green Street	088108085656	NULL
7	CU007	Agustono	Male	Kaloea Street	081233212222	NULL
8	CU008	Neneng Ramarja	Female	Bobasa Street	082156567777	NULL
9	CU009	Momo Twise	Female	Shibuya Street	081211770032	NULL
10	CU010	Rossie Marco	Male	Alogada Street	088112125314	NULL

3. Insert these data into Customer table:

(insert)

Customer		
PK	CustomerId	CHAR(5)
	CustomerName	VARCHAR(50)
	CustomerGender	VARCHAR(50)
	CustomerAddress	VARCHAR(50)
	CustomerPhoneNumber	VARCHAR(50)

CustomerId	CustomerName	CustomerGender	CustomerAddress	CustomerPhoneNumber
CU011	Priocesa	Female	Kalao Street	085678123876

4. Display CustomerName(obtained from CustomerName in lowercase format), CustomerPhoneNumber and CustomerAddress for every customer whose gender is male.

(lower)

	CustomerName	CustomerPhoneNumber	CustomerAddress
1	novelia amata	087812443123	Redhawk Street
2	gerry abuda	087875194227	Kapolrasa Street
3	ronaldo rossie	088875194157	Kebon Jeruk Street
4	agustono	081233212222	Kalao Street
5	rossie marco	088112125314	Alogada Street

5. Delete **Staff** for every staff whose has serve customer with id is CU006.
(delete, like)

Before delete:

	StaffID	StaffName	StaffGender	StaffPhoneNumber	StaffSalary
1	ST001	Elisa Dargsosa	Female	085750941221	4000000
2	ST002	Hengky Santosa	Male	088898781234	4400000
3	ST003	Teddy Bearando	Male	082134556614	3200000
4	ST004	Miyayando	Male	088833331221	3800000
5	ST005	Angelica Wino	Female	084321568756	2000000
6	ST006	Jessica Amaro	Female	088146758332	2000000
7	ST007	Nando Redondo	Male	088864723816	5000000
8	ST008	Victoria Ana	Female	088345871699	3500000
9	ST009	Jiso Redpink	Female	081264789825	4300000
10	ST010	Valen Valantia	Female	081257839247	5300000

After delete:

	StaffID	StaffName	StaffGender	StaffPhoneNumber	StaffSalary
1	ST001	Elisa Dargsosa	Female	085750941221	4000000
2	ST002	Hengky Santosa	Male	088898781234	4400000
3	ST003	Teddy Bearando	Male	082134556614	3200000
4	ST004	Miyayando	Male	088833331221	3800000
5	ST005	Angelica Wino	Female	084321568756	2000000
6	ST006	Jessica Amaro	Female	088146758332	2000000
7	ST008	Victoria Ana	Female	088345871699	3500000
8	ST009	Jiso Redpink	Female	081264789825	4300000
9	ST010	Valen Valantia	Female	081257839247	5300000