|  |  |
| --- | --- |
| **Assignment Case** |  |
| ISYS6169 | ISYS6169001  Database Systems |
| **Information Systems** | **O223-ISYS6169-LC03302-01** |
| ***Valid on*** *Odd Semester Year 2021/2022* | **Revision 00** |

1. Seluruh mahasiswa tidak diperkenankan untuk:

*All students are not allowed to:*

* + - Berdiskusi dan/atau bekerja sama dengan mahasiswa lainnya

*Discuss and/or work together with other student participants*

* + - Melihat sebagian atau seluruh jawaban mahasiswa lain

*Seeing a part or the whole answer from another student*

* + - Membuka dan menyalin dari **BUKU** atau **CATATAN**, **VIDEO** dari pengajar (recording kelas, VBL, Youtube, dsb) dan **REFERENSI** lainnya

*Open and copy from any resources such as notes, videos (class recording, VBL, Youtube, etc) and other references*

* + - Membuka dan menyalin jawaban dari internet (google, stackoverflow, dsb)

*Open and copy answer from the internet (google, stackoverflow, etc)*

* + - 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.*

1. 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”*

1. 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*

1. Bila Anda tidak membaca peraturan ini, maka Anda dianggap telah membaca dan menyetujuinya

*If you have missed to read these regulations, so you are considered to have read and agreed on it*

1. Persentase penilaiaan untuk matakuliah ini adalah sebagai berikut:

*Marking percentage for this subject is described as follows:*

|  |  |  |
| --- | --- | --- |
| **Tugas Mandiri**  *Assignment* | **Proyek**  *Project* | **UAP**  *Final Exam* |
| 30% | 30% | 40% |

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

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

|  |
| --- |
| **Software**  *Software* |
| SQL Server Management Studio 18.5.1  SQL Server Developer 2019  Microsoft Office 365  Visual Paradigm Community Edition 16.1 |

## Ekstensi file yang harus disertakan dalam pengumpulan tugas mandiri, proyek, dan uap 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**  *Assignment* | **Proyek**  *Project* | **UAP**  *Final Exam* |
| SQL | SQL, VPP, Image Files (JPG / PNG) | SQL |

**Tabel Relasional**

*Relational Table*

**League Shop**

**League Shop** is a new League of Legends card shop in Jakarta. **League Shop** provides many kinds of hero cards like Irelia, Azir, etc. **League Shop** provide **sales** **transaction** for every **user** who wants to buy card from **supplier**. The user can buy more than 1 card in single transaction.

Diagram

Description automatically generated

## Soal

*Case*

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

(**create table**, **like**, **in**)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Length** | **Description** |
| StaffID | CHAR | 5 | Primary Key. StaffID must be started with ‘**ST**’ and followed by 3 characters of number.  Example: ST002 |
| StaffName | VARCHAR | 20 | Cannot be empty. |
| StaffPosition | VARCHAR | 50 | Cannot be empty. StaffPosition must be between Manager, Accountant, or Technical Staff. |

1. Add ‘**SupplierPhoneNumber**’ as new column on **MsSupplier** table with varchar (15) data type and add a constraint on **MsSupplier** that SupplierPhoneNumber must be started with ‘**+62**’.

(**alter table**, **add**, **add constraint**, **len**)

Table

Description automatically generated

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

(**insert**)

|  |  |  |
| --- | --- | --- |
| **Customer** | | |
| **PK** | **CardID** | **CHAR(5)** |
|  | CardName | VARCHAR(25) |
|  | CardHealth | INT |
|  | CardPower | INT |
|  | CardPrice | INT |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CardID** | **CardName** | **CardHealth** | **CardPower** | **CardPrice** |  |
| CD014 | Irelia | 2 | 3 | 35000 |  |

1. Display UserName, UserEmail, UserGender for every user whose birth year is **2001**.

(**year**)

Graphical user interface, text, application, email

Description automatically generated

1. Update **UserGender** to ‘**Male**’ for every user who has made a transaction with supplier which id is ‘**SP004**’.

(**update**, **like**)

**Before** update:

**Table

Description automatically generated**

**After** update:

**Table

Description automatically generated**