


Soal Praktikum <i>Practicum Case</i>	
ISYS6028 Database Systems	
Teknik Informatika <i>Computer Science</i>	O221-ISYS6028-DW01-08
Periode Berlaku Mulai Semester Ganjil 2021/2022 Valid on <i>Odd Semester Year 2021/2022</i>	Revisi 00 <i>Revision 00</i>

Learning Outcomes

- Apply database language and SQL Programming language
- Evaluate database processing and security Mechanism

Topic

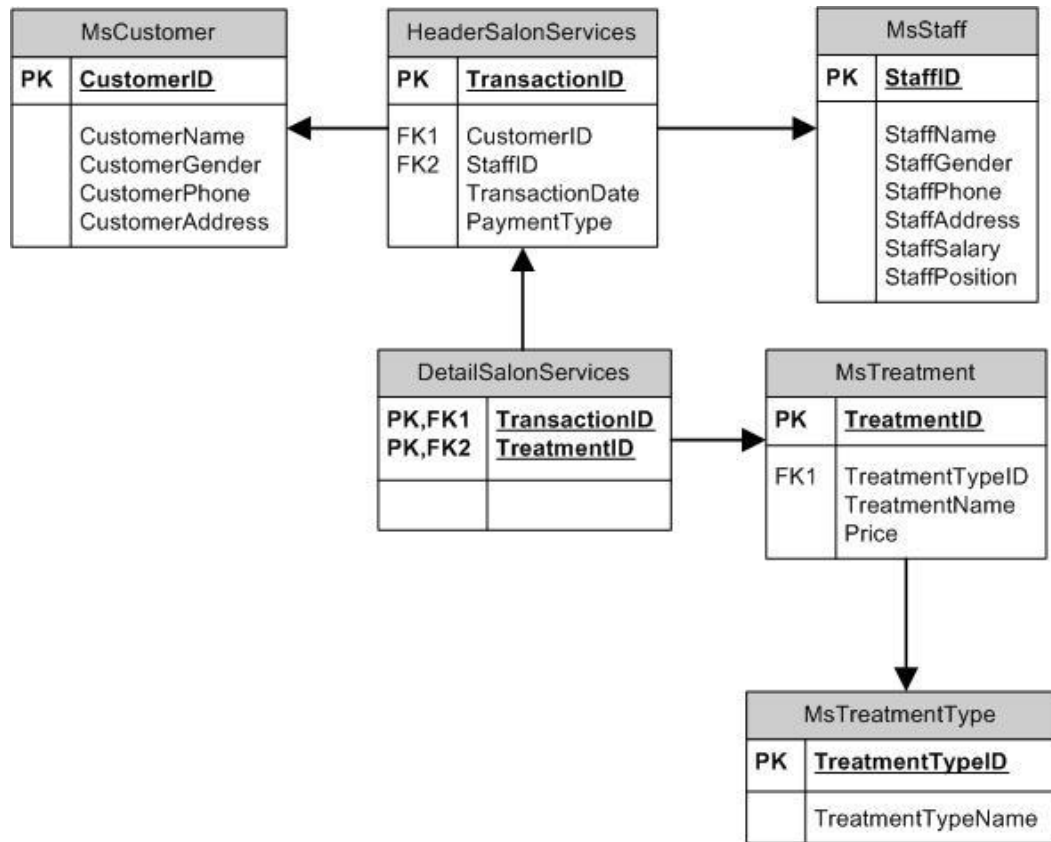
- Session 08 - SQL –Data Definition (2)

Sub Topics

- Create and Update View
- Dropping Views
- Access control : **GRANT** and **REVOKE** command

Tabel Relasional

Relational Table

**Sintaks**

Syntax

GRANT

```
GRANT { ALL [ PRIVILEGES ] }  
    | permission [ ( column [ ,...n ] ) ] [ ,...n ]  
    [ ON [ class :: ] securable ] TO principal [ ,...n ]  
    [ WITH GRANT OPTION ] [ AS principal ]
```

REVOKE

```
REVOKE [ GRANT OPTION FOR ]  
    {  
        [ ALL [ PRIVILEGES ] ]  
        |  
        permission [ ( column [ ,...n ] ) ] [ ,...n ]  
    }  
    [ ON [ class :: ] securable ]  
    { TO | FROM } principal [ ,...n ]  
    [ CASCADE ] [ AS principal ]
```

CREATE USER

```
CREATE USER user_name  
    [  
        { FOR | FROM } LOGIN login_name  
    ]  
    [ WITH DEFAULT_SCHEMA = schema_name ]  
[ ; ]
```

DROP USER

```
DROP USER user_name
```

Soal

Case

1. Create login named 'ManagerUser'.
(**create login**)
2. Create user named 'Manager' for ManagerUser login.
(**create user**)
3. Create login named 'EmployeeUser'.
(**create login**)
4. Create user named 'Employee' for EmployeeUser login.
(**create user**)
5. Remove update privilege on **MsStaff** table from Manager.
(**revoke**)
6. Give all privileges on **MsTreatment** table to public.
(**grant**)
7. Give insert, update, delete privileges to Manager on **MsStaff** table and the manager can give privilege to another user.
(**grant, with grant option**)
8. Give select privilege on **MsTreatmentType** table to Manager.
(**grant, to**)
9. Remove all privileges on **MsTreatment** table from public.
(**revoke**)
10. Remove update privilege on **MsStaff** table from Manager.
(**revoke**)