

UTS PRAKTIKUM SISTEM DATABASE 1



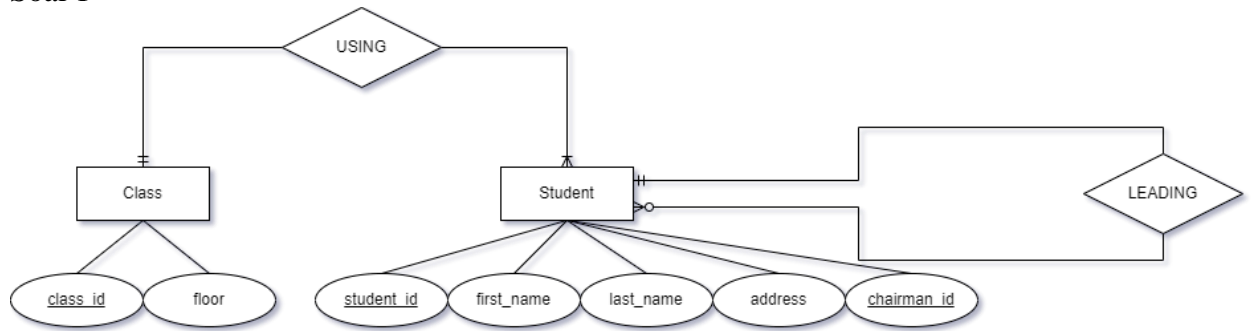
Disusun Oleh:

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**PROGRAM STUDI S-1 TEKNIK INFORMATIKA
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
UNIVERSITAS PADJADJARAN
JATINANGOR**

2022

1. Soal 1



2. Soal 2

```

mysql> CREATE database uts; #Prames-59
Query OK, 1 row affected (0.03 sec)

mysql> CREATE TABLE student(
    -> student_id int NOT NULL,
    -> first_name varchar(15) NOT NULL,
    -> last_name varchar(25) NOT NULL,
    -> birth_date date NOT NULL,
    -> address varchar(30),
    -> PRIMARY KEY (student_id)
    -> );
Query OK, 0 rows affected (0.06 sec)

mysql> #Prames-59
    
```

3. Soal 3

```

mysql> ALTER TABLE student ADD gender char(1);#Prames-59
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> ALTER TABLE student CHANGE address addr varchar(40);#Prames-59
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
    
```

4. Soal 4

```

mysql> INSERT INTO student VALUE (
    -> 210012,
    -> "Asep",
    -> "Suherman",
    -> "1984-04-22",
    -> "Saturn St.",
    -> "L"
    -> );#Prames-59
Query OK, 1 row affected (0.02 sec)
    
```

```
mysql> INSERT INTO student VALUE (
-> 210024,
-> "Agus",
-> "Budiyana",
-> "1992-11-15",
-> "Margahayu St.",
-> "L"
-> );#Prames-59
Query OK, 1 row affected (0.03 sec)
```

```
mysql> INSERT INTO student VALUE (210036, "Entis", "Wijaya", "1988-02-02", "Yani St.", "L");#Prames-50
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO student VALUE (210048, "Rohana", "Ningsih", "1993-09-01", "Gatsu Ave.", "P");#Prames-50
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO student VALUE (210060, "Lilis", "Kania", "1989-07-17", "Turangga Blvd.", "P");#Prames-50
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO student VALUE (210072, "Dedi", "Ginanjari", "1980-02-25", "Cinunuk", "P");#Prames-50
Query OK, 1 row affected (0.01 sec)
```

5. Soal 5

```
mysql> SELECT * FROM student WHERE (first_name like 'A%' and last_name like 'B%');#Prames-59
+-----+-----+-----+-----+-----+-----+
| student_id | first_name | last_name | birth_date | addr          | gender |
+-----+-----+-----+-----+-----+-----+
|      210024 | Agus      | Budiyana  | 1992-11-15 | Margahayu St. | L      |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.01 sec)

mysql> UPDATE student SET last_name="Sutisna" WHERE student_id="210036";#Prames-59
Query OK, 1 row affected (0.03 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```