

**NAMA : ROHANI**

**NIM : SI19220033**

**SOAL**

**1. Tentukan atribut beserta entitas nya**

**a. User (entitas)**

**Id\_user**

**Nama**

**Email**

**Nim**

**Prodi**

**Password**

**Role**

**b. Jadwal (entitas)**

**Id\_jadwal**

**Id\_jenis\_pelatihan**

**Tgl\_mulai\_latihan**

**Tgl\_selesai\_latihan**

**Tgl\_mulai\_daptar**

**Tgl\_selesai\_daptar**

**Nama\_tutor**

**Status\_jadwal**

**c. Jenis pelatihan (entitas)**

**Id\_pelatihan**

**Nama\_pelatihan**

**d. Pendaptaran (entitas)**

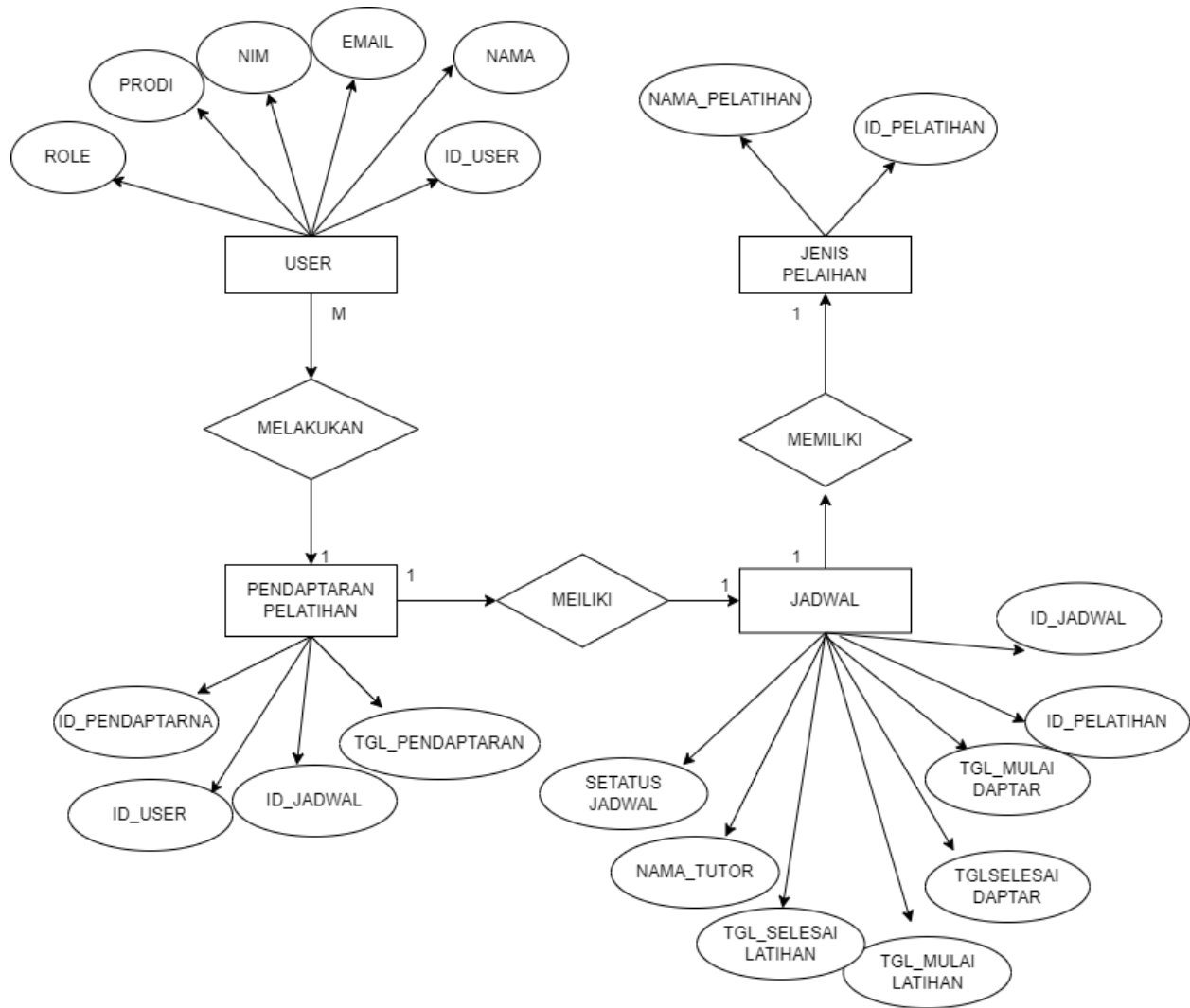
**Id\_pendaptaran**

**Id\_user**

**Id\_jadwal**

**Tgl\_daptar**

## 2. Gambar Dalam Bentuk ERD



### 3. Databases Maria DB

```
Command Prompt - mysql -u root -p
-> id_jenis_pelatihan int(100) not null,
-> tgl_mulai_daptar date not null,
-> tgl_selesai_daptar date not null,
-> tgl_mulai_latihan date not null,
-> tgl_selesai_latihan date not null,
-> nama_tutor varchar(100) not null,
-> setatus_jadwak varchar(100) not null);
Query OK, 0 rows affected (0.249 sec)

MariaDB [daptar_pelatihan]> desc jadwal;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_jadwal | int(100) | NO | PRI | NULL | |
| id_jenis_pelatihan | int(100) | NO | | NULL | |
| tgl_mulai_daptar | date | NO | | NULL | |
| tgl_selesai_daptar | date | NO | | NULL | |
| tgl_mulai_latihan | date | NO | | NULL | |
| tgl_selesai_latihan | date | NO | | NULL | |
| nama_tutor | varchar(100) | NO | | NULL | |
| setatus_jadwak | varchar(100) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.041 sec)

MariaDB [daptar_pelatihan]> create table user (id_user int(100) not null primary key,
-> nama varchar(100) not null,
-> emial varchar(100) not null,
-> nim varchar(100) not null,
-> prosi varchar(100) not null,
-> role enum('admin','mahasiswa') not null);
Query OK, 0 rows affected (0.482 sec)

MariaDB [daptar_pelatihan]> desc user;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_user | int(100) | NO | PRI | NULL | |
| nama | varchar(100) | NO | | NULL | |
| emial | varchar(100) | NO | | NULL | |
| nim | varchar(100) | NO | | NULL | |
| prosi | varchar(100) | NO | | NULL | |
| role | enum('admin','mahasiswa') | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.051 sec)

MariaDB [daptar_pelatihan]> desc jenis_pelatihan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_pelatihan | int(100) | NO | PRI | NULL | |
| nama_pelatihan | varchar(100) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.042 sec)

MariaDB [daptar_pelatihan]> desc pendaftaran_pelatihan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_pendaftaran | int(100) | NO | PRI | NULL | |
| id_user | int(100) | NO | | NULL | |
| id_jadwal | int(100) | NO | | NULL | |
| tgl_daptar | varchar(100) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.045 sec)

MariaDB [daptar_pelatihan]>
```

localhost / 127.0.0.1 / pelatihan | x

localhost/phpmyadmin/index.php?route=/database/designer&db=pelatihan

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phpMyAdmin

Server: 127.0.0.1 » Database: pelatihan

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pelatihan user

- id\_user : int(50)
- nama : varchar(100)
- email : varchar(100)
- nim : varchar(100)
- prodi : varchar(100)
- password : varchar(100)
- role : enum('admin','mahasiswa')

pelatihan pendaftaran

- id\_pendaftaran : int(11)
- id\_user : int(50)
- id\_jadwal : int(50)
- tgl\_pendaftaran : date

pelatihan jadwal

- id\_jadwal : int(11)
- id\_pelatihan : int(50)
- tgl\_mulai\_daptar : date
- tgl\_selesai\_daptar : date
- tgl\_mulai\_latihan : date
- tgl\_selesai\_latihan : date
- nama\_tutor : varchar(100)
- status\_jadwal : varchar(100)

pelatihan jenis\_pelatihan

- id\_pelatihan : int(50)
- nama\_pelatihan : varchar(100)

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