

Tugas2 MDPL Praktik

Kelompok :

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Menentukan Entitas

Dalam kasus seperti yang dijelaskan diatas, entitas yg dimaksud diantaranya :

Dosen

Mahasiswa

Matakuliah

Jadwal

Absensi

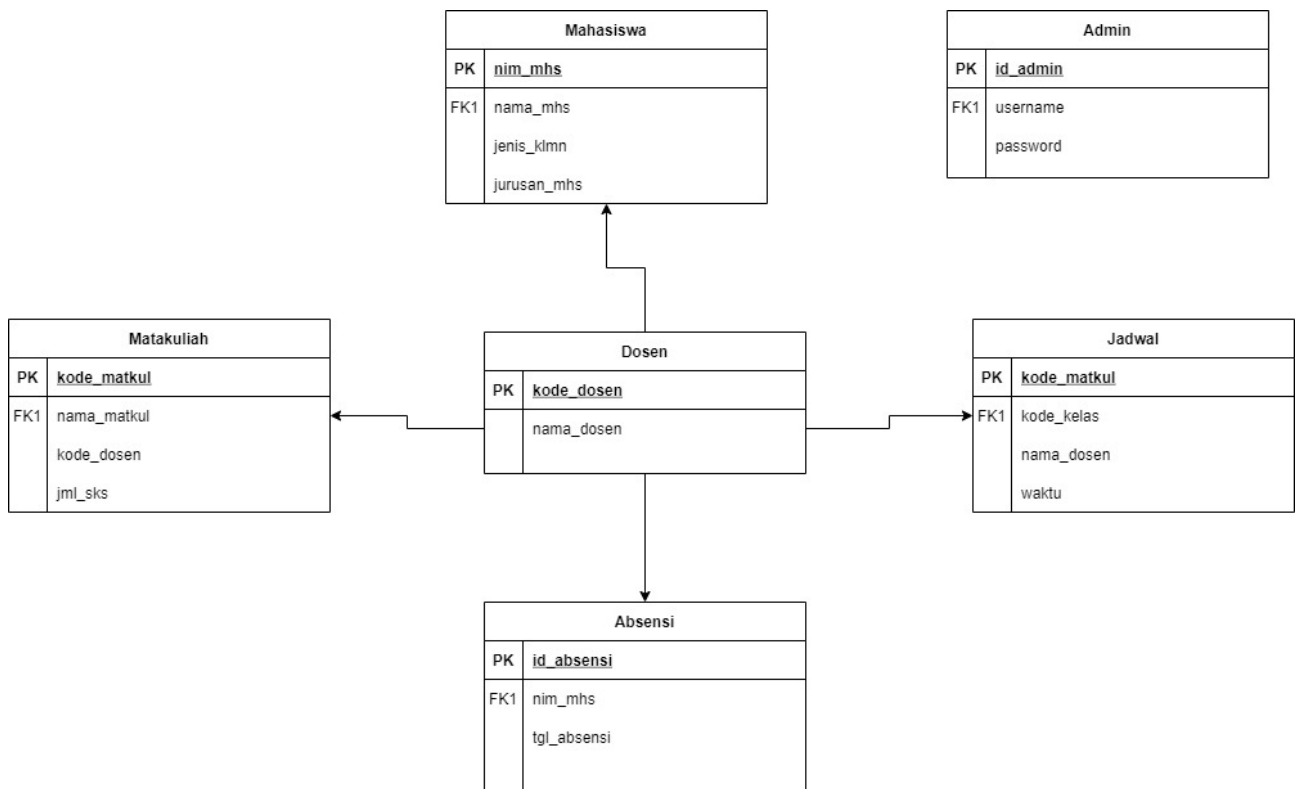
Mengidentifikasi jenis relasi

Entitas	Bentuk Relasi	Entitas
Dosen	Membentuk	Matakuliah
Dosen	Membentuk	Jadwal
Dosen	Mengajar	Mahasiswa
Dosen	Membentuk	Absensi
Matakuliah	Membentuk	Jadwal
Matakuliah	Membentuk	Jadwal
Mahasiswa	Mengambil	Matakuliah
Mahasiswa	Mengisi	Absensi

Mengidentifikasi Attribute

Entitas	Attribute	Primary Key
Dosen	Kode_dosen	PK
	nama_dosen	
Mahasiswa	nim	PK
	Nama	
	Jenis_kelamin	
	jurusan	
Matakuliah	Kode_matkul	PK
	Nama_matkul	
	Kode_dosen	PK(Composite key)
	Jml_sks	

Jadwal	Kode_matkul	PK(Composite Key)
	Kode_kelas	PK(Composite Key)
	Nama_dosen	
	waktu	
Admin	Id_admin	PK(Composite Key)
	username	
	password	
Absensi	Id_absensi	PK
	Nim_mhs	
	Tgl_absensi	



Query database

Membuat table tb_dosen

```

CREATE TABLE `db_sia`.`tb_dosen` (
  `kode_dosen` INT(10) NULL AUTO_INCREMENT,
  `nama_dosen` VARCHAR(40) NOT NULL,
  PRIMARY KEY (`kode_dosen`))
ENGINE = InnoDB;
  
```

localhost / 127.0.0.1 / db_sia / tb

myadmin/tbl_structure.php?db=db_sia&table=tb_dosen

Server: 127.0.0.1 » Database: db_sia » Table: tb_dosen

Browse Structure SQL Search Insert Export Import Privileges Operations

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	kode_dosen	int(10)			No	None		AUTO_INCREMENT	Change Drop
2	nama_dosen	varchar(40)	utf8mb4_general_ci		No	None			Change Drop

Check all With selected: Browse Change Drop Primary Unique Index Fulltext

Membuat table tb_mhs

```
CREATE TABLE `db_sia`.`tb_mhs` ( `nim_mhs` INT(10) NOT NULL AUTO_INCREMENT , `nama_mhs` VARCHAR(40) NOT NULL , `jenis_klmn` ENUM('L','P','I','') NOT NULL , `jurusan_mhs` VARCHAR(20) NOT NULL , PRIMARY KEY (`nim_mhs`)) ENGINE = InnoDB;
```

Close

myadmin/tbl_structure.php?db=db_sia&table=tb_mhs

Server: 127.0.0.1 » Database: db_sia » Table: tb_mhs

Browse Structure SQL Search Insert Export Import Privileges Operations

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	nim_mhs	int(10)			No	None		AUTO_INCREMENT	Change Drop
2	nama_mhs	varchar(40)	utf8mb4_general_ci		No	None			Change Drop
3	jenis_klmn	enum('L','P','I','')	utf8mb4_general_ci		No	None			Change Drop
4	jurusan_mhs	varchar(20)	utf8mb4_general_ci		No	None			Change Drop

Check all With selected: Browse Change Drop Primary Unique Index Fulltext

Membuat table tb_matkul

```
CREATE TABLE `db_sia`.`tb_matkul` ( `kode_matkul` INT(10) NOT NULL AUTO_INCREMENT , `nama_matkul` VARCHAR(30) NOT NULL , `kode_dosen` INT(10) NOT NULL , `jml_sks` INT(10) NOT NULL , PRIMARY KEY (`kode_matkul`)) ENGINE = InnoDB;
```

nyadmin/tbl_structure.php?db=db_sia&table=tb_matkul

Server: 127.0.0.1 » Database: db_sia » Table: tb_matkul

Browse Structure SQL Search Insert Export Import Privileges Operations

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	kode_matkul	int(10)			No	None		AUTO_INCREMENT	Change Drop
<input type="checkbox"/> 2	nama_matkul	varchar(30)	utf8mb4_general_ci		No	None			Change Drop
<input type="checkbox"/> 3	kode_dosen	int(10)			No	None			Change Drop
<input type="checkbox"/> 4	jml_sks	int(10)			No	None			Change Drop

Membuat table tb_jadwal

```
CREATE TABLE `db_sia`.`tb_jadwal` ( `kode_matkul` INT(10) NOT NULL AUTO_INCREMENT , `kode_kelas` VARCHAR(20) NOT NULL , `nama_dosen` VARCHAR(40) NOT NULL , `waktu` VARCHAR(40) NOT NULL , PRIMARY KEY (`kode_matkul`)) ENGINE = InnoDB;
```

nyadmin/tbl_structure.php?db=db_sia&table=tb_jadwal

Server: 127.0.0.1 » Database: db_sia » Table: tb_jadwal

Browse Structure SQL Search Insert Export Import Privileges Operations

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	kode_matkul	int(10)			No	None		AUTO_INCREMENT	Change Drop
<input type="checkbox"/> 2	kode_kelas	varchar(20)	utf8mb4_general_ci		No	None			Change Drop
<input type="checkbox"/> 3	nama_dosen	varchar(40)	utf8mb4_general_ci		No	None			Change Drop
<input type="checkbox"/> 4	waktu	varchar(40)	utf8mb4_general_ci		No	None			Change Drop

☐ Check all With selected: Browse Change Drop Primary Unique Index Fulltext

Membuat table tb_absensi

```
CREATE TABLE `db_sia`.`tb_absensi` ( `id_absensi` INT(50) NOT NULL AUTO_INCREMENT , `nim_mhs` INT(10) NOT NULL , `tgl_absensi` DATETIME(40) NOT NULL , PRIMARY KEY (`id_absensi`)) ENGINE = InnoDB;
```

myadmin/tbl_structure.php?db=db_sia&table=tb_absensi

Server: 127.0.0.1 » Database: db_sia » Table: tb_absensi

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_absensi	int(50)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	nim_mhs	int(10)			No	None			Change Drop More
<input type="checkbox"/> 3	tgl_absensi	datetime(6)			No	None			Change Drop More

☐ Check all With selected: Browse Change Drop Primary Unique Index Fulltext Remove from central columns

Membuat table tb_admin

```
CREATE TABLE `db_sia`.`tb_admin` ( `id_admin` INT(20) NOT NULL AUTO_INCREMENT , `username` VARCHAR(30) NOT NULL , `password` VARCHAR(30) NOT NULL , PRIMARY KEY (`id_admin`)) ENGINE = InnoDB;
```

localhost / 127.0.0.1 / db_sia / tb_admin

myadmin/tbl_structure.php?db=db_sia&table=tb_admin

Server: 127.0.0.1 » Database: db_sia » Table: tb_admin

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_admin	int(20)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	username	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	password	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to

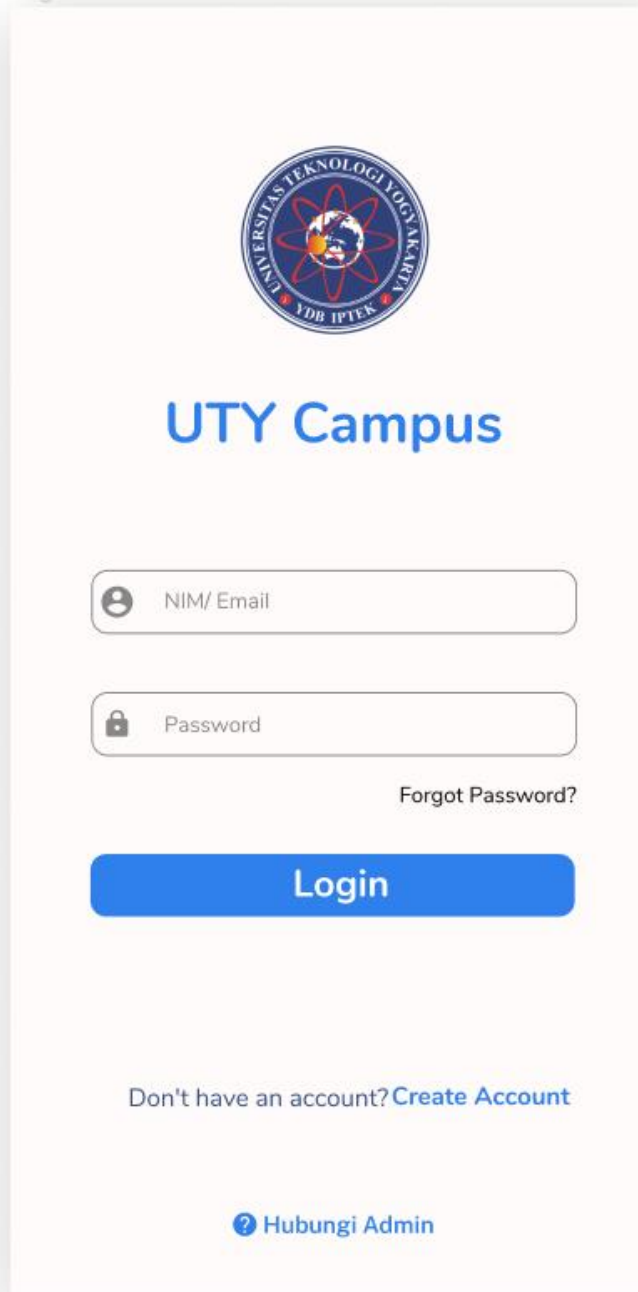
Remove from central columns

Prototype

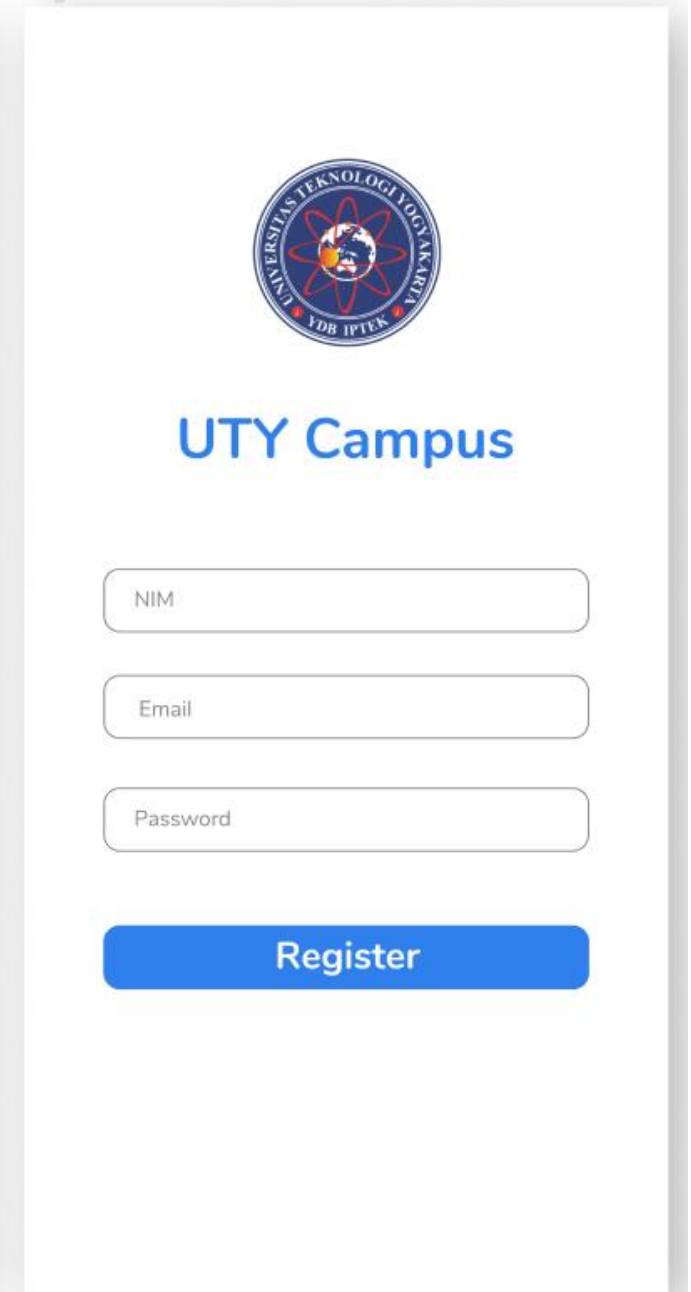
Home Page



Login



Register



Dashboard



Tofik Hidayat
5200411451

Logout



UTY Campus 1

Jl. Siliwangi (Ringroad Utara), Jombor, Sleman, D.I. Yogyakarta 55285

Akses Portal

Frame Frame 2



Jadwal



Presensi

Informasi



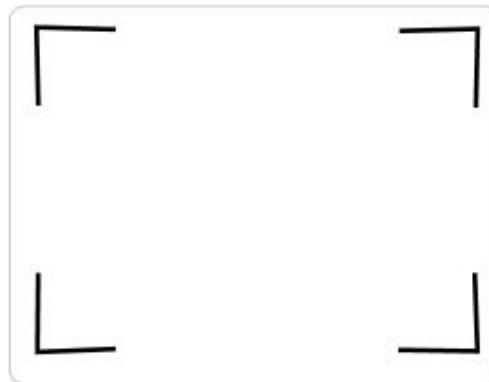
fil...



Presensi

Absensi

❖ Component 3



Arahkan kamera ke QR Code untuk presensi

Atau

Masukkan Code untuk presensi

Absen Sekarang

fil...



Jadwal

Jawal

Frame 8

Senin

1 MATA KULIAH

07:00



09:30

MDPL Praktik

Mata kuliah praktik

H.2.8

Selasa

2 MATA KULIAH

08:40



12:10

Web Mobile

Mata kuliah praktik

E.3.3

12:50



15:40

Sitem Cerdas

Mata kuliah praktik

G.3.0

Rabu

1 MATA KULIAH

0700



10:30

Big Data

Mata kuliah praktik

E.3.3

fil...

