

Tugas Praktikum VI

KELOMPOK 3 :

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TUGAS LAB

(Dikerjakan pada saat melaksanakan Praktikum)

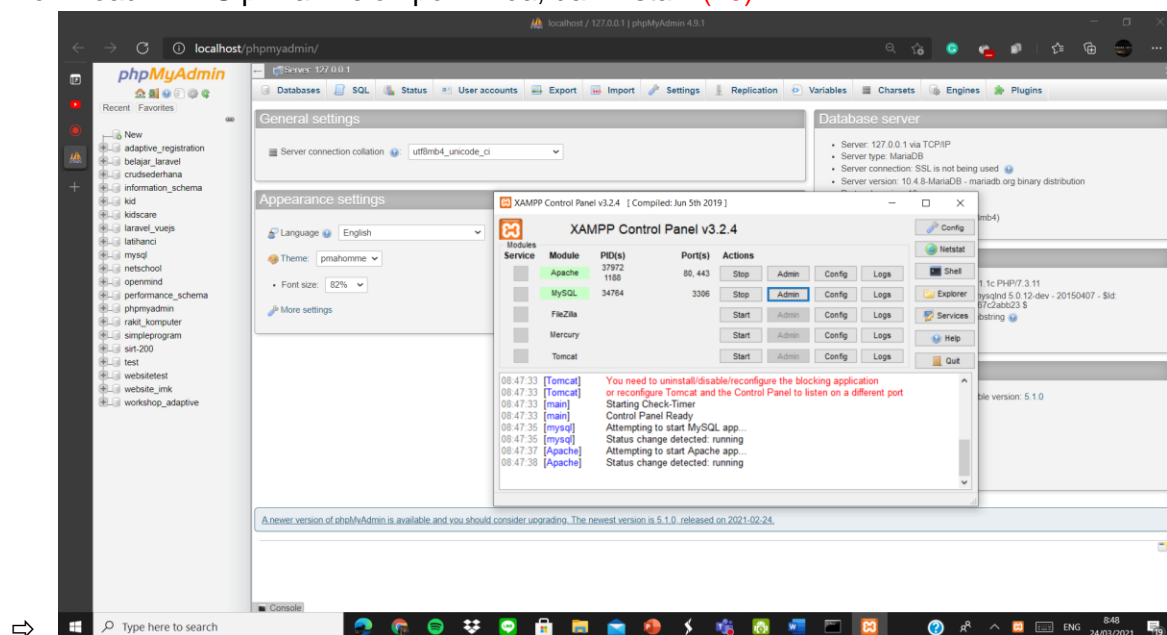
1.

- a. Pilih software DBMS untuk implementasi database TUBES. Jelaskan alasan pemilihan.

(10)

⇒ Kelompok kami memilih menggunakan DBMS MySQL, karena pertama adalah penggunaan MySQL itu mudah dan cepat karena sudah terbiasa, punya beberapa kelebihan yang membuat database lebih Fleksibel dan Reliabel, dan terakhir mudah untuk dilakukan managementnya karena ada Dashboard seperti phpmyadmin.

- b. Download DBMS pilihan kelompok Anda, dan install. (10)



Database server

- Server: 127.0.0.1 via TCP/IP
- Server type: MariaDB
- Server connection: SSL is not being used
- Server version: 10.4.8-MariaDB - mariadb.org binary distribution
- Protocol version: 10
- User: root@localhost
- Server charset: UTF-8 Unicode (utf8mb4)

Web server

- Apache/2.4.41 (Win64) OpenSSL/1.1.1c PHP/7.3.11
- Database client version: libmysql - mysqlnd 5.0.12-dev - 20150407 - \$Id: 7cc7cc96e675f6d72e5cf0f267f48e167c2abb23 \$
- PHP extension: mysqli curl mbstring
- PHP version: 7.3.11

phpMyAdmin

- Version information: 4.9.1, latest stable version: 5.1.0
- Documentation
- Official Homepage
- Contribute
- Get support
- List of changes
- License

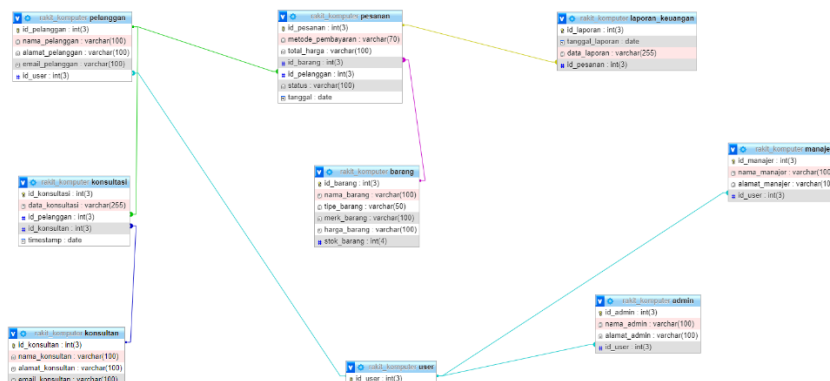
- ⇒ Untuk implementasi kami menggunakan MySQL dengan Dashboard PHPMyAdmin yang dapat diakses menggunakan bantuan XAMPP dengan Web Server APACHE.

2. Implementasikan tabel-tabel database hasil Tugas Pendahuluan dalam DBMS yang sudah Anda install (40)

- ⇒ Untuk implementasinya kurang lebih seperti berikut ini yang dibuat di PHPMyAdmin.

Table	Action	Rows	Type	Collation	Size	Overhead
admin	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 K1B	-
barang	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 K1B	-
konsultasi	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 K1B	-
konsultasi	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 K1B	-
laporan_keuangan	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 K1B	-
manajer	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 K1B	-
pelanggan	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	32.0 K1B	-
pesanan	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 K1B	-
user	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	48.0 K1B	-
9 tables	Sum	0	InnoDB	utf8mb4_general_ci	320.0 K1B	0 B

- ⇒ Dan Relasi antar tabelnya kurang lebih seperti ini.



- ⇒ Untuk Lebih jelasnya kurang lebih setiap tabel akan berisi seperti berikut ini.

1. Tabel Admin

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_admin	int(3)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	nama_admin	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	3	alamat_admin	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	4	id_user	int(3)		No	None			Change Drop More

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

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after id_user Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_admin	0	A	No	
Edit Drop	id_user	BTREE	No	No	id_user	0	A	No	

Create an index on 1 columns Go

Nama	Tabel Admin
Atribut	<ul style="list-style-type: none"> id_admin (integer 3) nama_admin (varchar/string 100) alamat_admin (varchar/string 100) id_user (integer 3)
Primary Key	id_admin
Foreign Key	Id_user (dari tabel user)

2. Tabel Barang

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_barang	int(3)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	nama_barang	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	3	tipe_barang	varchar(50)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	4	merk_barang	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	5	harga_barang	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	6	stok_barang	int(4)		No	None			Change Drop More

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

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after stok_barang Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_barang	0	A	No	

Create an index on 1 columns Go

Nama	Tabel Barang
Atribut	<ul style="list-style-type: none"> id_barang (integer 3) nama_barang (varchar/string 100) tipe_barang (varchar/string 50) merk_barang (varchar/string 100) harga_barang (varchar/string 100) stock_barang (integer 4)
Primary Key	id_barang
Foreign Key	Tidak ada

3. Tabel Konsultan

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_konsultan	int(3)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	nama_konsultan	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	alamat_konsultan	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	email_konsultan	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#) [Add to central columns](#)

[Print](#) [Propose table structure](#) [Track table](#) [Move columns](#) [Normalize](#)

[Add](#) 1 column(s) after email_konsultan [Go](#)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_konsultan	0	A	No	

Create an index on 1 columns [Go](#)

Nama	Tabel Konsultan
Atribut	<ul style="list-style-type: none"> id_barang (integer 3) nama_konsultan (varchar/string 100) alamat_konsultan (varchar/string 100) email_konsultan (varchar/string 100)
Primary Key	id_konsultan
Foreign Key	Tidak ada

4. Tabel Konsultasi

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_konsultasi	int(3)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	data_konsultasi	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	id_pelanggan	int(3)			No	None			Change Drop More
<input type="checkbox"/> 4	id_konsultan	int(3)			No	None			Change Drop More
<input type="checkbox"/> 5	timestamp	date			No	None			Change Drop More

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#) [Add to central columns](#)

[Print](#) [Propose table structure](#) [Track table](#) [Move columns](#) [Normalize](#)

[Add](#) 1 column(s) after timestamp [Go](#)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_konsultasi	0	A	No	
Edit Drop	id_pelanggan	BTREE	No	No	id_pelanggan	0	A	No	
Edit Drop	id_konsultan	BTREE	No	No	id_konsultan	0	A	No	

Nama	Tabel Konsultasi
Atribut	<ul style="list-style-type: none"> id_konsultasi (integer 3) data_konsultasi (varchar/string 255) id_pelanggan (integer 3) id_konsultan (integer 3) timestamp (date)
Primary Key	id_konsultasi
Foreign Key	Id_pelanggan, id_konsultasi

5. Tabel Laporan Keuangan

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_laporan	int(3)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	tanggal_laporan	date			No	None			Change Drop More
<input type="checkbox"/> 3	data_laporan	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	id_pesanan	int(3)			No	None			Change Drop More

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

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after id_pesanan Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_laporan	0	A	No	
Edit Drop	id_pesanan	BTREE	No	No	id_pesanan	0	A	No	

Create an index on 1 columns Go

Nama	Tabel Laporan Keuangan
Atribut	<ul style="list-style-type: none"> id_laporan (integer 3) data_laporan (varchar/string 255) id_pesanan (integer 3) tanggal_laporan (date)
Primary Key	id_laporan
Foreign Key	id_pesanan

6. Tabel Manajer

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_manajer	int(3)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	nama_manajer	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	alamat_manajer	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	id_user	int(3)			No	None			Change Drop More

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

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after id_user Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_manajer	0	A	No	

Create an index on 1 columns Go

Nama	Tabel Manajer
Atribut	<ul style="list-style-type: none"> id_manajer (integer 3) nama_manajer (varchar/string 100) alamat_manajer (varchar/string 100) id_user (integer 3)
Primary Key	id_manajer
Foreign Key	id_user

7. Tabel Pelanggan

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_pelanggan	int(3)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	nama_pelanggan	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	alamat_pelanggan	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	email_pelanggan	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 5	id_user	int(3)			Yes	NULL			Change Drop More

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

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after id_user Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_pelanggan	0	A	No	

Create an index on 1 columns Go

Nama	Tabel Pelanggan
Atribut	<ul style="list-style-type: none"> Id_pelanggan (integer 3) nama_pelanggan (varchar/string 100) alamat_pelanggan (varchar/string 100) email_pelanggan (varchar/string 100) id_user (integer 3)
Primary Key	id_pelanggan
Foreign Key	id_user

8. Tabel Pesanan

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id_pesanan	varchar(3)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 2	metode_pembayaran	varchar(70)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	total_harga	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	id_barang	int(3)			No	None			Change Drop More
<input type="checkbox"/> 5	id_pelanggan	int(3)			No	None			Change Drop More
<input type="checkbox"/> 6	status	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 7	tanggal	date			No	None			Change Drop More

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

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after tanggal Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_pesanan	0	A	No	
Edit Drop	id_barang	BTREE	No	No	id_barang	0	A	No	
Edit Drop	id_pelanggan	BTREE	No	No	id_pelanggan	0	A	No	

Create an index on 1 columns Go

Nama	Tabel Pesanan
Atribut	<ul style="list-style-type: none"> Id_pesanan (integer 3) metode_pembayaran (varchar/string 70) total_harga (varchar/string 100) id_barang (integer 3) id_pelanggan (integer 3) status (varchar/string 100) tanggal (date)
Primary Key	id_pesanan

Foreign Key	id_barang, id_pelanggan
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9. Tabel User

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id_user	int(3)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	username	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	3	password	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More
<input type="checkbox"/>	4	email	varchar(100)	utf8mb4_general_ci	No	None			Change Drop More

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

Print Propose table structure Track table Move columns Normalize

Add column(s)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id_user	0	A	No	

Create an index on columns

Nama	Tabel User
Atribut	<ul style="list-style-type: none"> • Id_user (integer 3) • username (varchar/string 70) • password (varchar/string 100) • email (varchar/string 100)
Primary Key	id_user
Foreign Key	Tidak Ada

#Selamat bekerja