

TUGAS QUERY SQL

Data base stok peralatan gudang dibuat berdasarkan diagram class

The screenshot shows the phpMyAdmin web interface. The browser address bar indicates the URL: `localhost/phpmyadmin/index.php?route=/database/structure&server=1&db=db_stok_peralatan_gudang`. The interface displays the database structure for 'db_stok_peralatan_gudang' on the 'Server: 127.0.0.1'.

On the left sidebar, the database 'db_stok_peralatan_gudang' is expanded, showing four tables: 'barang', 'surat_barang_keluar', 'surat_barang_masuk', and 'surat_barang_rusak'. Below these are other databases like 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'.

The main panel shows the 'Structure' tab for the selected database. It contains a table listing the database's tables:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> barang	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> surat_barang_keluar	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> surat_barang_masuk	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> surat_barang_rusak	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
4 tables	Sum	1	InnoDB	utf8mb4_general_ci	64.0 KiB	0 B

Below the table list, there are options to 'Check all' and a dropdown menu for 'With selected:'. At the bottom of the main panel, there is a 'Create table' section with a 'Name' field, a 'Number of columns' field (set to 4), and a 'Go' button.

The bottom of the interface shows a 'Console' tab.

Berikut adalah masing masing data dari berbagai table dan colom pada table itu

1. Tabel Barang

The screenshot displays the phpMyAdmin interface for the 'db_stok_peralatan_gudang' database. The 'Table structure' view for the 'barang' table is active. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_barang	int(10)			No	None		AUTO_INCREMENT	Change Drop More
2	nama_barang	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
3	stock	int(10)			No	None			Change Drop More
4	harga	int(15)			No	None			Change Drop More
5	keterangan	date			No	None			Change Drop More

Below the table structure, there are options to 'Check all', 'With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', and 'Fulltext'. There are also buttons to 'Add to central columns' and 'Remove from central columns'.

The 'Indexes' section shows a single index for 'id_barang' with a 'PRIMARY' keyname, 'BTREE' type, 'Yes' for 'Unique', 'No' for 'Packed', 'id_barang' as the 'Column', '1' for 'Cardinality', 'A' for 'Collation', and 'No' for 'Null'. The 'Comment' field is empty.

At the bottom, there is a 'Create an index on' section with a text input '1' and a 'Go' button.

Id barang sebagai primary key, fungsinya untuk kata kunci utama jika ingin mencari barang tersebut

2. Tabel Surat Barang Keluar

The screenshot shows the phpMyAdmin interface for a database named 'db_stok_peralatan_gudang'. The selected table is 'surat_barang_keluar'. The table structure is displayed with the following columns:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_sbk	int(10)			No	None		AUTO_INCREMENT	Change Drop More
2	tanggal	date			No	None			Change Drop More
3	pengirim	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
4	penerima	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More

Below the table structure, there are options to 'Check all', 'With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', and 'Fulltext'. There are also buttons for 'Add to central columns' and 'Remove from central columns'.

The 'Indexes' section shows the primary key for the 'id_sbk' column:

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

At the bottom, there is a section for 'Partitions' and a 'Console' tab.

Primery keynya adalah id_sbk.

3. Tabel Surat Barang Masuk

Server: 127.0.0.1 » Database: db_stok_peralatan_gudang » Table: surat_barang_masuk

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_sbm	int(10)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 tanggal	date			No	None			Change Drop More
<input type="checkbox"/>	3 pengirim	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 penerima	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)

[Add to central columns](#) [Remove from central columns](#)

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

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

Indexes

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

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

Partitions

Console

4. Tabel Surat Barang Rusak

The screenshot displays the phpMyAdmin interface for a MySQL database. The browser address bar shows the URL: `localhost/phpmyadmin/index.php?route=/table/structure&db=db_stok_peralatan_gudang&table=surat_barang_masuk`. The interface is divided into a left sidebar with a database tree and a main content area.

Database Tree (Left Sidebar):

- db_stok_peralatan_gudang
 - barang
 - surat_barang_keluar
 - surat_barang_masuk
 - surat_barang_rusak
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Main Content Area:

Server: 127.0.0.1 » Database: db_stok_peralatan_gudang » Table: surat_barang_masuk

Navigation tabs: Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, Triggers.

Table structure view:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_sbm	int(10)			No	None		AUTO_INCREMENT	Change Drop More
2	tanggal	date			No	None			Change Drop More
3	pengirim	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
4	penerima	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More

Indexes:

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

Below the indexes table, there is a form to create a new index: "Create an index on" followed by a text input containing "1", the word "columns", and a "Go" button.

5. Table Transaksi Barang

The screenshot shows the phpMyAdmin interface for the 'db_stok_peralatan_gudang' database. The 'transaksi_barang' table structure is displayed in 'Table structure' view. The table has four columns: 'id_barang' (int(11), primary key), 'id_sbm' (varchar(25)), 'id_sbk' (varchar(25)), and 'keterangan' (text). Below the table structure, there are options to add, change, or drop columns, and a section for indexes. The 'Indexes' section shows a primary index on 'id_barang'.

Server: 127.0.0.1 » Database: db_stok_peralatan_gudang » Table: transaksi_barang

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_barang	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	id_sbm	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
3	id_sbk	varchar(25)	utf8mb4_general_ci		No	None			Change Drop More
4	keterangan	text	utf8mb4_general_ci		No	None			Change Drop More

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

Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after keterangan Go

Indexes

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

Create an index on 1 columns Go

Console

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Pembuat Query Ivan Despriaryandi

Query dibuat berdasarkan class diagram yang telah dibuat

