

## TUGAS QUERY SQL

Data base stok peralatan gudang dibuat berdasarkan diagram class

The screenshot shows the phpMyAdmin web interface. The left sidebar displays the database structure tree with the following items:

- New
- db\_stok\_peralatan\_gudang
  - New
  - barang
  - surat\_barang\_keluar
  - surat\_barang\_masuk
  - surat\_barang\_rusak
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

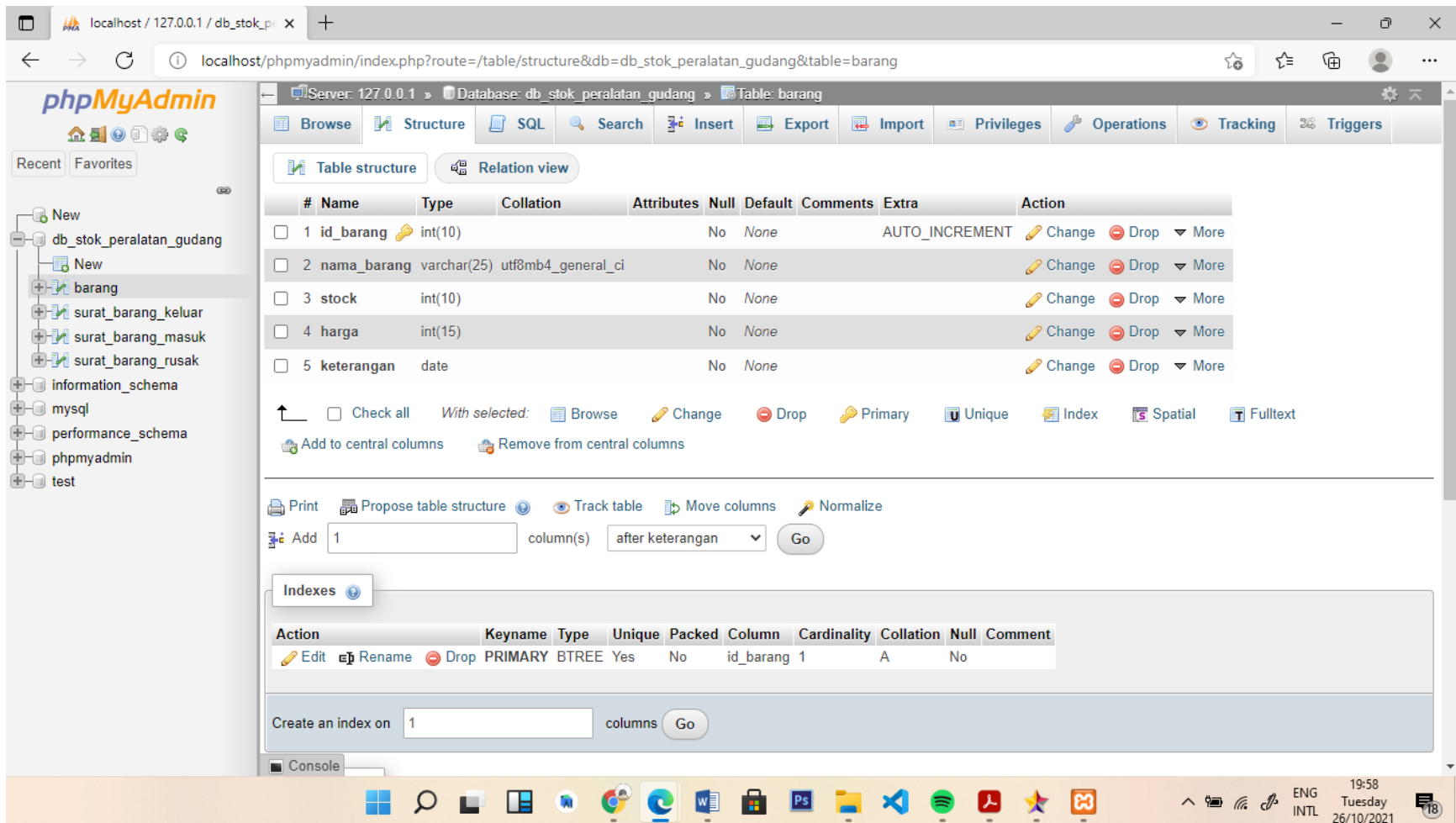
The main panel shows the 'Structure' tab for the database 'db\_stok\_peralatan\_gudang'. It lists the following tables:

| 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        | -          |
| <b>4 tables</b>                              | <b>Sum</b>                                  | <b>1</b> | <b>InnoDB</b> | <b>utf8mb4_general_ci</b> | <b>64.0 KiB</b> | <b>0 B</b> |

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

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, specifically showing the structure of the 'barang' table. 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 for 'Add to central columns' and 'Remove from central columns'.

The 'Indexes' section shows a primary key index for the 'id\_barang' column. The index details are as follows:

| Action           | Keyname | Type  | Unique | Packed | Column    | Cardinality | Collation | Null | Comment |
|------------------|---------|-------|--------|--------|-----------|-------------|-----------|------|---------|
| Edit Rename Drop | PRIMARY | BTREE | Yes    | No     | id_barang | 1           | A         | No   |         |

At the bottom, there is a section to 'Create an index on' with a dropdown menu showing '1' column(s) 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 the 'db\_stok\_peralatan\_gudang' database. The 'Table structure' tab is selected for the 'surat\_barang\_keluar' table. The table structure is as follows:

| # | 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 'id\_sbk' with the following details:

| 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   |
|---|----------|-------------|--------------------|------------|------|---------|----------|----------------|--|
| 1 | id_sbm   | int(10)     |                    |            | No   | None    |          | AUTO_INCREMENT | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |
| 2 | tanggal  | date        |                    |            | No   | None    |          |                | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |
| 3 | pengirim | varchar(15) | utf8mb4_general_ci |            | No   | None    |          |                | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |
| 4 | penerima | varchar(15) | utf8mb4_general_ci |            | No   | None    |          |                | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |

☐ 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 |
|--|---------|-------|--------|--------|--------|-------------|-----------|------|---------|
| <a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a> | 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 | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |
| 2 | tanggal  | date        |                    |            | No   | None    |          |                | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |
| 3 | pengirim | varchar(15) | utf8mb4_general_ci |            | No   | None    |          |                | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |
| 4 | penerima | varchar(15) | utf8mb4_general_ci |            | No   | None    |          |                | <a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a> |

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".

**Indexes section:**

Print, Propose table structure, Track table, Move columns, Normalize

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

| Action   | Keyname | Type  | Unique | Packed | Column | Cardinality | Collation | Null | Comment |
|--|---------|-------|--------|--------|--------|-------------|-----------|------|---------|
| <a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a> | PRIMARY | BTREE | Yes    | No     | id_sbm | 0           | A         | No   |         |

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

Partitions

Kelompok 10

1. 5200411523 – Ivan Despriaryandi
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3. 5200411570 – Rafly Yoganatha

Pembuat Query Ivan Despriaryandi

Query dibuat berdasarkan class diagram yang telah dibuat

