

TUGAS ANALISIS DAN DESAIN SISTEM
Database Gudang dan penjualan



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PROGRAM STUDI AKUNTANSI S1
FAKULTAS EKONOMIKA DAN BISNIS
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Code Sql

```
-- phpMyAdmin SQL Dump
-- version 5.2.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Mar 25, 2025 at 01:48 PM
-- Server version: 10.4.32-MariaDB
-- PHP Version: 8.0.30

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `gudang_penjualan`
--

CREATE DATABASE IF NOT EXISTS `gudang_penjualan`;
USE `gudang_penjualan`;

--
-- Table structure for table `produk`
--

CREATE TABLE `produk` (
  `id_produk` int(11) NOT NULL AUTO_INCREMENT,
  `nama_produk` varchar(100) NOT NULL,
  `kategori` varchar(50) NOT NULL,
  `stok` int(11) NOT NULL,
  `harga` decimal(10,2) NOT NULL,
  PRIMARY KEY (`id_produk`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--
-- Dumping data for table `produk`
--

INSERT INTO `produk` (`nama_produk`, `kategori`, `stok`, `harga`) VALUES
('Laptop Asus', 'Elektronik', 10, 7500000.00),
('HP Samsung', 'Elektronik', 15, 3500000.00),
('Meja Belajar', 'Furniture', 20, 500000.00);
```

```

-- -----
--
-- Table structure for table `pelanggan`
--

CREATE TABLE `pelanggan` (
  `id_pelanggan` int(11) NOT NULL AUTO_INCREMENT,
  `nama_pelanggan` varchar(100) NOT NULL,
  `alamat` varchar(255) NOT NULL,
  `no_telepon` varchar(15) NOT NULL,
  PRIMARY KEY (`id_pelanggan`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--
-- Dumping data for table `pelanggan`
--

INSERT INTO `pelanggan` (`nama_pelanggan`, `alamat`, `no_telepon`) VALUES
('Andi', 'Jl. Merdeka No. 45', '081234567890'),
('Budi', 'Jl. Sudirman No. 23', '081298765432');

-- -----
--
-- Table structure for table `penjualan`
--

CREATE TABLE `penjualan` (
  `id_penjualan` int(11) NOT NULL AUTO_INCREMENT,
  `id_pelanggan` int(11) NOT NULL,
  `tanggal_penjualan` TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
  `total_harga` decimal(12,2) NOT NULL,
  PRIMARY KEY (`id_penjualan`),
  FOREIGN KEY (`id_pelanggan`) REFERENCES `pelanggan` (`id_pelanggan`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

-- -----
--
-- Table structure for table `detail_penjualan`
--

CREATE TABLE `detail_penjualan` (
  `id_detail_penjualan` int(11) NOT NULL AUTO_INCREMENT,
  `id_penjualan` int(11) NOT NULL,
  `id_produk` int(11) NOT NULL,
  `jumlah` int(11) NOT NULL,

```

```

`harga_satuan` decimal(10,2) NOT NULL,
`subtotal` decimal(12,2) NOT NULL,
PRIMARY KEY (`id_detail_penjualan`),
FOREIGN KEY (`id_penjualan`) REFERENCES `penjualan` (`id_penjualan`),
FOREIGN KEY (`id_produk`) REFERENCES `produk` (`id_produk`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;

```

Result

The screenshot shows the phpMyAdmin interface for a database named 'gudang_penjualan'. The 'Structure' tab is selected, displaying a table list with the following details:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> detail_penjualan		0	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> pelanggan		2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> penjualan		0	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> produk		3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
4 tables	Sum	5	InnoDB	utf8mb4_general_ci	112.0 KiB	0 B

Below the table list, there is a 'Create new table' section with fields for 'Table name' and 'Number of columns' (set to 4), and a 'Create' button. The bottom of the interface shows a Windows taskbar with the date 26/03/2025 and time 01:39.

Detail_penjualan

localhost/phpmyadmin/index.php?route=/table/structure&db=gudang_penjualan&table=detail_penjualan

Server: 127.0.0.1 » Database: gudang_penjualan » Table: detail_penjualan

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_detail_penjualan	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 id_penjualan	int(11)			No	None			Change Drop More
<input type="checkbox"/>	3 id_produk	int(11)			No	None			Change Drop More
<input type="checkbox"/>	4 jumlah	int(11)			No	None			Change Drop More
<input type="checkbox"/>	5 harga_satuan	decimal(10,2)			No	None			Change Drop More
<input type="checkbox"/>	6 subtotal	decimal(12,2)			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 subtotal [Go](#)

Indexes

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

01:39 26/03/2025

Pelanggan

localhost/phpmyadmin/index.php?route=/table/structure&db=gudang_penjualan&table=pelanggan

Server: 127.0.0.1 » Database: gudang_penjualan » Table: pelanggan

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id_pelanggan	int(11)			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	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4 no_telepon	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 no_telepon [Go](#)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id_pelanggan	2	A	No	

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

localhost/phpmyadmin/index.php?route=/table/structure&db=gudang_penjualan&table=pelanggan

01:40 26/03/2025

Penjualan

localhost/phpmyadmin/index.php?route=/table/structure&db=gudang_penjualan&table=penjualan

Server: 127.0.0.1 » Database: gudang_penjualan » Table: penjualan

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_penjualan	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	id_pelanggan	int(11)			No	None			Change Drop More
3	tanggal_penjualan	timestamp			No	current_timestamp()			Change Drop More
4	total_harga	decimal(12,2)			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 total_harga Go

Indexes

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

localhost/phpmyadmin/index.php?route=/table/structure&db=gudang_penjualan&table=penjualan

Produk

localhost/phpmyadmin/index.php?route=/table/structure&db=gudang_penjualan&table=produk

Server: 127.0.0.1 » Database: gudang_penjualan » Table: produk

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_produk	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	nama_produk	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
3	kategori	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
4	stok	int(11)			No	None			Change Drop More
5	harga	decimal(10,2)			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 harga Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id_produk	3	A	No	

localhost/phpmyadmin/index.php?route=/table/structure&db=gudang_penjualan&table=produk