

# Pemrograman Web Lanjut

## #03



Go Frendi Gunawan

# CRUD

(Create – Read – Update – Delete)

**Edit Record**

Title :

Group :

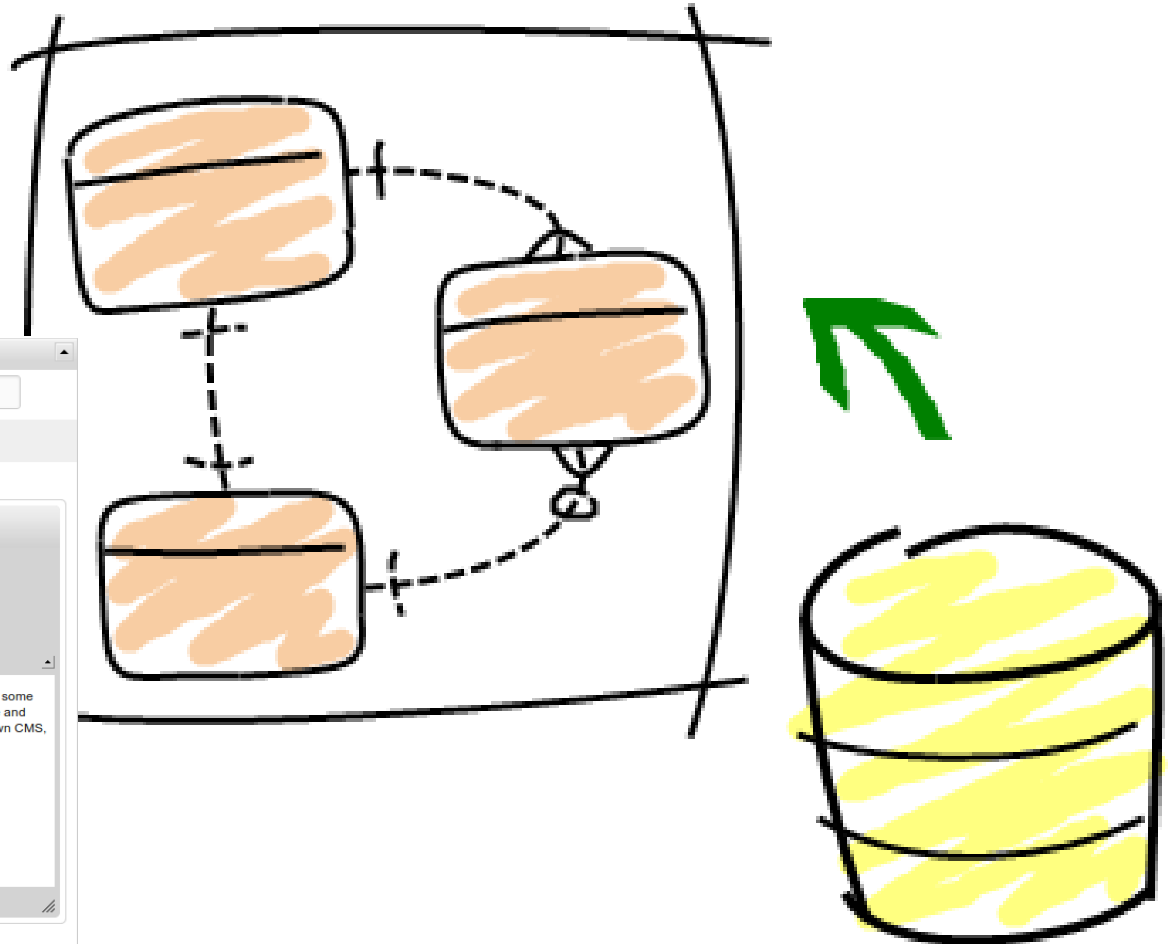
Content :

Source

Rich text editor toolbar with icons for bold, italic, underline, text color, background color, link, unlink, list, indent, outdent, undo, redo, and others.

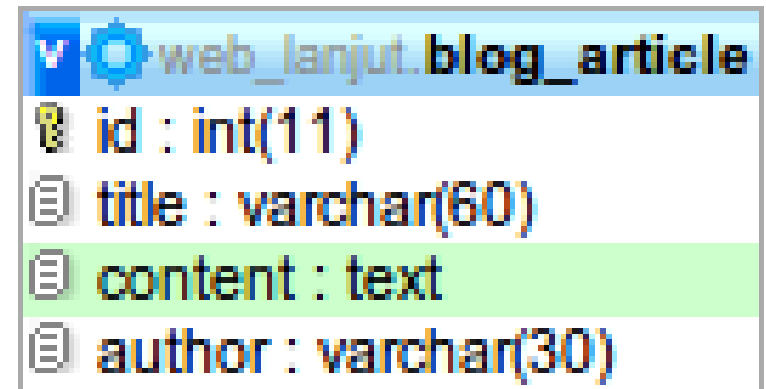
Styles, Format, Font, Size, Color, Background Color, Link, Unlink, List, Indent, Outdent, Undo, Redo, and others.

No-CMS is a CMS-framework. It is a [CMS](#) and a [framework](#) in the same time. No-CMS is a basic CMS with some default features such as user authorization, menu, module and theme management. It is fully customizable and extensible, you can make your own module and your own themes. It provide freedom to make your very own CMS, which is not provided very well by any other CMS.



# The Data

```
CREATE TABLE IF NOT EXISTS `blog_article` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `title` varchar(60) NOT NULL,  
  `content` text NOT NULL,  
  `author` varchar(30) NOT NULL,  
  PRIMARY KEY (`id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1  
AUTO_INCREMENT=1 ;
```



The screenshot shows a database table structure viewer for a table named 'web\_lanjut.blog\_article'. The table has four columns: 'id' (int(11)), 'title' (varchar(60)), 'content' (text), and 'author' (varchar(30)). The 'content' column is highlighted in green.

	web_lanjut.blog_article
id	int(11)
title	varchar(60)
content	text
author	varchar(30)

# The CodeIgniter Way

- How to deal with database:  
[http://codeigniter.com/user\\_guide/database/examples.html](http://codeigniter.com/user_guide/database/examples.html)
- How to make a form:  
[http://codeigniter.com/user\\_guide/helpers/form\\_helper.html](http://codeigniter.com/user_guide/helpers/form_helper.html)
- How to catch the input:  
[http://codeigniter.com/user\\_guide/libraries/input.html](http://codeigniter.com/user_guide/libraries/input.html)



# CRUD

- CRUD
  - Create (INSERT)
  - Read (SELECT)
  - Update
  - Delete

The screenshot shows a web application window titled "Edit Record". It contains a form with the following fields:

- Title :** A text input field containing the word "Overview".
- Group :** A dropdown menu showing "Basic Info".
- Content :** A rich text editor area. It includes a toolbar with various icons for text formatting (bold, italic, underline, link, unlink, etc.), lists, and media. Below the toolbar, there is a text area containing the following text:

No-CMS is a CMS-framework. It is a [CMS](#) and a [framework](#) in the same time. No-CMS is a basic CMS with some default features such as user authorization, menu, module and theme management. It is fully customizable and extensible, you can make your own module and your own themes. It provide freedom to make your very own CMS, which is not provided very well by any other CMS.

At the bottom of the window, there are three buttons: "Update changes", "Update and go back to list", and "Cancel".

# Model (Example)

```
<?php
class Blog_Model extends CI_Model {
    // constructor and other functions

    function insert_data($title, $content, $author)
    {
        $this->load->database();
        $data = array(
            'title' => $title,
            'content' => $content,
            'author' => $author,
        );
        $query = $this->db->insert('blog_article', $data);
    }
}
?>
```



# Controller (Example)

```
<?php
class Blog extends CI_Controller {
    // constructors and other functions

    function insert_form()
    {
        $this->load->helper('form');
        $this->load->view('inset-form', $data);
    }

    function insert_data()
    {
        $title = $this->input->post('title');
        $content = $this->input->post('content');
        $author = $this->input->post('author');
        $this->load->model('blog_model');
        $this->blog_model->insert_data($title, $content, $author);
    }
}
?>
```



# View

## (insert-form.php)

```
<?php  
echo form_open('blog/insert_data');  
echo form_input('title');  
echo form_input('content');  
echo form_input('author');  
echo form_close();  
?>
```





It's your turn



# Thank you

