

In our second series we have been given an idea that how to take data from model, and loaded to a view with the help of controller. In this series we will create a Post

4.1 To create a post we need below requirements.

4.1.1 edit our view and create new button called New Post to call a function in the controller.

4.1.2 create two function in our controller

4.1.3 create a function in the model

4.1.4 create a new view

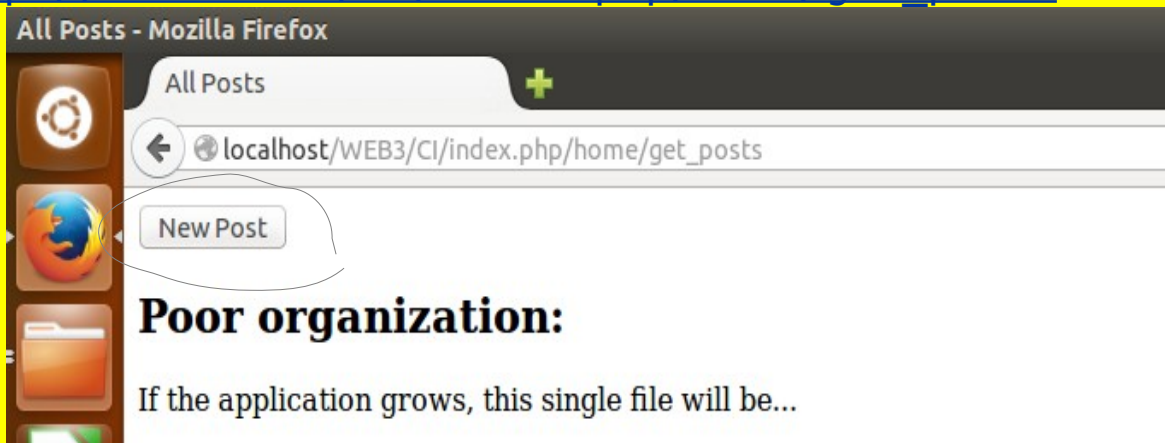
4.2 editing our view that we previously created called something.php so go to

"C:/wamp/www/CI/application/views/something.php" and edit as highlighted.

```
<!DOCTYPE html>
<html>
  <head>
    <title> All Posts</title>
  </head>
  <body>
    <?php
    echo anchor('Home/add_post/', "<button> New Post</button>");
    foreach ($posts as $row) {
    echo "<h2>".$row->title."</h2>";
    echo "<p>".substr(strip_tags($row->body), 0,50)."...". "</p>";
    echo anchor('Home/details/'.$row->id, "<button> show more</button> ");
    }
    ?>
  </body>
</html>
```

the new page if you load this url will look like below

http://localhost/CI/index.php/home/get_posts



so if now we click on New Post button it will call a function in called add_post() in the home controller.

4.3 now create two function in our controller the first one to load a view contains form and the second to collect the form data and send to model. Go to "C:wamp/www/CI/application/controllers/Home.php" and add these two function as highlighted.

<?php

```
class Home extends CI_Controller {

    function __construct() {
        parent::__construct();
    }

    function index(){

        echo "Hello CodeIgniter";

    }

    function dynamic_view(){
        $data['title'] = 'Dynamic View';
        $data['body'] = 'A view for Dynamic Contents!';
        $this->load->view('some_view',$data);

    }

    function get_posts(){
        $this->load->model('Posts_model');
        $data['posts']=$this->Posts_model->get_posts();
        $data['body']= array('name' =>'Ali' , 'lname' =>'madidi' );
        $this->load->view('something',$data);

    }

    function details($id){
        $this->load->model('Posts_model');
        $data['post']=$this->Posts_model->get_post($id);
        $this->load->view('show_d',$data);

    }

    function add_post(){
        $this->load->view('new_post');
    }

    // -----

    function add(){
        $this->load->model('Posts_model');
        $data = array('title' =>$this->input->post('title') ,
            'body' =>$this->input->post('body')
        );
        $this->Posts_model->add_post($data);
        redirect('home/get_posts');

    }

}
```

4.4 now we need to create a view for a form that is loaded with add_post function of our Home controller.

Go to C/wamp/www/CI/application/views/ directory and create a file called new_post.php and write php and html code for constructing the form.

```
<!DOCTYPE html>
<html>
    <head>
        <title> New Post</title>
    </head>
    <body>
        <?php echo form_open( 'Home/add' )?>
        <table>
            <tr>
                <td>
                    Title
                </td>
                <td>
                    <input type=" text" name="title" />
                </td>
            </tr>
            <tr>
                <td>
                    Body
                </td>
                <td>
                    <textarea name="body" cols=" 31" rows=" 12"></textarea>
                </td>
            </tr>
            <tr>
                <td>
                </td>
                <td>
                    <input type="submit" name="submit" value="Add Post" />
                </td>
            </tr>
        </table>
    </body>
</html>
```

4.4.1 if you now click on New Post button you will see this page in your browser.



4.5 now the only thing we need to fill the and to save data into the database so we need to create a function in our previously created model. Go to c/wamp/www/CI/application/models/Posts_model.php and create new function as highlighted.

```
class Posts_model extends CI_Model{

    function get_posts(){
        $posts = $this->db->get('posts');
        return $posts->result();
    }

    function get_post($x){
        $post = $this->db->select()->from('posts')->where('id',$x)->get();
        return $post->row();
    }
    function add_post($data){
        $this->db->insert('posts',$data);
    }
}
```

4.5.1 if we now click on the New Post button we will see the form in the web page and than we can fill it and click on Add Post button the data will be inserted to the database.



4.5.2 now we again check whiter the posts is saved in to the database or not we can load the This url and check it.

http://localhost/CI/index.php/home/get_posts

we will see below page

