

Editing Routing dan Controller CodeIgniter 4 di Windows

Diajukan Untuk Memenuhi Tugas 3 Mata Kuliah

“Pemrograman Web 2”

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**SISTEM INFORMASI
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UNIVERSITAS PESANTREN TINGGI DARUL ULUM
JOMBANG
2023**

1. Membuat Route CI

- membuka file app/config/**Routes.php**
- menambahkan kode ini :

```
$routes->get('/About', 'Page::about');  
$routes->get('/Contact', 'Page::contact');  
$routes->get('/Faqs', 'Page::faqs');
```

- Kemudian mengecek dengan menjalankan perintah **php spark routes**

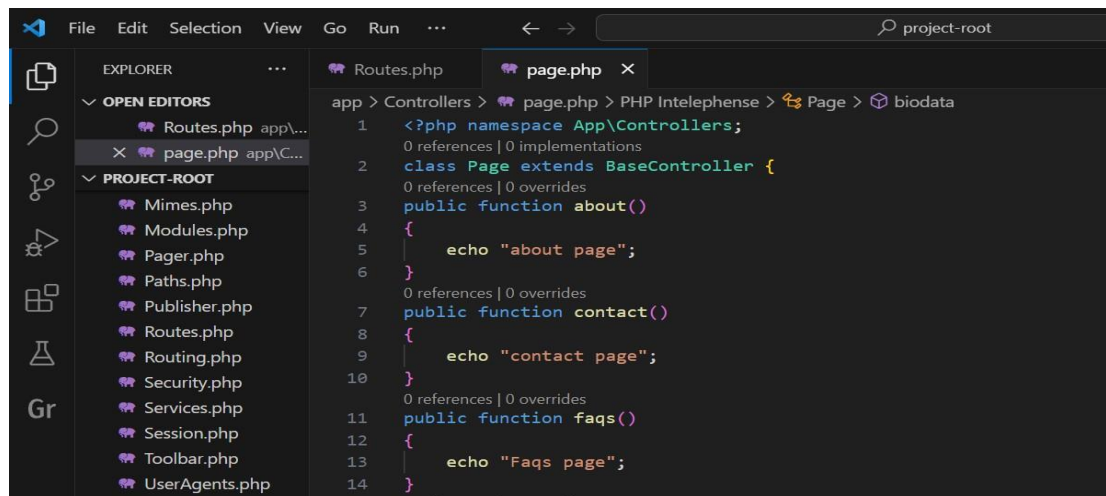
```
BAGUS@LAPTOP-43BNGNMG MINGW64 ~/pemweb-2/pertemuan 3/project-root (main)  
$ php spark routes  
  
CodeIgniter v4.4.6 Command Line Tool - Server Time: 2024-03-05 09:17:03 UTC+00:00  


| Method | Route   | Name | Handler                       | Before Filters | After Filters |
|--------|---------|------|-------------------------------|----------------|---------------|
| GET    | /       | »    | \App\Controllers\Home::index  |                | toolbar       |
| GET    | about   | »    | \App\Controllers\page:about   |                | toolbar       |
| GET    | contact | »    | \App\Controllers\page:contact |                | toolbar       |
| GET    | faqs    | »    | \App\Controllers\page:faqs    |                | toolbar       |


```

2. Membuat Controller

- Membuat file baru di dalam folder **app/Controllers** dengan nama **Page.php**
- Menulis dengan kode berikut:



```
app > Controllers > page.php > PHP Intelephense > Page > biodata  
1 <?php namespace App\Controllers;  
  0 references | 0 implementations  
2 class Page extends BaseController {  
  0 references | 0 overrides  
3     public function about()  
4     {  
5         echo "about page";  
6     }  
  0 references | 0 overrides  
7     public function contact()  
8     {  
9         echo "contact page";  
10    }  
  0 references | 0 overrides  
11     public function faqs()  
12     {  
13         echo "Faqs page";  
14    }
```

3. Uji Coba

- a. Menulis perintah **php spark serve** pada gitbash untuk menjalankan server local.

```
BAGUS@LAPTOP-43BNGNMG MINGW64 ~/pemweb-2/pertemuan 3/project-root (main)
$ php spark serve

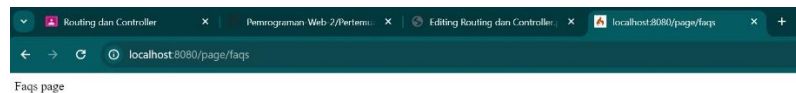
CodeIgniter v4.4.6 Command Line Tool - Server Time: 2024-03-05 09:36:42 UTC+00:00

CodeIgniter development server started on http://localhost:8080
Press Control-C to stop.
[Tue Mar 5 16:36:42 2024] PHP 8.2.4 Development Server (http://localhost:8080) started
[Tue Mar 5 16:36:50 2024] [::1]:58125 Accepted
[Tue Mar 5 16:36:50 2024] [::1]:58126 Accepted
[Tue Mar 5 16:36:51 2024] [::1]:58125 Closing
[Tue Mar 5 16:36:51 2024] [::1]:58126 Closed without sending a request; it was probably just an unused speculative preconnection
[Tue Mar 5 16:36:51 2024] [::1]:58126 Closing
[Tue Mar 5 16:38:07 2024] [::1]:58143 Accepted
[Tue Mar 5 16:38:07 2024] [::1]:58144 Accepted
[Tue Mar 5 16:38:08 2024] [::1]:58143 Closing
[Tue Mar 5 16:38:08 2024] [::1]:58144 [200]: GET /favicon.ico
[Tue Mar 5 16:38:08 2024] [::1]:58144 Closing
[Tue Mar 5 16:46:34 2024] [::1]:58189 Accepted
[Tue Mar 5 16:46:34 2024] [::1]:58190 Accepted
[Tue Mar 5 16:46:34 2024] [::1]:58189 Closing
[Tue Mar 5 16:46:34 2024] [::1]:58190 [200]: GET /favicon.ico
[Tue Mar 5 16:46:34 2024] [::1]:58190 Closing
[Tue Mar 5 16:47:14 2024] [::1]:58191 Accepted
[Tue Mar 5 16:47:14 2024] [::1]:58192 Accepted
[Tue Mar 5 16:47:14 2024] [::1]:58191 Closing
[Tue Mar 5 16:47:22 2024] [::1]:58192 Closed without sending a request; it was probably just an unused speculative preconnection
[Tue Mar 5 16:47:22 2024] [::1]:58192 Closing
[Tue Mar 5 16:50:32 2024] [::1]:58198 Accepted
[Tue Mar 5 16:50:32 2024] [::1]:58199 Accepted
[Tue Mar 5 16:50:32 2024] [::1]:58198 Closing
[Tue Mar 5 16:50:32 2024] [::1]:58199 [200]: GET /favicon.ico
[Tue Mar 5 16:50:32 2024] [::1]:58199 Closing
[Tue Mar 5 16:58:35 2024] [::1]:58226 Accepted
[Tue Mar 5 16:58:35 2024] [::1]:58227 Accepted
[Tue Mar 5 16:58:35 2024] [::1]:58226 Closing
[Tue Mar 5 16:58:43 2024] [::1]:58227 Closed without sending a request; it was probably just an unused speculative preconnection
[Tue Mar 5 16:58:43 2024] [::1]:58227 Closing
```

- b. Membuka browser dan mengetik perintah berikut:

- localhost:8080/about
- localhost:8080/contact
- localhost:8080/faqs

jika sudah muncul halaman seperti dibawah ini berarti sudah berhasil



4. Setting Auto Route

- a. Menambahkan kode berikut dengan pada file route, sehingga kita tidak perlu repot-repot menulis routes secara manual

```
$routes->setAutoRoute(true);
```

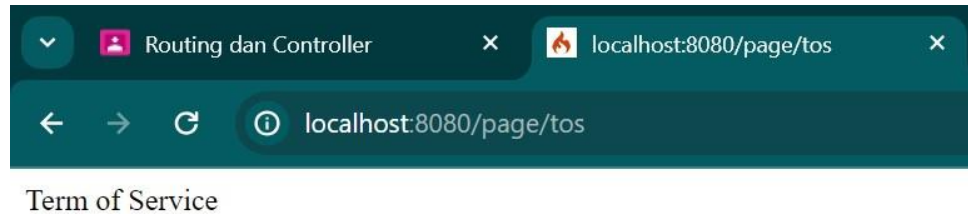
- b. Menambahkan method **tos()** pada Controllers/**Page.php**

```

15 public function tos()
16 {
17     echo "Term of Service";
18 }

```

- c. Mengetik di browser **localhost:8080/index.php/page/tos**. Jika muncul seperti di bawah ini maka telah berhasil



5. Tantangan

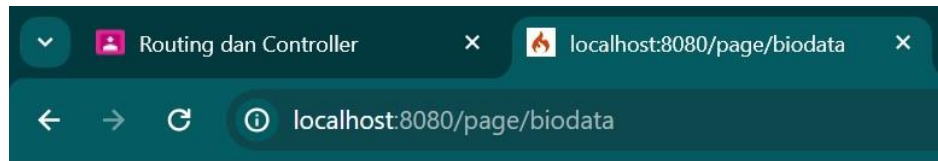
- a. Membuat method biodata() di Controllers/**Page.php**

```

19 public function biodata()
20 {
21     echo "NIM      : 4122016";
22     echo "<br>Nama   : Muhamad Bagus Ardiansyah";
23     echo "<br>Alamat : Plandaan, Jombang";
24     echo "<br>Gender : Laki - Laki";
25     echo "<br>Umur  : 20";
26     echo "<br>Hobi   : Memancing";
27     echo "<br>E-mail  : bagusardiansyah614@gmail.com";
28     echo "<br>No. HP  : 081252756141";
29
30
31 }

```

- b. Mengetik di browser **localhost:8080/index.php/page/biodata**. Jika muncul seperti di bawah ini maka telah berhasil



NIM : 4122016

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Alamat : Plandaan, Jombang

Gender : Laki - Laki

Umur : 20

Hobi : Memancing

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