CODEIGNITER
PAGINATION & SEARCHING
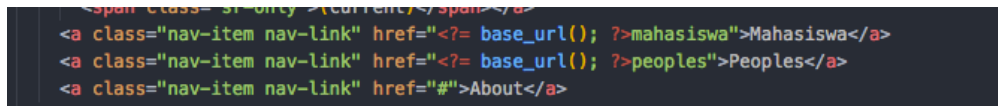
REKAYASA WEB
2019/2020

Dibuat oleh Hazar Hamzah

Modul ini merupakan lanjutan dari materi sebelumnya mengenai **CODEIGNITER,** diharapkan sudah memiliki projek CI-APP dan databasenya.
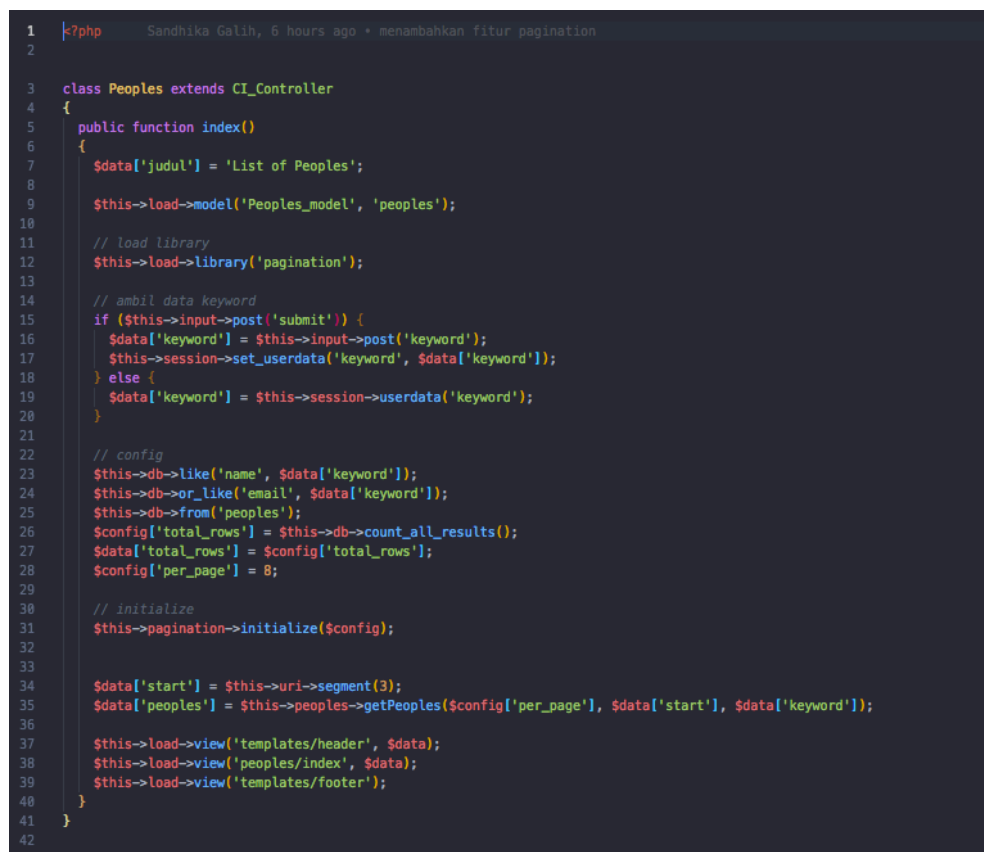
Pagination

- Download resource di https://rekweb.if-unpas.org/#download untuk menambahkan tabel baru yang akan digunakan untuk data di pagination.

- Import database yang sudah terdownload pada database **phpmvc.** jika berhasil akan ada tabel **peoples** pada database phpmvc**.**
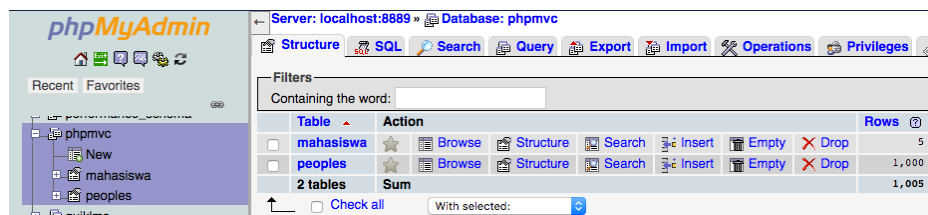
- Masuk ke file **header.php** kemudian tambahkan navigasi untuk **peoples**.

- Buat Controller **People.php** seperti pada gambar.

```php
<?php        Sandhika Galih, 6 hours ago • menambahkan fitur pagination

class Peoples extends CI_Controller
{
  public function index()
  {
    $data['judul'] = 'List of Peoples';

    $this->load->model('Peoples_model', 'peoples');

    // load library
    $this->load->library('pagination');

    // ambil data keyword
    if ($this->input->post('submit')) {
      $data['keyword'] = $this->input->post('keyword');
      $this->session->set_userdata('keyword', $data['keyword']);
    } else {
      $data['keyword'] = $this->session->userdata('keyword');
    }

    // config
    $this->db->like('name', $data['keyword']);
    $this->db->or_like('email', $data['keyword']);
    $this->db->from('peoples');
    $config['total_rows'] = $this->db->count_all_results();
    $data['total_rows'] = $config['total_rows'];
    $config['per_page'] = 8;

    // initialize
    $this->pagination->initialize($config);


    $data['start'] = $this->uri->segment(3);
    $data['peoples'] = $this->peoples->getPeoples($config['per_page'], $data['start'], $data['keyword']);

    $this->load->view('templates/header', $data);
    $this->load->view('peoples/index', $data);
    $this->load->view('templates/footer');
  }
}
```

- Buat Folder **Peoples** pada **View** yang berisi **index.php** .

```php
Sandhika Galih, 6 hours ago | 1 author (Sandhika Galih)
1  <div class="container">          Sandhika Galih, 6 hours ago • menambahkan fitur pagination
2    <h3 class="mt-3">List of Peoples</h3>
3
4    <div class="row">
5      <div class="col-md-5">
6        <form action="<?= base_url('peoples'); ?>" method="post">
7          <div class="input-group mb-3">
8            <input type="text" class="form-control" placeholder="Search keyword.." name="keyword" autocomplete="off" autofocus>
9            <div class="input-group-append">
10             <input class="btn btn-primary" type="submit" name="submit">
11           </div>
12         </div>
13       </form>
14     </div>
15   </div>
16
17   <div class="row">
18     <div class="col-md">
19       <h5>Results : <?= $total_rows; ?></h5>
20       <table class="table">
21         <thead>
22           <tr>
23             <th>#</th>
24             <th>Name</th>
25             <th>Email</th>
26             <th>Action</th>
27           </tr>
28         </thead>
29         <tbody>
30           <?php if (empty($peoples)) : ?>
31             <tr>
32               <td colspan="4">
33                 <div class="alert alert-danger" role="alert">
34                   data not found!
35                 </div>
36               </td>
37             </tr>
38           <?php endif; ?>
39           <?php foreach ($peoples as $people) : ?>
40             <tr>
41               <th><?= ++$start; ?></th>
42               <td><?= $people['name']; ?></td>
43               <td><?= $people['email']; ?></td>
44               <td>
45                 <a href="" class="badge badge-warning">detail</a>
46                 <a href="" class="badge badge-success">edit</a>
47                 <a href="" class="badge badge-danger">delete</a>
48               </td>
49             </tr>
50           <?php endforeach; ?>
51         </tbody>
52       </table>
53
54       <?= $this->pagination->create_links(); ?>
55
56     </div>
57   </div>
58 </div>
```

- Buat **Peoples_model.php** pada folder models, untuk mengambil data pada database.

```php
application > models > 🐘 Peoples_model.php > ...
     Sandhika Galih, 7 hours ago | 1 author (Sandhika Galih)
1    <?php      Sandhika Galih, 7 hours ago • menambahkan fitur pagination
2
     Sandhika Galih, 7 hours ago | 1 author (Sandhika Galih)
3    class Peoples_model extends CI_Model
4    {
5      public function getAllPeoples()
6      {
7        return $this->db->get('peoples')->result_array();
8      }
9
10     public function getPeoples($limit, $start, $keyword = null)
11     {
12       if ($keyword) {
13         $this->db->like('name', $keyword);
14         $this->db->or_like('email', $keyword);
15       }
16       return $this->db->get('peoples', $limit, $start)->result_array();
17     }
18
19     public function countAllPeoples()
20     {
21       return $this->db->get('peoples')->num_rows();
22     }
23   }
24
```

- Buat file **pagination.php** pada folder **config**, seperti pada gambar. Dimana pada file ini berisi style untuk pagination.

```php
application > config > 🐘 pagination.php
     Sandhika Galih, 7 hours ago | 1 author (Sandhika Galih)
1    <?php
2    // config
3    $config['base_url'] = 'http://localhost/ci-app/peoples/index';
4    $config['num_links'] = 5;
5
6    // styling
7    $config['full_tag_open'] = '<nav><ul class="pagination justify-content-center">';
8    $config['full_tag_close'] = '</ul></nav>';
9
10   $config['first_link'] = 'First';
11   $config['first_tag_open'] = '<li class="page-item">';
12   $config['first_tag_close'] = '</li>';
13
14   $config['last_link'] = 'Last';
15   $config['last_tag_open'] = '<li class="page-item">';
16   $config['last_tag_close'] = '</li>';
17
18   $config['next_link'] = '&raquo';
19   $config['next_tag_open'] = '<li class="page-item">';
20   $config['next_tag_close'] = '</li>';
21
22   $config['prev_link'] = '&laquo';
23   $config['prev_tag_open'] = '<li class="page-item">';
24   $config['prev_tag_close'] = '</li>';
25
26   $config['cur_tag_open'] = '<li class="page-item active"><a class="page-link" href="#">';
27   $config['cur_tag_close'] = '</a></li>';
28
29   $config['num_tag_open'] = '<li class="page-item">';
30   $config['num_tag_close'] = '</li>';
31
32   $config['attributes'] = array('class' => 'page-link');
33
```

TERIMAKASIH