

LAPORAN JOBSHEET 6

(DataTables User dan DOM PDF)

**Disusun sebagai
MATA KULIAH :
Pemrograman Web Lanjut**



TI-2B

OLEH

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PROGAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

2020

Bagian 1 – Menampilkan detail data dari database menggunakan codeigniter

| No | Keterangan |
|----|--|
| 1 | <p>Untuk menggunakan DataTables silahkan menyisipkan DataTables melalui CDN</p> <pre><script src="https://cdn.datatables.net/1.10.20/js/jquery.dataTables.min.js"></script> <link rel="stylesheet" href="https://cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css"> <script src="https://code.jquery.com/jquery-3.4.1.js"></script></pre> |
| 2 | <p>Ada 2 cara penggunaan.datatables yaitu dengan cara <i>online</i> yaitu dengan cara menyisipkan CDN atau dengan cara <i>offline</i> yaitu dengan cara mendownload pada situs https://datatables.net/</p> |
| 3 | <p>Tambahkan code berikut pada controller user</p> <pre>User.php x codekeempat > application > controllers > User.php > ... 1 <?php 2 defined('BASEPATH') OR exit('No direct script access allowed'); 3 class User extends CI_Controller { 4 5 public function __construct() 6 { 7 parent::__construct(); 8 \$this->load->helper('url'); 9 \$this->load->helper('form'); 10 \$this->load->model('login_model'); 11 \$this->load->model('mahasiswa_model'); 12 if(\$this->session->userdata('level')!="user"){ 13 redirect('login','refresh'); 14 } 15 } 16 17 18 public function index() 19 { 20 \$data = array(21 'title' => 'data mahasiswa', 22 'mahasiswa' => \$this->mahasiswa_model->datatables() 23); 24 \$this->load->view('template/header_datatables_user', \$data); 25 \$this->load->view('mahasiswa/user', \$data); 26 \$this->load->view('template/footer_datatables_user'); 27 } 28 } 29 }</pre> |

- 4 Buatlah `header_datatables_user` dan `footer_datatables_user` pada `views/template`
- `header_datatables_user`

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <!-- Bootstrap -->
  <link rel="stylesheet" href=
"https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
      integrity="sha384-Vkoo8x4CGs03+Hhvx8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
      crossorigin="anonymous">

  <title><?= $title ?></title>

  <script src="https://cdn.datatables.net/1.10.20/js/jquery.dataTables.min.js"></script>
  <link rel="stylesheet" href=
"https://cdn.datatables.net/1.10.20/css/jquery.dataTables.min.css">
  <script src="https://code.jquery.com/jquery-3.4.1.js"></script>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-light bg-light">
    <div class="container">
      <a class="navbar-brand" href="#">CI</a>
      <button class="navbar-toggler" type="button" data-toggle="collapse" data-target=
"#navbarNavAltMarkup"
          aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label=
"Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
        <div class="navbar-nav">
          <a class="nav-item nav-link" href="<?= base_url();?>">About</a>
          <a class="nav-item nav-link" href="<?= base_url();?>login/logout">Logout</a>
        </div>
      </div>
    </div>
  </nav>
```

- `footer_datatables_user`

```
footer_datatables_user.php X header_datatables_user.php
codekeempat > application > views > template > footer_datatables_user.php > ...
1 <script type="text/javascript">
2 $(document).ready(function(){
3   $('#list_mhs').Datatable();
4 });
5 </script>
6 </body>
7 </html>
```

5 Tambahkan code berikut pada **views/mahasiswa/user**

```

1 <div class="container" style="margin-top: 20px">
2   <div class="col-md-12">
3     <h1 style="text-align: center; margin-bottom: 30px">Data Mahasiswa</h1>
4   </div>
5   <table class="table table-striped table-bordered" id="list_mhs">
6     <thead>
7       <tr>
8         <th>#</th>
9         <th>Nama</th>
10        <th>Email</th>
11        <th>Jurusan</th>
12      </tr>
13    </thead>
14    <tbody>
15      <?php
16        $no=1;
17        foreach($mahasiswa as $mhs) { ?>
18          <tr>
19            <td><?= $no++ ?></td>
20            <td><?= $mhs->nama ?></td>
21            <td><?= $mhs->email ?></td>
22            <td><?= $mhs->jurusan ?></td>
23          </tr>
24        <?php } ?>
25      </tbody>
26    </table>
27  </div>

```

6 Tambahkan **function datatables** pada **mahasiswa_model**

```

public function datatables(){
    $query = $this->db->order_by('id', 'DESC')->get('mahasiswa');
    return $query->result();
}

```

7 Hasil

CI About Logout

Data Mahasiswa

Show 10 entries

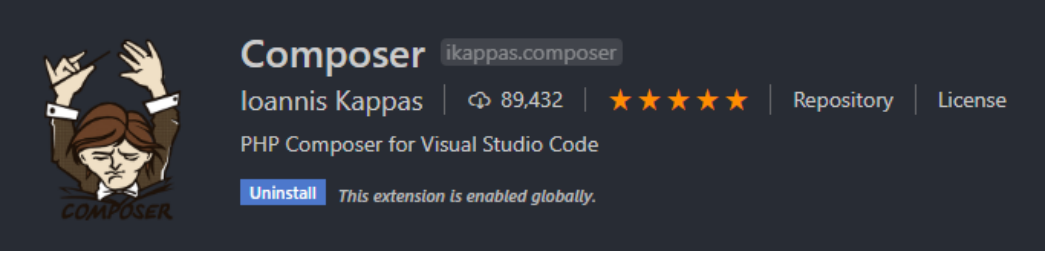
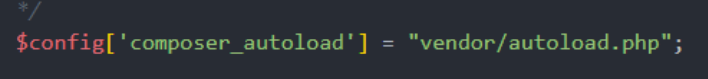
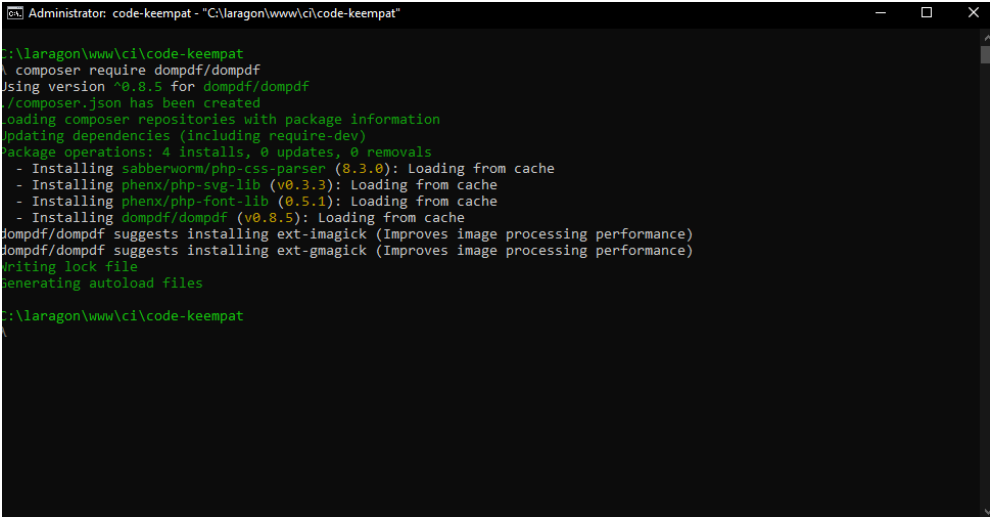
Search:

| # | Nama | Email | Jurusan |
|---|--------------------|---------------------------|--------------------|
| 1 | Martin Amanu Asiap | martinamanu@gmail.com | Teknik Informatika |
| 2 | Wildan Dawam Bash | wildandawambash@gmail.com | Informatika |
| 3 | soni | soni@gmail.com | mesin |
| 4 | dika | dika@gmail.com | informatika |

Showing 1 to 4 of 4 entries

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Bagian 1 – Menampilkan detail data dari database menggunakan codeigniter

| No | Keterangan |
|----|---|
| 1 | <p><i>Install extensions Composer</i> pada visualCode</p>  |
| 2 | <p>Konfigurasi composer_autoloadnya. Buka file application/config/config.php dan rubah menjadi seperti berikut</p>  |
| 3 | <p>Selanjutnya proses <i>install</i> dompdf menggunakan <i>composer</i>. Untuk menginstall dompdf menggunakan <i>composer</i> pastikan proses <i>install</i> tersebut pada folder codeIgniter kita. Untuk perintah <i>install</i> dompdfnya seperti berikut</p>  |

4 Buatlah file php dengan nama pdf.php pada *libraries*

```
<?php defined('BASEPATH') OR exit('No direct script access allowed');

use Dompdf\Dompdf;
class Pdf extends Dompdf{
    public $filename;
    public function __construct()
    {
        parent::__construct();
        $this->filename = "laporan.pdf";
    }

    protected function ci(){
        return get_instance();
    }

    public function load_view($view, $data = array()){
        $html = $this->ci()->load->view($view, $data, TRUE);
        $this->load_html($html);
        $this->render();
        $this->stream($this->filename, array("Attachment" => false));
    }
}
```

5 Setelah itu kita coba membuat sebuah **function** pada **controller user** dengan nama **laporan_pdf**

```
public function laporan_pdf(){
    $this->load->library('Pdf');

    $data['mahasiswa'] = $this->cetak_model->view();
    $this->load->library('Pdf');

    $this->pdf->setPaper('A4', 'potrait');
    $this->pdf->filename = "laporan-petanikode.pdf";
    $this->pdf->load_view('mahasiswa/laporan', $data);
}
```

6 Buat **modelnya** dengan nama **cetak_model.php**

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

class Cetak_model extends CI_Model {

    public function view(){
        $this->db->select('nama,email,jurusan');
        $query = $this->db->get('mahasiswa');
        return $query->result();
    }

}
?>
```

Buat viewnya dengan nama **laporan** pada folder **mahasiswa**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Report Table</title>
    <style type="text/css">
        #outtable{
            padding: 20px;
            border: 1px solid #e3e3e3;
            width: 600px;
            border-radius: 5px;
        }
        .short{
            width: 50px;
        }
        .normal{
            width: 150px;
        }
        table{
            border-collapse: collapse;
            font-family: arial;
            color: #5E5B5C;
        }
        thead th{
            text-align: left;
            padding: 10px;
        }
        tbody td{
            border-top: 1px solid #e3e3e3;
            padding: 10px;
        }
        tbody tr:nth-child(even){
            background: #f6f5fa;
        }
        tbody tr:hover{
            background: #EAE9F5;
        }
    </style>
</head>
<body>
    <div id="outtable">
        <table>
            <thead>
                <tr>
                    <th class="short">#</th>
                    <th class="normal">Nama</th>
                    <th class="normal">Email</th>
                    <th class="normal">Jurusan</th>
                </tr>
            </thead>
        </table>
        <tbody>
            <?php $no=1 ?>
            <?php foreach($mahasiswa as $user) : ?>
                <tr>
                    <td><?= $no; ?></td>
                    <td><?= $user->nama ?></td>
                    <td><?= $user->email ?></td>
                    <td><?= $user->jurusan ?></td>
                </tr>
                <?php $no++ ?>
            <?php endforeach ?>
        </tbody>
    </div>
</body>
</html>
```

7 Buka file **header_datatables_user.php** dan tambahkan *link* cetak laporan pada navbar *line* 30

```
<div class="collapse navbar-collapse" id="navbarNavAltMarkup">
  <div class="navbar-nav">
    <a class="nav-item nav-link" href="<?= base_url();?>user/laporan_pdf">Cetak Laporan</a>
    <a class="nav-item nav-link" href="<?= base_url();?>login/logout">Logout</a>
  </div>
</div>
```

8 Jika berhasil hasilnya akan seperti ini

| # | Nama | Email | Jurusan |
|---|-------|---------------------|--------------------|
| 1 | dina | dina@gmail.com | Teknik Kimia |
| 2 | dika | dika@gmail.com | informatika |
| 3 | soni | soni@gmail.com | mesin |
| 4 | unero | rr@gmail.com | Teknik Informatika |
| 5 | ani | anikampus@gmail.com | kimia |
| 6 | Supri | supri@gmail.com | kimia |
| 7 | Ciko | ciko@yahoo.com | kimia |