

LAPORAN TUGAS PEMROGRAMAN WEB LANJUT

“JOBSHEET 6”



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**PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
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Praktikum – Bagian 1: Menggunakan DataTables pada Halaman User

1	<p>Gunakan CDN berikut</p> <pre><script src="https://code.jquery.com/jquery-3.1.0.js"></script> <script src="//cdn.datatables.net/1.10.12/js/jquery.dataTables.min.js"></script></pre>
2	<p>Tambahkan code pada controller user</p> <pre>helloci > application > controllers > user.php > ... 1 <?php 2 defined('BASEPATH') or exit('No direct script access allowed'); 3 4 class user extends CI_Controller 5 { 6 public function __construct() 7 { 8 parent::__construct(); 9 \$this->load->helper('url'); 10 \$this->load->helper('form'); 11 \$this->load->model('login_model'); 12 \$this->load->model('mahasiswa_model'); 13 14 if (\$this->session->userdata('level') != "user") { 15 session_destroy(); 16 redirect('login', 'refresh'); 17 } 18 } 19 20 public function index() 21 { 22 \$data = array(23 'title' => 'Data Mahasiswa', 24 'mahasiswa' => \$this->mahasiswa_model->datatables() 25); 26 \$this->load->view('template/header_datatables_user', \$data); 27 \$this->load->view('mahasiswa/user', \$data); 28 \$this->load->view('template/footer_datatables_user'); 29 } 30 }</pre>

- 3 Buat file `header_datatables_user`, disini saya mendownload cdnnya sehingga bisa digunakan secara offline

```
helloci > application > views > template > header_datatables_user.php > html > body > nav.navbar.navbar-expand-lg.navbar-light.bg-light
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8   <link rel="stylesheet" href="{%= base_url() %}assets/css/bootstrap.min.css" type="text/css">
9
10  <title>{%= $title %}</title>
11  <link rel="stylesheet" type="text/css" media="screen" href="{%= base_url() %}assets/css/jquery.dataTables.min.css">
12  <script src="{%= base_url() %}assets/js/jquery.min.js"></script>
13  <script src="{%= base_url() %}assets/js/jquery.dataTables.min.js"></script>
14 </head>
15
16 <body>
17   <nav class="navbar navbar-expand-lg navbar-light bg-light">
18     <div class="container">
19       <a class="navbar-brand" href="#">CI</a>
20       <button class="navbar-toggler" type="button" data-toggle="collapse"
21         data-target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-label="Toggle navigation">
22         <span class="navbar-toggler-icon"></span>
23       </button>
24       <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
25         <div class="navbar-nav">
26           <!-- <a class="nav-item nav-link active" href="{%= base_url(); %}home">Home <span class="sr-only">(current)</span></a> -->
27           <a class="nav-item nav-link" href="{%= base_url(); %}">About</a>
28           <a class="nav-item nav-link" href="{%= base_url(); %}login/logout">Logout</a>
29         </div>
30       </div>
31     </div>
32   </nav>
```

Buat `footer_datatables_user`

```
helloci > application > views > template > footer_datatables_user.php > ...
1 <script type="text/javascript">
2   $(document).ready(function() {
3     $('#list_mhs').DataTable();
4   });
5 </script>
6 <script src="{%= base_url() %}assets/js/bootstrap.min.js"></script>
7 </body>
8
9 </html>
```

4 Tambahkan code berikut pada views/mahasiswa/user

```

user.php ...mahasiswa > footer_datatables_user.php user.php ...controllers index.php
helloci > application > views > mahasiswa > user.php > div.container
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 <?>
19 <tr>
20 <td><? $no++; ?></td>
21 <td><? $mhs->nama ?></td>
22 <td><? $mhs->email ?></td>
23 <td><? $mhs->jurusan ?></td>
24 </tr>
25 <?php
26 } ?>
27 </tbody>
28 </table>
29 </div>

```

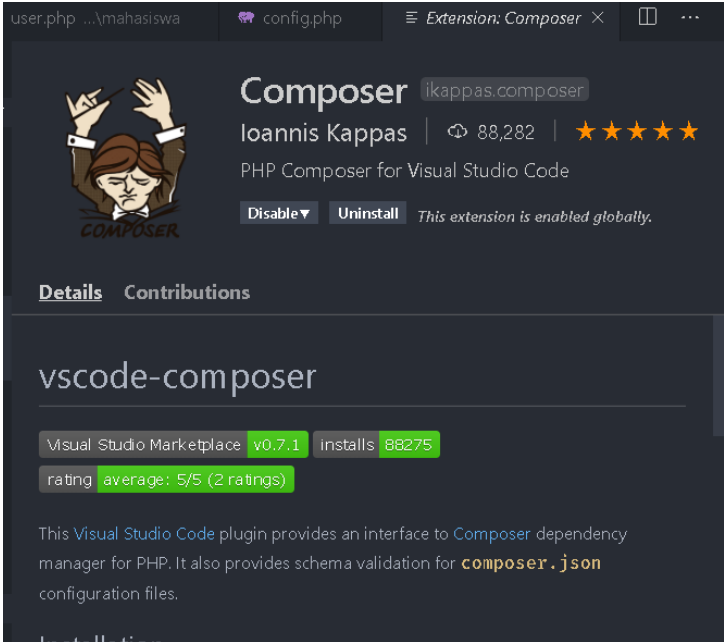
5 Hasil

Data Mahasiswa

Show 10 entries Search:

#	Nama	Email	Jurusan
1	Vertique Amerique	vertique@gmail.com	Teknik Industri
2	Diego Amerique Martinez	diego.amerique@gmail.com	Teknik Industri
3	Allan Noufal	alfannou@gmail.com	teknologi informasi
4	Osa Mahanani	osamahanani@gmail.com	teknologi informasi
5	Husnul Hotimah	husnul11@gmail.com	teknologi informasi
6	Hunayn Risatayn	hunaynr@gmail.com	Teknologi Informasi
7	Sugeng Prastyo	sugengpras@gmail.com	Teknologi Informasi
8	Martin Amanu Khusna	martin@gmail.com	Teknologi Informasi
9	Ardan Anjung Kusuma	ardananjungkusuma@gmail.com	Teknologi Informasi

Showing 1 to 9 of 9 entries Previous 1 Next

	Praktikum – Bagian 2: Menggunakan DOMPdF dengan Codelgniter
1	Install composer 
2	Konfigurasi composer_autoloadnya. Buka file application/config/config.php dan rubah menjadi seperti berikut <pre> 138 */ 139 \$config['composer_autoload'] = "vendor/autoload.php"; 140 </pre>
3	Install dompdf dengan composer

	<pre> C:\xampp\htdocs\hellooci>composer require dompdf/dompdf Deprecation warning: require-dev.mikey179/vfsStream is invalid, it should not contain uppercase characters. Please use mikey179/vfsstream instead. Make sure you fix this as Composer 2.0 will error. Using version ^0.8.5 for dompdf/dompdf ./composer.json has been updated Deprecation warning: require-dev.mikey179/vfsStream is invalid, it should not contain uppercase characters. Please use mikey179/vfsstream instead. Make sure you fix this as Composer 2.0 will error. Loading composer repositories with package information Updating dependencies (including require-dev) Package operations: 31 installs, 0 updates, 0 removals - Installing sabberworm/php-css-parser (8.3.0): Loading from cache - Installing phenx/php-svg-lib (v0.3.3): Loading from cache - Installing phenx/php-font-lib (0.5.1): Loading from cache - Installing dompdf/dompdf (v0.8.5): Loading from cache - Installing mikey179/vfsstream (v1.1.0): Downloading (100%) - Installing myclabs/deep-copy (1.9.5): Downloading (100%) - Installing sebastian/version (2.0.1): Downloading (100%) - Installing sebastian/resource-operations (1.0.0): Downloading (100%) - Installing sebastian/recursion-context (2.0.0): Downloading (100%) - Installing sebastian/object-enumerator (2.0.1): Downloading (100%) - Installing sebastian/global-state (1.1.1): Downloading (100%) - Installing sebastian/exporter (2.0.0): Downloading (100%) - Installing sebastian/environment (2.0.0): Downloading (100%) - Installing sebastian/diff (1.4.3): Downloading (100%) - Installing sebastian/comparator (1.2.4): Downloading (100%) - Installing symfony/polyfill-ctype (v1.14.0): Downloading (100%) - Installing symfony/yaml (v4.4.5): Downloading (100%) - Installing doctrine/instantiator (1.3.0): Downloading (100%) - Installing webmozart/assert (1.7.0): Downloading (100%) - Installing phpdocumentor/reflection-common (2.0.0): Downloading (100%) - Installing phpdocumentor/type-resolver (1.1.0): Downloading (100%) - Installing phpdocumentor/reflection-docblock (5.1.0): Downloading (100%) - Installing phpspec/prophecy (v1.10.3): Downloading (100%) - Installing phpunit/php-text-template (1.2.1): Downloading (100%) - Installing phpunit/phpunit-mock-objects (3.4.4): Downloading (100%) - Installing phpunit/php-timer (1.0.9): Downloading (100%) - Installing sebastian/code-unit-reverse-lookup (1.0.1): Downloading (connecting... Downloading (100%) - Installing phpunit/php-token-stream (2.0.2): Downloading (100%) - Installing phpunit/php-file-iterator (1.4.5): Downloading (100%) - Installing phpunit/php-code-coverage (4.0.8): Downloading (100%) - Installing phpunit/phpunit (5.7.27): Downloading (100%) dompdf/dompdf suggests installing ext-imagick (Improves image processing performance) dompdf/dompdf suggests installing ext-gmagick (Improves image processing performance) sebastian/global-state suggests installing ext-uopz (*) symfony/yaml suggests installing symfony/console (For validating YAML files using the </pre>
4	Buat file php dengan nama.pdf pada libraries

```

helloci > application > libraries > pdf.php > PHP Intelephense > pdf
1  <?php defined('BASEPATH') or exit('No direct script allowed');
2
3  use Dompdf\Dompdf;
4
5  class pdf extends Dompdf
6  {
7      /**
8       * PDF filename
9       * @var String
10      */
11      public $filename;
12      public function __construct()
13      {
14          parent::__construct();
15          $this->filename = "laporan.pdf";
16      }
17      /**
18       * Get an instance of CodeIgniter
19       *
20       * @access protected
21       * @return void
22       */
23      protected function ci()
24      {
25          return get_instance();
26      }
27      /**
28       * Load a CodeIgniter view into domPDF
29       *
30       * @access public
31       * @param string $view The view to load
32       * @param array $data The view data
33       * @return void
34       */
35      public function load_view($view, $data = array())
36      {
37          $html = $this->ci()->load->view($view, $data, TRUE);
38          $this->load_html($html);
39          // Render the PDF
40          $this->render();

```

5 Membuat function pada controller user

```

32
33      public function laporan_pdf()
34      {
35          $this->load->library('pdf');
36
37          $data['mahasiswa'] = $this->cetak_model->view();
38          $this->load->library('pdf');
39
40          $this->pdf->setPaper('A4', 'potrait');
41          $this->pdf->filename = "laporan-oke.pdf";
42          $this->pdf->load_view('mahasiswa/laporan', $data);
43      }

```

6 Membuat modelnya dengan cetak_model.php

```

cetak_model.php X laporan.php header_datatables_user.php user.php ...
helloci > application > models > cetak_model.php > PHP Intelephense > cetak_model > view
1  <?php
2
3  defined('BASEPATH') or exit('No direct script access allowed');
4
5  class cetak_model extends CI_Model
6  {
7      public function view()
8      {
9          $this->db->select('nama,email,jurusan');
10         $query = $this->db->get('mahasiswa');
11         return $query->result();
12     }
13 }
```

Buat viewnya dengan kode berikut pada folder mahasiswa

```

<!DOCTYPE html>
<html>

<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;
        }
    </style>

```



```

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>
            <tbody>
                <?php $no = 1; ?>
                <?php foreach ($mahasiswa as $user) : ?>
                    <tr>
                        <td><?php echo $no; ?></td>
                        <td><?php echo $user->nama; ?></td>
                        <td><?php echo $user->email; ?></td>
                        <td><?php echo $user->jurusan; ?></td>
                    </tr>
                    <?php $no++; ?>
                <?php endforeach; ?>
            </tbody>
        </table>
    </div>
</body>

</html>

```

13 Mengubah header datatables

```

<div class="collapse navbar-collapse" id="navbarNavAltMarkup">
    <div class="navbar-nav">

```

```

        <!-- <a class="nav-item nav-
link active" href="<?= base_url(); ?>home">Home <span class="sr-only">(current)</span></a> -->
        <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>

```

14 Jika berhasil maka tampilannya akan seperti ini

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65.7% Zoom In Actual Size Fit Width Fit Size Clockwise Anticlockwise Rotate Previous 1 / 1 Page Next Page Continuous reading

#	Nama	Email	Jurusan
1	Ardan Anjung Kusuma	ardananjungkusuma@gmail.com	Teknologi Informasi
2	Martin Amanu Khusna	martin@gmail.com	Teknologi Informasi
3	Sugeng Prastiyo	sugengpras@gmail.com	Teknologi Informasi
4	Hunayn Risatayn	hunaynr@gmail.com	Teknologi Informasi
5	Husnul Hotimah	husnull1@gmail.com	teknologi informasi
6	Osa Mahanani	osamahanani@gmail.com	teknologi informasi
7	Alfan Noufal	alfannou@gmail.com	teknologi informasi
8	Diego Amerique Martinez	diego.amerique@gmail.com	Teknik Industri
9	Vertique Amerique	vertique@gmail.com	Teknik Industri