

**LAPORAN JOBSHEET 6 PEMROGRAMAN WEB LANJUT**  
**DataTables User dan DOM**



Dibuat Oleh :

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POLINEMA 2020/2021**

## Praktikum 1: Menggunakan DataTables pada Halaman User

No	Laporan
1	<p>Untuk menggunakan DataTables kita menyisipkan Data Tabels melalui CDN</p> <pre data-bbox="327 427 1292 600">&lt;script src="https://code.jquery.com/jquery-3.1.0.js"&gt;&lt;/script&gt; &lt;script src="//cdn.datatables.net/1.10.12/js/jquery.dataTables.min.js"&gt;&lt;/script&gt;</pre>
2	<p>Tambahkan <i>code</i> berikut pada <b><i>controller user</i></b></p> <pre data-bbox="327 757 1117 1288">public function __construct(){     parent::__construct();     \$this-&gt;load-&gt;helper('form');     \$this-&gt;load-&gt;helper('url');     \$this-&gt;load-&gt;model('login_model');     \$this-&gt;load-&gt;model('mahasiswa_model');      if( \$this-&gt;session-&gt;userdata('level')!="user"){         redirect('Login','refresh');     } }</pre> <pre data-bbox="327 1310 1236 1691">public function index(){     \$data = array(         'title' =&gt; 'data mahasiswa',         'mahasiswa' =&gt; \$this-&gt;mahasiswa_model-&gt;datatables()     );     \$this-&gt;load-&gt;view('template/header_datatables',\$data);     \$this-&gt;load-&gt;view('user',\$data);     \$this-&gt;load-&gt;view('template/footer_datatables');</pre>

3

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

- `header_datatables_user`

```
<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="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <div class="navbar-nav">
        <a class="nav-link" href="{base_url()}/home">Home </a>
        <a class="nav-link" href="{base_url()}/mahasiswa">Data Mahasiswa</a>
        <a class="nav-link" href="{base_url()}/about">About</a>
        <a class="nav-link" href="{base_url()}/login/logout">Login/Logout</a>
      </div>
    </div>
  </div>
</nav>
```

- `footer_datatables_user`

```
1 <script type="text/javascript">
2   $(document).ready( function () {
3     $('#myTable').DataTable();
4   });
5 </script>
6 <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.js"
7   integrity="sha384-Vkoo8x4CGs03+Hhvxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q"
8   crossorigin="anonymous">
9 </script>
```

4

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

```

<div class="container" style="margin-top:20px">
  <div class="col-md-12">
    <h1 style="text-align: center; margin-bottom:30px">Data Mahasiswa</h1>
  </div>
  <table>
    <thead>
      <tr>
        <th>#</th>
        <th>Nama</th>
        <th>Email</th>
        <th>Jurusan</th>
      </tr>
    </thead>
    <tbody>
      <?php
        $no=1;
        foreach(){?>
          <tr>
            <td><?= $no++;?></td>
            <td><?= $mhs->nama;?></td>
            <td><?= $mhs->email;?></td>
            <td><?= $mhs->jurusan;?></td>
          </tr>
        <?php } ?>
      </tbody>
    </table>
  </div>

```

5

Tambahkan *function* **datatables** pada **mahasiswa\_model**

```

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

```

6

Hasilnya seperti berikut

## Data Mahasiswa

Show 

10

 entries

Search:

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

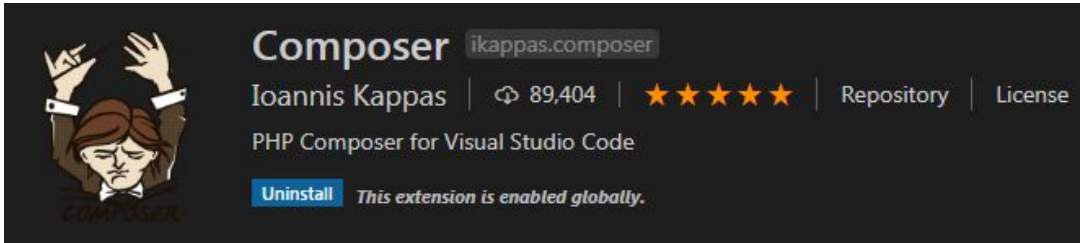
Showing 1 to 7 of 7 entries

Previous

1

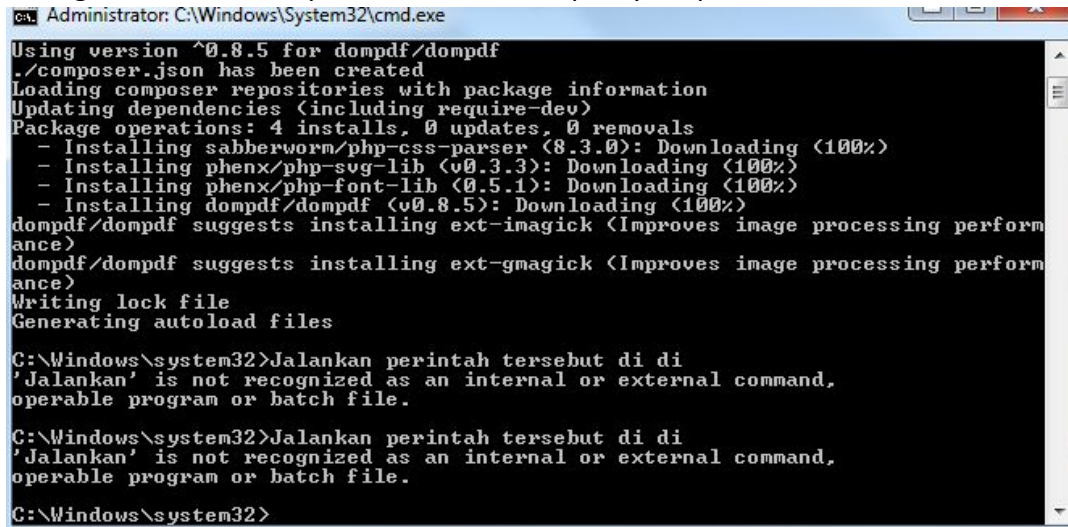
Next

## Praktikum 2: Menggunakan DOMPDF dengan CodeIgniter

No	Laporan
1	<p><b>Install Composer</b></p> 
2	<p>Konfigurasi composer_autoloadnya. Buka file application/config/config.php dan rubah menjadi seperti berikut</p> <pre><code>\$config['composer_autoload'] = "vendor/autoload.php";</code></pre>

3

Selanjutnya proses *install* dompdf menggunakan *composer*. Untuk menginstall dompdf menggunakan *composer* pastikan proses *install* tersebut pada folder codeIgniter kita. Untuk perintah *install* dompdfnya seperti berikut



```
C:\Windows\System32\cmd.exe
Using version ^0.8.5 for dompdf/dompdf
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 4 installs, 0 updates, 0 removals
- Installing sabberworm/php-css-parser (8.3.0): Downloading (100%)
- Installing phenx/php-svg-lib (v0.3.3): Downloading (100%)
- Installing phenx/php-font-lib (0.5.1): Downloading (100%)
- Installing dompdf/dompdf (v0.8.5): Downloading (100%)
dompdf/dompdf suggests installing ext-imagick (Improves image processing performance)
dompdf/dompdf suggests installing ext-gmagick (Improves image processing performance)
Writing lock file
Generating autoload files
C:\Windows\system32>Jalankan perintah tersebut di di
'Jalankan' is not recognized as an internal or external command,
operable program or batch file.
C:\Windows\system32>Jalankan perintah tersebut di di
'Jalankan' is not recognized as an internal or external command,
operable program or batch file.
C:\Windows\system32>
```

4

Membuat pdf.php pada libraries

```

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

use Dompdf\Dompdf;
class pdf extends Dompdf{
    /**
     * PDF filename
     * @var String
     */
    public $filename;
    public function __construct(){
        parent::__construct();
        $this->filename = "laporan.pdf";
    }

    /**
     * Get an instance of Codeigniter
     *
     * @access      protected
     * @return      String
     */

    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);
        //Render the PDF
        $this->render();
        //Output the generated PDF to Browser
        $this->stream($this->filename, array("Attachment" => false));
    }
}
?>

```

5

Membuat function 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

membuat model “cetak\_model”

```
<?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();
    }

}

/* End of file cetak_model.php */

?>
```



membuat file laporan.php pada view

```
Code-Kedua > application > views > Mahasiswa > laporan.php
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Report Table</title>
5          <style type="text/css">
6              #outtable{
7                  padding:20px;
8                  border:1px solid #e3e3e3;
9                  width:600px;
10                 border-radius:5px;
11             }
12
13             .short{
14                 width: 50px;
15             }
16
17             .normal{
18                 width:150px;
19             }
20             table{
21                 border-collapse: collapse;
22                 font-family: arial;
23                 color:#5E5B5C;
24             }
25             thead th{
26                 text-align: left;
27                 padding:10px;
28             }
29             tbody td{
30                 border-top: 1px solid #e3e3e3;
31                 padding:10px;
32             }
33             tbody tr:nth-child(even){
34                 background:#F6F5FA;
35             }
36             tbody tr:hover{
37                 background: #EAE9F5;
38             }
39         </style>
40     </head>
```

```

</head>
<body>
    <?php echo $_SERVER('DOCUMENT_ROOT')."/ci-dompdf6/media/dist/img/no-signal.png"; ?>
    <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
                $no=1;
                foreach($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>
        </table>
    </div>
</body>
</html>

```

- 7 Buka file **header\_datatables\_user.php** dan tambahkan *link* cetak laporan pada navbar

```

<div class="collapse navbar-collapse" id="navbarNav">
    <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>
</div>

```

## 8 Data Mahasiswa

Show  entries

Search:

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

Showing 1 to 7 of 7 entries

## Data Mahasiswa

#	Nama	Email	Jurusan
1	Ciko		
2	Supri		
3	ani		
4	unero		
5	soni		
6	dika		
7	dina		

