LAPORAN PRAKTIKUM PEMROGRAMAN WEBSITE LANJUT

JOBSHEET 6

Oleh :

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Practical - Part 1: Using DataTables in the User Guide

1. Adding the new code into the user controller

```php
<?php

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

    class user extends CI_Controller {

        public function _construct()
        {
        parent::_construct();
        $this->load->helper('url');
        $this->load->helper('form');
        $this->load->model('login_model');
        $this->load->model('mahasiswa_model');


        if($this->session->userdata('level')!="user"){
            redirect('login','refresh');
        }

        }

        public function index()
        {
            $data= array(
                'title' = 'data mahsiswa',
                'mahasiswa' =>$this->mahasiswa_model->datatabels();
```

```php
            );
            $this->load-
>view('template/header_datatabels_user', $data);
            $this->load->view('mahasiswa/user', $data);
            $this->load-
>view('template/footer_datatabels_user', $data);



        }


    }

    /* End of file user.php */


?>
```

2. make header of the datatabels user in views/template

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

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bo
otstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" cros
sorigin="anonymous">

</head>

<body>
    <title><?= $title ?></title>
    <script src="//ajax.googleapis.com/ajax/libs/jquery/1.10.2/jquery.
min.js"></script>
```

```html
    <link rel="stylesheet" type="text/css" href="https://cdn.datatable
s.net/1.10.20/js/jquery.dataTables.min.css">
    <script type="text/javascript" src="https://cdn.datatables.net/1.1
0.20/js/jquery.dataTables.min.js"></script>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <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">
            <ul class="navbar-nav">
                <a class="nav-
link" href="<?= base_url(); ?>">About</a>
                <a class="nav-
link" href="<?= base_url(); ?>login/logout">Logout</a>
        </div>
    </nav>
</body>

</html>
```

3. Create the footer_datatables_user too

```html
<html>

<body>
    <script type="text/javascript">
        $(document).ready(function() {
            $('#list_mhs').DataTable();
        });
    </script>
    <script rel="stylesheet" href="https://stackpath.bootstrapcdn.com/
bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" cros
sorigin="anonymous"></script>
```

```
</body>

</html>
```

4. Creating the user views

```
<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 class="table table-striped table-bordered" id="list_mhs">
    <thead>
        <tr>
            <th>#</th>
            <th>Nama</th>
            <th>Email</th>
            <th>Jurusan</th>
        </tr>
    </thead>
    <tbody>
        <?php
            $no=1;
            foreach($mahasiswa as $mhs){
                ?> <tr>
                    <td> <?=$no++;?></td>
                    <td> <?=$mhs->nama;?></td>
                    <td> <?=$mhs->email;?></td>
                    <td> <?=$mhs->jurusan;?></td>
                </tr>
            <?php } ?>
    </tbody>
</table>
</div>
```
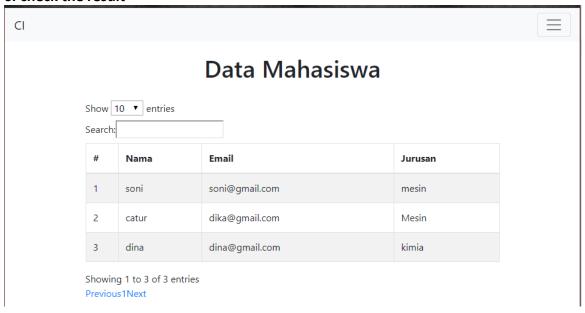
5. Add datatables function on mahasiswa_model

```
public function datatabels()
    {
        $query= $this->db->order_by('id', 'DESC') -
> get('mahasiswa');
```

```
            return $query->result();

        }
```

6. check the result

CI   ☰

Data Mahasiswa

Show [10 ▼] entries

Search: [   ]

#	Nama	Email	Jurusan
1	soni	soni@gmail.com	mesin
2	catur	dika@gmail.com	Mesin
3	dina	dina@gmail.com	kimia

Showing 1 to 3 of 3 entries

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Practicum - Part 2: Using DOMPDF with CodeIgniter

7. Add the composer into the autoload at config

```
$config['composer_autoload'] = "vendor/autoload.php";
```

8. Install the dompdf

```
E:\TUGAS\Xampp\htdocs\CodeIgniter\CodeIgniterKedua>composer require dompdf/dom
pdf
Key require is a duplicate in ./composer.json at line 25
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.
```

Ln 2, Col 17   Spaces: 4   UTF-8   CRLF   PHP   ⊙ Go Live   ⅀

9. Creating the pdf.php

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

use Dompdf\Dompdf;
```

```php
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));


    }
}
?>
```

10. We create the function of laporan pdf at user controller

```php
public function laporan_pdf()
    {
        $this->load->library('pdf');
        $data['mahasiswa'] = $this->cetak_model->view();
        $this->load->library('pdf');

        $this->pdf->setPaper('A4', 'portrait');
        $this->pdf->filename = "laporan-petanikode.pdf";
        $this->pdf->load_view('student/student_report',$data);


    }
```

11. Create the cetak_model.php

```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();
    }

}

/* End of file cetak_model.php */

?>
```

12. Create the new views of student report

```html
<!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;
        }

        tbody td {
            border-top: 1px solid #e3e3e3;
            padding: 10px;
        }

        tbody tr:nth-child(even) {
            background: #F6F5FA;
        }

        tbody tr:hover {
            background: #EAE9F5
        }
    </style>
</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>
```

```php
                <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. Create or add the link for the laporan at the header

```html
<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <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">
        <ul class="navbar-nav">
            <a class="nav-link" href="<?= base_url(); ?>user/laporan_pdf">Cetak Laporan</a>
            <a class="nav-link" href="<?= base_url(); ?>login/logout">Logout</a>
    </div>
```

```
        </nav>
```

14. Check the result
It will download the result

CI   Cetak Laporan   Logout

Data Mahasiswa

Show 10 ▼ entries

Search:

#	Nama	Email	Jurusan
1	soni		
2	catur		
3	dina		

Showing 1 to 3 of 3 entries

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Download File Info — □ ✕

URL   http://localhost/CodeIgniter/CodeIgniterKedua/user/laporan_pdf

Category   Documents   ▼   +

Save As   Downloads\Documents\laporan-petanikode.pdf   ▼   ...

☐ Remember this path for "Documents" category

Downloads\Documents\

Description

PDF

3.40 KB

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