

## SOURCE CODE

### 1. Konfigurasi Database

Konfigurasi database pada application/config/database.php

```
$active_group = 'default';
$active_record = TRUE;
/* file database.php untuk hosting
$db['default']['hostname'] = 'mysql3.000webhost.com';
$db['default']['username'] = 'a2378160_root';
$db['default']['password'] = 'Praktikum4';
$db['default']['database'] = 'a2378160_prak';
*/
$db['default']['hostname'] = 'localhost';
$db['default']['username'] = 'root';
$db['default']['password'] = '';
$db['default']['database'] = 'prak';

$db['default']['dbdriver'] = 'mysql';
$db['default']['dbprefix'] = '';
$db['default']['pconnect'] = TRUE;
$db['default']['db_debug'] = TRUE;
$db['default']['cache_on'] = FALSE;
$db['default']['cachedir'] = '';
$db['default']['char_set'] = 'utf8';
$db['default']['dbcollat'] = 'utf8_general_ci';
$db['default']['swap_pre'] = '';
$db['default']['autoinit'] = TRUE;
$db['default']['stricton'] = FALSE;
```

### 2. Konsep Halaman Home

#### Controllers

Konfigurasi controller hamalan home pada application/controllers/home.php

```
<?php if ( ! defined('BASEPATH')) exit('No direct script access allowed');
class Home extends CI_Controller {
/*
    ***      Controller : home.php
*/
function __construct()
{
    parent::__construct();
    $this->load->helper(array('form','url', 'text_helper','date'));
    $this->load->database();
    $this->load->library(array('Pagination','user_agent'));
    $this->load->model("Web_model");
    session_start();
}

public function index()
{
    $data["slide_berita"] = $this->Web_model->Slide_Artikel("berita"," ","10");
    $d["judul"] = 'Home';
    /* content */
    $d['content']= $this->load->view('content',$data,true);

    $this->load->view('home',$d);
        $page=$this->uri->segment(4);
        $limit_artikel=3;
        $limit_event=4;
        if(!$page):
```

```

        $ofset_artikel = 0;
        $ofset_event = 0;
        else:
        $ofset_artikel = $page;
        $ofset_event = $page;
        endif;
    }
    public function profil()
    {
        $d['judul'] = 'profil';
        /* content */
        $d['content'] = $this->load->view('profil',$d,true);
        $this->load->view('home',$d);
    }
    public function contact()
    {
        $d['judul'] = 'Contact Us';
        /* content */
        $d['content'] = $this->load->view('contact',$d,true);
        $this->load->view('home',$d);
    }
    public function visimisi()
    {
        $d['judul'] = 'visimisi';
        /* content */
        $d['content'] = $this->load->view('visimisi',$d,true);

        $this->load->view('home',$d);
    }

    public function peraturan()
    {
        $d['judul'] = 'panduan';
        /* content */
        $d['content'] = $this->load->view('peraturan',$d,true);

        $this->load->view('home',$d);
    }

    public function alur()
    {
        $d['judul'] = 'alur';
        /* content */
        $d['content'] = $this->load->view('alur',$d,true);

        $this->load->view('home',$d);
    }

    public function admin_web()
    {
        $d['judul'] = 'panduan';
        /* content */
        $d['content'] = $this->load->view('admin_web',$d,true);

        $this->load->view('home',$d);
    }

    public function prodi()
    {
        $d['judul'] = 'prodi';
        $d['_prodi'] = $this->app_model->manualQuery("SELECT * FROM tbmatakuliah
        GROUP BY Prodi");
        /* content */
        $d['content'] = $this->load->view('prodi',$d,true);
    }

```

```

        $this->load->view('home',$d);
    }
    public function pengumuman()
    {
        $d['judul'] = 'Pengumuman';
        /* content */
        $d['content'] = $this->load->view('pengumuman',$d,true);

        $this->load->view('home',$d);
    }

    public function login()
    {
        $this->form_validation->set_rules('nim', 'NIM', 'user_check','Tess');
        $this->form_validation->set_rules('pwd_mhs', 'Kode Akses', 'required');
        $this->form_validation->set_message('user_check', 'Maaf, Tidak Boleh Ada Kosong');
        $this->form_validation->set_message('required', 'Maaf, Kode Akses Tidak Boleh Kosong');

        if ($this->form_validation->run() == FALSE)
        {
            $this->index();
        }
        else
        {
            $u = $this->security->xss_clean($this->input->post('nim'));
            $p = $this->security->xss_clean($this->input->post('pwd_mhs'));
            $this->app_model->getLoginMahasiswa($u,$p);
        }
    }
    function detberita()
    {
        $sid="";
        if ($this->uri->segment(4) === FALSE)
        {
            $sid="";
        }
        else
        {
            $sid = $this->uri->segment(4);
        }
        $stipe="";
        if ($this->uri->segment(3) === FALSE)
        {
            $stipe="";
        }
        else
        {
            $stipe = $this->uri->segment(3);
        }
        $data=array();
        $data["detail"] = $this->Web_model->Detail_Artikel($sid,$stipe);

        $d['judul'] = 'panduan';
        /* content */
        $d['content'] = $this->load->view('detail_berita',$data,true);

        $this->load->view('home',$d);
    }
}

```

## Model

Konfigurasi model halaman home pada application/model/app\_model.php

```
<?php if ( ! defined('BASEPATH')) exit('No direct script access allowed');
class App_Model extends CI_Model {

//query login mahasiswa
public function getLoginMahasiswa($usr,$psw)
{
    $u = mysql_real_escape_string($usr);
    $p = mysql_real_escape_string($psw);
    $q_cek_login = $this->db->get_where('mahasiswa', array('nim' => $u, 'pwd_mhs'
=> $p));
    if(count($q_cek_login->result())>0)
    {
        foreach($q_cek_login->result() as $qck)
        {
            foreach($q_cek_login->result() as $qad)
            {
                $sess_data['logged_in'] = 'Login Mahasiswa';
                $sess_data['nim'] = $qad->nim;
                $sess_data['nama_mhs'] = $qad->nama_mhs;
                $this->session->set_userdata($sess_data);
            }
            header("location:".base_url().'index.php/maha/home');
        }
    }
    else
    {
        $this->session->set_flashdata('result_login', '<br>No NIM atau Kode
Akses yang anda masukkan salah. ');
        header("location:".base_url().'index.php/home');
    }
}

// query login Admin
public function getLoginAdmin($usr,$psw)
{
    $u = mysql_real_escape_string($usr);
    $p = md5(mysql_real_escape_string($psw));
    $q_cek_login = $this->db->get_where('users', array('username' => $u, 'password'
=> $p));
    if(count($q_cek_login->result())>0)
    {
        foreach($q_cek_login->result() as $qck)
        {
            foreach($q_cek_login->result() as $qad)
            {
                $sess_data['logged_in'] = 'aingLoginWebAdministrator';
                $sess_data['username'] = $qad->username
                $sess_data['nama_lengkap'] = $qad->nama_lengkap;
                $this->session->set_userdata($sess_data);
            }
            header("location:".base_url().'index.php/administrator/home');
        }
    }
    else
    {
        $this->session->set_flashdata('result_login', '<br>Username atau
Password yang anda masukkan salah. ');
        header("location:".base_url().'index.php/administrator/login');
    }
}
}
```

## View

### Konfigurasi view halaman home pada application/view/home.php

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Sistem Informasi Praktikum</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta name="description" content="<?php echo $this->config->item('deskripsi');?>">
<meta name="author" content="deddy rusdiansyah">
<meta name="robots" content="index, follow">
<meta name="keywords" content="<?php echo $this->config->item('keyword');?>">
<meta http-equiv="Copyright" content="<?php echo $this->config->item('nama_instansi');?>">
<meta http-equiv="imagetoolbar" content="no">
<meta name="language" content="Indonesia">
<meta name="revisit-after" content="7">
<meta name="webcrawlers" content="all">
<meta name="rating" content="general">
<meta name="spiders" content="all">
</head>
<body onLoad="goforit()">
<div class="notifications bottom-left"></div>
<div class="navbar navbar-inverse navbar-fixed-top">
<div class="navbar-inner">
<div class="container">
<a class="btn btn-navbar" data-toggle="collapse" data-target=".nav-collapse">
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</a>
<div class="nav-collapse collapse">
<div class="nav-collapse collapse">
<ul class="nav pull-left">
<li><a href="<?php echo base_url();?>"><i class="icon-home"></i>
Home</a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown"
role="button" aria-expanded="false">Profil<span
class="caret"></span></a>
<ul class="dropdown-menu" role="menu">
<li><a href="<?php echo base_url();?>index.php/home/profil"></i> Profil
Laboratorium</a></li>
<li><a href="<?php echo base_url();?>index.php/home/visimisi">Visi dan
Misi</a></li>
</ul>
</li>
<li><a href="<?php echo base_url();?>index.php/home/alur"><i
class="icon-road"></i> </i> Alur Pendaftaran</a></li>
<li><a href="<?php echo base_url();?>index.php/home/prodi"><i
class="icon-th-list"></i> Program Studi</a></li>
<li><a href="<?php echo base_url();?>index.php/home/peraturan"><i
class="icon-check"></i> Peraturan</a></li>
</ul>
</div>
<ul class="nav pull-right">
<li><a href="<?php echo
base_url();?>index.php/home/contact"></i>Contact Us</a></li>
<li><button class="btn"><i class="icon-time icon-white"></i> <span
id="clock"></span></button></li>
<li><a href="<?php echo base_url();?>index.php/administrator/login">
<button class="btn"><i class="icon-user icon-white"></i></button>
</li>
</ul>
</div>
</div>
</div>
```

```

        </a>
    </ul>
</div><!--/.nav-collapse -->
</div>
</div>

</div>
<div class="row">
    <div class="alert alert-info" style="width:100%;">
        <div class="container">
            <div class="pull-left">
                
            </div>
            <h4 class="alert-heading" style="color:#000;text-shadow: 0.1em 0.1em 0.05em #fff;
            line-height:15px;margin-top:10px;">
                Sistem Informasi & Pendaftaran Praktikum</h4>
            <h3 class="alert-heading" style="color:#000;text-shadow: 0.1em 0.1em 0.05em #fff;
            line-height:15px;">
                Fakultas Teknik Universitas Islam Majapahit</h3>
            </div>
        </div>
    </div>
</div>
<div class="container">
    <div class="row">
        <div class="span3 kotak">
            <div class="bs-docs-sidenav-kotak" >
                <div class="error">
                    <?php echo validation_errors(); ?>
                    <?php if($this->session->flashdata('result_login')) { ?>
                    <?php echo $this->session->flashdata('result_login'); ?>
                    <?php } ?>
                </div>
                <form method="POST" action="<?php echo base_url();?>index.php/home/login">
                    <fieldset>
                        <label>NIM</label>
                        <input type="text" name="nim" placeholder="NIM">
                        <label>PIN / Kode Akses</label>
                        <input type="password" name="pwd_mhs" placeholder="Kode Akses">
                        <button type="submit" class="btn btn-info"><i class="icon-ok-sign"></i>
                        Login</button>
                    </fieldset>
                </form>
            </div>
        </div>
        <div class="span9 bs-docs-sidenav-content">
            <?php echo $content;?>
        </div>
    </div>
</div>
</div> <!-- /container -->

<footer class="footer">
    <div class="footer-inner">
        <div class="container">
            <div class="span12">
                <?php echo $this->config->item('credit_aplikasi');?>
            </div>
        </div>
    </div>
</footer>
</body>
</html>

```

### 3. Konsep Halaman Pendaftaran Praktikum pada administrator

#### **Controllers**

Konfigurasi controllers Halaman Pendaftaran Praktikum administrator pada applications/controllers/ administrator/data\_daftar.php

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

class Data_daftar extends CI_Controller {

public function index()
{
    $cek = $this->session->userdata('logged_in');
    if(!empty($cek)){
        $d['judul']="Pendaftaran Praktikum";
        $d['matakuliah'] = $this->admin_model->cari_matakuliah();
        $d['content']= $this->load->view('administrator/data_daftar/view',$d,true);
        $this->load->view('administrator/home',$d);
    }else{
        redirect('/administrator/login/login/');
    }
}

public function view()
{
    $cek = $this->session->userdata('logged_in');
    if(!empty($cek)){
        if(isset($_GET['grid']))
            echo $this->json_model->getJSON_daftar_praktikum();
        else
            $this->load->view('administrator/data_daftar/view');
    }else{
        redirect('/administrator/login/login/');
    }
}

public function tambah()
{
    $cek = $this->session->userdata('logged_in');
    if(!empty($cek)){
        $d['judul']="Input Pendaftaran Praktikum";
        $d['content']= $this->load->view('administrator/data_daftar/form',$d,true);
        $this->load->view('administrator/home',$d);
    }else{
        redirect('/administrator/login/login/');
    }
}

public function simpan()
{
    $cek = $this->session->userdata('logged_in');
    if(!empty($cek)){
        $nama_mhs = $this->session->userdata('nama_mhs');

        $table = "tbpendaftaran";
        $id['nim'] = $this->input->post('nim');
        $id['mk'] = $this->input->post('mk');
        $id['tahun'] = date('Y');

        $up['nim'] = $this->input->post('nim');
        $up['nama_mhs'] = $this->input->post('nama_mhs');
        $up['Prodi'] = $this->input->post('Prodi');
```

```

$up['semester'] = $this->input->post('semester');
$up['kdmk'] = $this->input->post('kdmk');
$up['mk'] = $this->input->post('mk');
$up['tglbeli'] = date('Y-m-d');
$up['tahun'] = date('Y');
$up['kelas'] = $this->input->post('kelas');
$up['biaya'] = $this->input->post('biaya');
$up['tgltransfer'] = $this->input->post('tgltransfer');
$up['nominal_transfer'] = $this->input->post('nominal_transfer');
$up['ket_transfer'] = $this->input->post('ket_transfer');

$ap['nim'] = $this->input->post('nim');
$ap['nama_mhs'] = $this->input->post('nama_mhs');
$ap['Prodi'] = $this->input->post('Prodi');
$ap['semester'] = $this->input->post('semester');
$ap['kdmk'] = $this->input->post('kdmk');
$ap['mk'] = $this->input->post('mk');
$ap['kelas'] = $this->input->post('kelas');
$ap['biaya'] = $this->input->post('biaya');
$ap['tgltransfer'] = $this->input->post('tgltransfer');
$ap['nominal_transfer'] = $this->input->post('nominal_transfer');
$ap['ket_transfer'] = $this->input->post('ket_transfer');

$hasil = $this->app_model->getSelectedData($table,$id);
$row = $hasil->num_rows();
if($row>0){
    $this->app_model->updateData($table,$ap,$id);
    echo "Mahasiswa sudah terdaftar dan data sukses diubah";
}else{
    $this->db->insert('tbpendaftaran',$up);
    echo "Data sukses disimpan";
}
}else{
    redirect('/administrator/login/login/');
}
}
}

```

### **Model**

Konfigurasi Model Halaman Pendaftaran Praktikum administrator pada applications/model/admin\_model.php

```

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

class Admin_Model extends CI_Model {
function cari_matakuliah()
{
    $q = $this->db->query("select * from tbmatakuliah");
    return $q;
}
//query login
public function getLoginData($usr,$psw)
{
    $u = mysql_real_escape_string($usr);
    $p = mysql_real_escape_string(md5($psw));
    $q_cek_login = $this->db->get_where('users', array('username' => $u, 'password'
=> $p));
    if(count($q_cek_login->result())>0)
    {
        foreach($q_cek_login->result() as $qck)
        {

```

```

        foreach($q_cek_login->result() as $qad)
        {
            $sess_data["logged_in"] = 'getLoginH2H';
            $sess_data["username"] = $qad->username;
            $this->session->set_userdata($sess_data);
        }

        header("location:".base_url().'index.php/home');
    }
    }else{
        $this->session->set_flashdata('result_login', '<br>Username atau
        Password yang anda masukkan salah. Atau akun Anda diblokir');
        header("location:".base_url().'index.php/login');
    }
}

public function view()
{
    return $this->db->get('tbpendaftaran')->result();
}
}

```

Untuk menampilkan grid database menggunakan bantuan java script yang telah disiapkan terlebih dahulu.  
 Konfigurasi Model Halaman Pendaftaran Praktikum administrator pada applications/model/json\_model.php

```

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

class Json_Model extends CI_Model {
public function getJson_daftar_praktikum()
{
    $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
    $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 10;
    $sort = isset($_POST['sort']) ? strval($_POST['sort']) : 'tglbeli';
    $order = isset($_POST['order']) ? strval($_POST['order']) : 'desc';
    $cari = isset($_POST['cari']) ? mysql_real_escape_string($_POST['cari']) : "";
    $cari_matakul = isset($_POST['cari_matakul']) ?
    mysql_real_escape_string($_POST['cari_matakul']) : "";
    $cari_tgl = isset($_POST['cari_tgl']) ? $_POST['cari_tgl'] : "";
    $cari_mk = isset($_POST['cari_mk']) ? $_POST['cari_mk'] : "";
    $cari_mhs = isset($_POST['cari_mhs']) ? $_POST['cari_mhs'] : "";
    $cari_kelompok = isset($_POST['cari_kelompok']) ? $_POST['cari_kelompok'] : "";

    $offset = ($page-1) * $rows;

    $tahun = date('Y');

    $where = "WHERE tahun='$tahun'";
    if(!empty($cari)){
        $where .= " AND nim LIKE '%$cari%' OR nama_mhs LIKE '%$cari%'"; //
    }elseif(!empty($cari_tgl)){
        $tgl = $this->app_model->tgl_sql($cari_tgl);
        $where .= " AND tglbeli ='$tgl'"; //
    }elseif(!empty($cari_matakul)){
        $where .= " AND mk LIKE '%$cari_matakul%' OR Prodi LIKE
        '%$cari_matakul%'"; //
    }elseif(!empty($cari_mk)){
        $where = " WHERE kdmk ='$cari_mk'"; //
    }elseif(!empty($cari_kelompok)){
        $where = " WHERE kelompok ='$cari_kelompok'"; //
    }else{

```

```

        $where = " "; //
    }

    $text = "SELECT * FROM tbpendaftaran
    $where
    ORDER BY $sort $order
    LIMIT $rows OFFSET $offset";

    $result = array();
    $result["total"] = $this->db->query("SELECT * FROM tbpendaftaran $where")-
    >num_rows();
    $row = array();

    $criteria = $this->db->query($text);

    foreach($criteria->result_array() as $data)
    {
        $tgl = $this->app_model->tgl_sql($data['tglbeli']);
        $row[] = array(
            'tglbeli'=>$tgl,
            'iddaftar'=>$data['iddaftar'],
            'nim'=>$data['nim'],
            'nama_mhs'=>$data['nama_mhs'],
            'Prodi'=>$data['Prodi'],
            'semester'=>$data['semester'],
            'kdmk'=>$data['kdmk'],
            'mk'=>$data['mk'],
            'kelas'=>$data['kelas'],
            'tahun'=>$data['tahun'],
            'biaya'=>$data['biaya'],
            'tgltransfer'=>$data['tgltransfer'],
            'bukti_pembayaran'=>$data['bukti_pembayaran'],
            'nominal_transfer'=>$data['nominal_transfer'],
            'ket_transfer'=>$data['ket_transfer'],
        );
    }
    $result=array_merge($result,array('rows'=>$row));
    return json_encode($result);

    $update = $this->db->update('bukti_pembayaran', $this->input);
    return $update;
}
}

```

## View

Konfigurasi View Halaman Pendaftaran Praktikum administrator pada `applications/view/data_daftar/view.php`

```

<script type="text/javascript">
    $("#kdmk").change(function(){
        var kdmk= {kdmk:$("#kdmk").val()};
        $.ajax({
            type: "POST",
            url : "<?php echo base_url(); ?>index.php/data_daftar/matakuliah",
            data: kdmk,
            success: function(msg){
                $('#matakuliah').html(msg);
            }
        });
    });
function create(){
    jQuery('#dialog-form').dialog('open').dialog('setTitle','Tambah Data');
}

```

```

        jQuery('#form').form('load');
    }
    function update(){
        var row = $('#datagrid-crud').datagrid('getSelected');
        if(row){
            $('#dialog-form').dialog('open').dialog('setTitle','Edit Data');
            $('#form').form('load',row);
        }
    }
    function save(){
        var nim = $("#nim").val();
        var mk = $("#mk").val();

        var string = $("#form").serialize();

        if(nim.length==0){
            $.messenger.show({
                title:'Info',
                msg:'Maaf, NIM tidak boleh kosong',
                timeout:1000,
                showType:'slide'
            });
            $("#nim").focus();
            return false();
        }

        if(mk.length==0){
            $.messenger.show({
                title:'Info',
                msg:'Maaf, Mata Kuliah tidak boleh kosong',
                timeout:1000,
                showType:'slide'
            });
            $("#mk").focus();
            return false();
        }

        $.ajax({
            type    : "POST",
            url      : "<?php echo
            site_url('administrator/data_daftar/simpan'); ?>",
            data     : string,
            success : function(data){
                $.messenger.show({
                    title:'Info',
                    msg:data,
                    timeout:1000 ,
                    showType:'slide'
                });
                $('#datagrid-crud').datagrid('reload');
                $('#dialog-form').dialog('close');
            }
        });
    }
    function hapus(){
        var row = $('#datagrid-crud').datagrid('getSelected');
        if (row){
            $.messenger.confirm('Confirm','Apakah Anda akan menghapus data
            ini ?',function(r){
                if (r){
                    $.ajax({
                        type    : "POST",
                        url      : "<?php echo
                        site_url('administrator/data_daftar/hapus'); ?>",

```

```

                data      : 'id='+row.iddaftar,
                success   : function(data){
                    $.messenger.show({
                        title:'Info',
                        msg:data,
                        timeout:2000,
                        showType:'slide'
                    });
                };
                $('#datagrid-crud').datagrid('reload');
            }
        });
    }
});
}
}
}
function cetak_bukti(){
    //var nim = $("#nim").val();
    var row = $('#datagrid-crud').datagrid('getSelected');
    var iddaftar = row.iddaftar;
    //alert(nim);

    window.open('<?php echo site_url();?>/administrator/data_daftar/cetak/'+iddaftar);
    return false();
}
</script>
<!-- Toolbar -->
<div id="toolbar " style="padding:5px;height:auto">
<table cellpadding="0" cellspacing="0" style="width:100%">
<tr>
<td style="padding-left:2px;" width="70%">
    <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-add" plain="true"
    onclick="create()">Tambah</a>
    <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-edit" plain="true"
    onclick="update()">Edit </a>
    <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-remove"
    plain="true" onclick="hapus()">Hapus</a>
    <a href="<?php echo base_url();?>index.php/administrator/data_daftar" class="easyui-
    linkbutton" iconCls="icon-reload" plain="true">Refresh</a>
    <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-ok" plain="true"
    onclick="Cari_Bukti();$('#w').window('open')">Lihat File Struk Pembayaran</a>

    <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-print" plain="true"
    onclick="cetak_bukti()">Cetak Bukti</a>
    </td>
</tr>
</table>
</div>
<!-- Data Grid -->
<table id="datagrid-crud" title="Daftar <?php echo $judul;?>" class="easyui-datagrid"
style="width:auto; height:auto" url="<?php echo
site_url('administrator/data_daftar/view'); ?>?grid=true" toolbar="#toolbar" pagination="true"
rownumbers="true" fitColumns="true" singleSelect="true" collapsible="true">
<thead>
<tr>
    <th field="tglbeli" sortable="true">Tgl. Daftar</th>
    <th field="nim" sortable="true">NIM</th>
    <th field="nama_mhs" sortable="true">Nama</th>
    <th field="Prodi" sortable="true">Prodi</th>
    <th field="semester" sortable="true">Semester</th>
    <th field="mk" sortable="true">Mata Kuliah</th>
    <th field="kelas" sortable="true">Kelas</th>
    <th field="tahun" sortable="true">Tahun</th>
    <th field="biaya" sortable="true">Biaya</th>
    <th field="tgltransfer" sortable="true">Tgl. Transfer</th>

```

```

        <th field="nominal_transfer" sortable="true">Nominal Transfer</th>
        <th field="bukti_pembayaran" sortable="true">Bukti</th>
        <th field="ket_transfer" sortable="true">Ket Transfer</th>
    </tr>
</thead>
</table>

<!-- Dialog Form -->
<div id="dialog-form" class="easyui-dialog" style="width:500px; height:500px; padding:
20px 30px" closed="true" buttons="#dialog-buttons">
<form id="form" method="post" novalidate>
<table class="table table-bordered table-striped table-hover">
<tbody>
<tr>
        <td class="span4">NIM</td>
        <td><input type="text" name="nim" id="nim" class="span4"></td>
    </tr>
<tr>
        <td class="span4">Nama Lengkap</td>
        <td><input type="text" name="nama_mhs" id="nama_mhs" class="span4"></td>
    </tr>
<tr>
        <td>Program Studi</td>
        <td>
            <select name="Prodi" id="Prodi" class="span2">
                <option value="">-PILIH-</option>
                <option value="T. Informatika">T. Informatika</option>
                <option value="T. Industri">T. Industri</option>
                <option value="T. Sipil">T. Sipil</option>
                <option value="T. Mesin">T. Mesin</option>
            </select>
        </td>
    </tr>
<tr>
        <td>Semester</td>
        <td><input type="text" name="semester" id="semester" class="span5"></td>
    </tr>
<tr>
        <td>Kelas</td>
        <td><input type="text" name="kelas" id="kelas" class="span5"></td>
    </tr>
<tr>
        <td>Mata Kuliah</td>
        <td>
            <div id="matakuliah">
                <select name="kdmk" id="kdmk">
                    <option value="">-PILIH-</option>
                    <?php
                    foreach($matakuliah->result_array() as $k)
                    {
                        echo "<option value=".'"$k['kdmk']'">."$k['kdmk']"."
                        (".$k['mk']".")"</option>";
                    }
                    ?>
                </select> <br> *) tekan tombol spasi (Space) untuk
                menampilkan data
            </div>
        </td>
    </tr>
<tr>
        <td><input type="hidden" name="mk" id="mk" class="span4"></td>
    </tr>
</tbody>
</table>

```

```

        <td>Biaya</td>
        <td><input type="text" name="biaya" id="biaya" class="span4"></td>
</tr>
<tr>
        <td>Tgl Transfer</td>
        <td><input type="text" name="tgltransfer" id="tgltransfer" class="span4"></td>
</tr>
<tr>
        <td>Nominal Transfer</td>
        <td><input type="text" name="nominal_transfer" id="nominal_transfer"
class="span4"></td>
</tr>
<tr>
        <td>Keterangan Transfer</td>
        <td>
                <select name="ket_transfer" id="ket_transfer" class="span4">
                        <option value="">-PILIH-</option>
                        <option value="Lunas">Lunas</option>
                        <option value="Belum Lunas">Belum Lunas</option>
                </select>
        </td>
</tr>
<tr>
        <td colspan="2">Silahkan Klik Simpan Terlebih Dahulu !!!</td>
</tr>
</tbody>
</table>
</form>
<!-- Dialog Button -->
<div id="dialog-buttons">
        <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-ok"
onclick="save()">Simpan</a>
        <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-cancel"
onclick="javascript:jQuery('#dialog-form').dialog('close')">Batal</a>
</div>
<div id="w" class="easyui-window" title="File Bukti Pembayaran" data-
options="modal:true,closed:true,iconCls:'icon-save'"
style="width:600px;height:300px;padding:10px;">
        <img id="images" />
</div>

```

#### 4. Konsep Halaman Jadwal Praktikum pada administrator

##### **Controlers**

Konfigurasi controllers Halaman Jadwal Praktikum administrator pada applications/controllers/administrator/jadwal\_mahasiswa.php

```

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

class Jadwal_mahasiswa extends CI_Controller {
    function construct(){
        parent:: construct();
        $this->load->helper('form');
        $this->load->library('fpdf');
        $logged_in = $this->session->userdata('logged_in');
        if(!$logged_in){
            header("location: ".base_url());
        }
    }
}
public function index()
{
    $cek = $this->session->userdata('logged_in');
}

```

```

        if(!empty($cek)){
            $d['judul']="Jadwal Mahasiswa";
            $d['matakuliah'] = $this->admin_model->cari_matakuliah();
            $d['jadwal'] = $this->admin_model->cari_jadwal();

            $d['content']= $this->load-
            >view('administrator/jadwal_mahasiswa/view',$d,true);
            $this->load->view('administrator/home',$d);
        }else{
            redirect('/administrator/login/login/');
        }
    }

    public function view()
    {
        $cek = $this->session->userdata('logged_in');
        if(!empty($cek)){
            if(isset($_GET['grid']))
                echo $this->json_model->getJson_daftar_jadwal_mahasiswa();
            else
                $this->load->view('administrator/jadwal_mahasiswa/view');
        }else{
            redirect('/administrator/login/login/');
        }
    }

    public function tambah()
    {
        $cek = $this->session->userdata('logged_in');
        if(!empty($cek)){
            $d['judul']="Input Pendaftaran Praktikum";

            $d['content']= $this->load->view('administrator/jadwal_mahasiswa/form',$d,true);
            $this->load->view('administrator/home',$d);
        }else{
            redirect('/administrator/login/login/');
        }
    }

    public function simpan()
    {
        $cek = $this->session->userdata('logged_in');
        if(!empty($cek)){

            $nama_mhs = $this->session->userdata('nama_mhs');
            $table = "tbjadwal_mahasiswa";
            $id['nim'] = $this->input->post('nim');
            $id['mk'] = $this->input->post('mk');
            $id['tahun'] = date('Y');

            $up['kode'] = $this->input->post('kode');
            $up['kelompok'] = $this->input->post('kelompok');
            $up['ruang'] = $this->input->post('ruang');
            $up['tglpelak'] = $this->input->post('tglpelak');
            $up['jam'] = $this->input->post('jam');
            $up['KdDosen'] = $this->input->post('KdDosen');
            $up['NamaDosen'] = $this->input->post('NamaDosen');
            $hasil = $this->app_model->getSelectedData($table,$id);
            $row = $hasil->num_rows();
            if($row>0){
                $this->app_model->updateData($table,$up,$id);
                echo "Data sukses diubah";
            }else{
                $this->app_model->insertData($table,$up);
                echo "Data sukses disimpan";
            }
        }
    }

```

```

    }
    }else{
        redirect('/administrator/login/login/');
    }
}

public function hapus()
{
    $cek = $this->session->userdata("logged_in");
    if(!empty($cek)){
        $id['idjadwal'] = $this->input->post('id'); //
        $hasil = $this->app_model-
        >getSelectedData("tbjadwal_mahasiswa",$id); //
        $row = $hasil->num_rows();
        if($row>0){
            $this->app_model->deleteData("tbjadwal_mahasiswa",$id);
            echo "Data sukses dihapus";
        }
    }else{
        redirect('/administrator/login/login/');
    }
}
}
}

```

### **Model**

Konfigurasi Model Halaman Jadwal Praktikum administrator pada applications/model/json\_model.php

```

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

class Json_Model extends CI_Model {
public function getJson_daftar_jadwal_mahasiswa()
{
    $page = isset($_POST['page']) ? intval($_POST['page']) : 1;
    $rows = isset($_POST['rows']) ? intval($_POST['rows']) : 10;
    $sort = isset($_POST['sort']) ? strval($_POST['sort']) : 'idjadwal';
    $order = isset($_POST['order']) ? strval($_POST['order']) : 'desc';
    $cari = isset($_POST['cari']) ? mysql_real_escape_string($_POST['cari']) : "";
    $cari_mk = isset($_POST['cari_mk']) ? $_POST['cari_mk'] : "";
    $cari_mhs = isset($_POST['cari_mhs']) ? $_POST['cari_mhs'] : "";
    $cari_kelompok = isset($_POST['cari_kelompok']) ? $_POST['cari_kelompok'] : "";

    $offset = ($page-1) * $rows;
    $tahun = date("Y");

    $where = "WHERE tahun='$tahun'";
    if(!empty($cari)){
        $where .= " AND nim LIKE '%$cari%' OR nama_mhs LIKE '%$cari%'"; //
    }elseif(!empty($cari_mk)){
        $where = " WHERE mk ='$cari_mk'"; //
    }elseif(!empty($cari_mhs)){
        $where = " WHERE nama_mhs ='$cari_mhs'"; //
    }elseif(!empty($cari_kelompok)){
        $where = " WHERE kelompok ='$cari_kelompok'"; //
    }else{
        $where = " "; //
    }

    $text = "SELECT * FROM tbjadwal_mahasiswa
    $where
    ORDER BY $sort $order

```

```

LIMIT $rows OFFSET $offset";

$result = array();
$result['total'] = $this->db->query("SELECT * FROM tbjadwal_mahasiswa
$where")->num_rows();
$row = array();

$criteria = $this->db->query($text);

foreach($criteria->result_array() as $data)
{
    $row[] = array(
        'idjadwal'=>$data['idjadwal'],
        'nim'=>$data['nim'],
        'nama_mhs'=>$data['nama_mhs'],
        'Prodi'=>$data['Prodi'],
        'mk'=>$data['mk'],
        'semester'=>$data['semester'],
        'tahun'=>$data['tahun'],
        'kode'=>$data['kode'],
        'kelompok'=>$data['kelompok'],
        'ruang'=>$data['ruang'],
        'KdDosen'=>$data['KdDosen'],
        'NamaDosen'=>$data['NamaDosen'],
        'tglpelak'=>$data['tglpelak'],
        'jam'=>$data['jam'],
    );
}
$result=array_merge($result,array('rows'=>$row));
return json_encode($result);
}
}

```

### **View**

Konfigurasi View Halaman Jadwal Praktikum administrator pada applications/model/json\_model.php

```

<script type="text/javascript">
var url;
function create(){
    jQuery('#dialog-form').dialog('open').dialog('setTitle','Tambah Data');
    jQuery('#form').form('clear');
}
function save(){
    var nim = $("#nim").val();
    var kode= $("#kode").val();
    var string = $("#form").serialize();

    if(nim.length==0){
        $.messenger.show({
            title:'Info',
            msg:'Maaf, NIM tidak boleh kosong',
            timeout:2000,
            showType:'slide'
        });
        $("#nim").focus();
        return false();
    }

    if(kode.length==0){
        $.messenger.show({
            title:'Info',

```

```

        msg:'Maaf, Mata Kuliah tidak boleh kosong',
        timeout:2000,
        showType:'slide'
    });
    $("#kode").focus();
    return false();
}

$.ajax({
    type    : "POST",
    url     : "<?php echo
site_url('administrator/jadwal_mahasiswa/simpan'); ?>",
    data    : string,
    success : function(data){
        $.messenger.show({
            title:'Info',
            msg:data, //'Password Tidak Boleh Kosong.',
            timeout:2000,
            showType:'slide'
        });
        $('#datagrid-crud').datagrid('reload');
        $('#dialog-form').dialog('close');
    }
});
return false();
}
function update(){
    var row = $('#datagrid-crud').datagrid('getSelected');
    if(row){
        $('#dialog-form').dialog('open').dialog('setTitle','Edit Data');
        $('#form').form('load',row);
    }
}
function hapus(){
    var row = $('#datagrid-crud').datagrid('getSelected');
    if (row){
        $.messenger.confirm('Confirm','Apakah Anda akan menghapus data
ini ?',function(r){
            if (r){
                $.ajax({
                    type    : "POST",
                    url     : "<?php echo
site_url('administrator/jadwal_mahasiswa/hapus'); ?>",
                    data    : 'id='+row.idjadwal,
                    success : function(data){
                        $.messenger.show({
                            title:'Info',
                            msg:data,
                            timeout:2000,
                            showType:'slide'
                        });
                    }
                });
                $('#datagrid-crud').datagrid('reload');
            }
        });
    }
}
});
}
}
</script>
<!-- Toolbar -->
<div id="toolbar " style="padding:5px;height:auto">
<table cellpadding="0" cellspacing="0" style="width:100%">
<tr>
    <td style="padding-left:2px;" width="70%">

```

```

<a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-add" plain="true"
onclick="create()">Tambah</a>
<a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-edit" plain="true"
onclick="update()">Edit </a>
<a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-remove" plain="true"
onclick="hapus()">Hapus</a>
<a href="<?php echo base_url();?>index.php/administrator/jadwal_mahasiswa"
class="easyui-linkbutton" iconCls="icon-reload" plain="true">Refresh</a>
<a href="<?php echo
base_url();?>index.php/administrator/jadwal_mahasiswa/cetak_jadwal_mahasiswa"
class="easyui-linkbutton" iconCls="icon-print" plain="true" onclick="cetak_bukti()">Cetak
Jadwal</a>
</td>
</tr>
</table>
</div>
<!-- Data Grid -->
<table id="datagrid-crud" title="Daftar <?php echo $judul;?>" class="easyui-datagrid"
style="width:auto; height:auto" url="<?php echo
site_url('administrator/jadwal_mahasiswa/view'); ?>?grid=true" toolbar="#toolbar"
pagination="true" rownumbers="true" fitColumns="true" singleSelect="true"
collapsible="true">
<thead>
<tr>
<th field="nim" sortable="true">NIM</th>
<th field="nama_mhs" sortable="true">Nama</th>
<th field="Prodi" sortable="true">Prodi</th>
<th field="semester" sortable="true">Semester</th>
<th field="mk" sortable="true">Mata Kuliah</th>
<th field="tahun" sortable="true">Tahun</th>
<th field="kelompok" sortable="true">Kelompok</th>
<th field="ruang" sortable="true">Ruang</th>
<th field="NamaDosen" sortable="true">Dosen</th>
<th field="tglpelak" sortable="true">Tanggal</th>
<th field="jam" sortable="true">Jam</th>
</tr>
</thead>
</table>
<!-- Dialog Form -->
<div id="dialog-form" class="easyui-dialog" style="width:500px; height:500px; padding:
20px 30px" closed="true" buttons="#dialog-buttons">
<form id="form" method="post" novalidate>
<table class="table table-bordered table-striped table-hover">
<tbody>
<tr>
<td class="span4">NIM</td>
<td><input type="text" name="nim" id="nim" class="span4"></td>
</tr>
<tr>
<td class="span4">Nama Lengkap</td>
<td><input type="text" name="nama_mhs" id="nama_mhs" class="span4"></td>
</tr>
<tr>
<td>Program Studi</td>
<td>
<select name="Prodi" id="Prodi" class="span2">
<option value="">-PILIH-</option>
<option value="T. Informatika">T. Informatika</option>
<option value="T. Industri">T. Industri</option>
<option value="T. Sipil">T. Sipil</option>
<option value="T. Mesin">T. Mesin</option>
</select>
</td>
</tr>

```

```

</tr>
<tr>
<tr>
    <td>Semester</td>
    <td><input type="text" name="semester" id="semester" class="span5"></td>
</tr>
<tr>
    <td>Mata Kuliah</td>
    <td>
        <div id="matakuliah">
            <select name="mk" id="mk">
                <?php
                foreach($matakuliah->result_array() as $k)
                {
                    echo "<option value='".$k['mk']."'>".$k['mk']. "</option>";
                }
                ?>
            </select>
        </div>
    </td>
</tr>
<tr>
    <td>Kode Jadwal</td>
    <td>
        <div id="jadwal">
            <select name="kode" id="kode">
                <option value="">-PILIH-</option>
                <?php
                foreach($jadwal->result_array() as $k)
                {
                    echo "<option
value='".$k['kode']."'>".$k['kode']. "</option>";
                }
                ?>
            </select> <br> *) tekan tombol spasi (Space) untuk
menampilkan data
        </div>
    </td>
</tr>
<tr>
    <td>Kelompok</td>
    <td><input type="text" name="kelompok" id="kelompok" class="span4"></td>
</tr>
<tr>
    <td>Ruang</td>
    <td><input type="text" name="ruang" id="ruang" class="span4"></td>
</tr>
<tr>
    <td><input type="hidden" name="KdDosen" id="KdDosen" class="span4"></td>
</tr>
<tr>
    <td>Dosen</td>
    <td><input type="text" name="NamaDosen" id="NamaDosen"
class="span4"></td>
</tr>
<tr>
    <td>Tanggal</td>
    <td><input type="text" name="tglpelak" id="tglpelak" class="span4"></td>
</tr>
<tr>
    <td>Jam</td>
    <td><input type="text" name="jam" id="jam" class="span4"></td>
</tr>
</tbody>

```

```
</table>
  </form>
<!-- Dialog Button -->
<div id="dialog-buttons">
  <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-ok"
onclick="save()">Simpan</a>
  <a href="javascript:void(0)" class="easyui-linkbutton" iconCls="icon-cancel"
onclick="javascript:jQuery('#dialog-form').dialog('close')">Batal</a>
</div>
```