LAMPIRAN

1. Home.php (*Controller*)

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

class Home extends CI_Controller {

	public function __construct()
	{
		parent::__construct();
		$this->load->model('model');
	}

	function index()
	{
		$this->load->view('home/index2');
	}
	function cari()
	{
		if ($this->input->post("proses") == "cari_rak_buku") {
			$rak_buku = $this->input->post("rak");
			$cek_data = $this->model-
>tampil_data_keseluruhan("tb_map_perpustakaan");
			$html = '<script type="text/javascript">
                                                        // canvas.__eventListeners
= {}
                                                        //
canvas.discardActiveObject();
                                                        // canvas.renderAll();
                                                function
AddRakBuku(left,top,width,height,id,angle){
                                                  const rect = new fabric.Rect({
                                                    angle : angle,
                                                    id : "rak_buku_"+id,
                                                    originX: "center",
                                                    originY: "center",
                                                    fill: "aqua",
                                                    fillText: "heheh",
                                                    width: width,
                                                    height: height,
                                                    objectCaching: false,
                                                    stroke: "blue",
                                                    strokeWidth: 4,
                                                    centeredRotation: false,
                                                  })

                                                  var t = new fabric.IText("Rak Buku", {
                                                    fill: "#000000",
                                                    fontSize: 14,
```

```
    textAlign: "center",
    originX: "center",
    originY: "center",

   });

   var group = new fabric.Group([ rect, t ], {
    lockMovementX: true,
    lockMovementY: true,
    lockScalingX : true,
    lockScalingY : true,
    lockRotation : true,
    left: left,
    top: top,
    // selectable : false

   });


   // console.log(rect);
   canvas.add(group);
  }

  function
AddRakBukuPilihan(left,top,width,height,id,angle){
   const rect = new fabric.Rect({
    angle : angle,
    id : "rak_buku_"+id,
    originX: "center",
    originY: "center",
    fill: "red",
    width: width,
    height: height,
    objectCaching: false,
    stroke: "pink",
    strokeWidth: 4,
    centeredRotation: false,
   })

   var t = new fabric.IText("Rak Buku", {
    fill: "#000000",
    fontSize: 14,
    textAlign: "center",
    originX: "center",
    originY: "center",

   });
```

```
  var group = new fabric.Group([ rect, t ], {
    lockMovementX: true,
    lockMovementY: true,
    lockScalingX : true,
    lockScalingY : true,
    lockRotation : true,
    left: left,
    top: top,
    selectable : false

  });


  // console.log(rect);
  canvas.add(group);
}

function AddMeja(left,top,width,height,id,angle){
  var rect = new fabric.Rect({
    angle : angle,
    id : "meja_"+id,
    left: left,
    top: top,
    fill: "orange",
    width: width,
    height: height,
    objectCaching: false,
    stroke: "yellow",
    strokeWidth: 2,
    centeredRotation: false,
    cornerSize: 6,
    selectable : false
  });

  // console.log(rect);
  canvas.add(rect);
}

function
AddKursi(left,top,width,height,id,angle){
  var rect = new fabric.Rect({
    angle : angle,
    id : "kursi_"+id,
    left: left,
    top: top,
    fill: "lime",
    width: width,
    height: height,
```

```
                                                objectCaching: false,
                                                stroke: "green",
                                                strokeWidth: 1,
                                                centeredRotation: false,
                                                cornerSize: 3,
                                                selectable : false
                                              });

                                              // console.log(rect);
                                              canvas.add(rect);
                                            }
                                            canvas.on("mouse:up", function(options) {
                                              // console.log(options.target._objects);
                                              if (options.target == null || typeof
options.target._objects == "undefined") {
                                                // console.log("sini kosong");
                                                toastr.options = {
                                                  "closeButton": true,
                                                  "debug": false,
                                                  "progressBar": true,
                                                  "positionClass": "toast-top-right",
                                                  "showDuration": "300",
                                                  "hideDuration": "1000",
                                                  "timeOut": "5000",
                                                  "extendedTimeOut": "1000",
                                                  "showEasing": "swing",
                                                  "hideEasing": "linear",
                                                  "showMethod": "fadeIn",
                                                  "hideMethod": "fadeOut"
                                                };

                                                toastr.error("<center><b>Sila Klik <i>'"".'Rak
Buku'"".'</i> Untuk Melanjutkan</b></center>");
                                              }else{
                                                // console.log("sini ada");
                                                var idnya = options.target._objects[0].id;
                                                idnya = idnya.slice(idnya.lastIndexOf("_") +
1);
                                                console.log(idnya);
                                                $("#id_rak_buku_edit").val(idnya);

                                              }
                                            });
                                          </script>';
                                    if (count($cek_data->result()) > 0) {
                                            $html .= "<script>";
                                            foreach ($cek_data->result() as $key => $value) {
                                                    $ket = json_decode($value->ket);
```

```
                                        if ($value->kategori == 'rak_buku') {
                                                if ($value->no === $rak_buku) {

            $html.="AddRakBukuPilihan(".$ket->left.",".$ket->top.",".$ket->width.",".$ket-
>height.",".$value->no.",".$ket->angle.");
                                                        ";
                                                }else{

            $html.="AddRakBuku(".$ket->left.",".$ket->top.",".$ket->width.",".$ket-
>height.",".$value->no.",".$ket->angle.");
                                                        ";
                                                }
                                        }
                                        elseif ($value->kategori == 'meja') {
                                                $html.="AddMeja(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                                ";
                                        }

                                        elseif ($value->kategori == 'kursi') {
                                                $html.="AddKursi(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                                ";
                                        }


                                }

                                $html .= "</script>";
                                print_r($html);
                        }
                }
                elseif ($this->input->post('proses') == 'cari') {
                        $id = $this->input->post('id');
                        $kategori = $this->input->post('kategori');
                        // print_r($kategori);
                        if ($kategori == 'semua') {
                                $cari_data = $this->model->custom_query("SELECT
*,b.kategori as ini_kategori FROM tb_list_buku a join tb_kategori b on a.kategori = b.no
where   a.judul like '%$id%' OR a.pengarang like '%$id%' OR a.kategori like '%$id%'
OR a.tahun_terbit like '%$id%'");
                        }elseif ($kategori == 'judul') {
                                $cari_data = $this->model->custom_query("SELECT
*,b.kategori as ini_kategori FROM tb_list_buku a join tb_kategori b on a.kategori = b.no
where  a.judul like '%$id%'");
                        }elseif ($kategori == 'pengarang') {
```

```
                                $cari_data = $this->model->custom_query("SELECT
*,b.kategori as ini_kategori FROM tb_list_buku a join tb_kategori b on a.kategori = b.no
where  a.pengarang like '%$id%'");
                            }elseif ($kategori == 'kategori') {
                                $cari_data = $this->model->custom_query("SELECT
*,b.kategori as ini_kategori, b.no as no_kategori FROM tb_list_buku a join tb_kategori b
on a.kategori = b.no where  b.no = $id");
                            }

                            $html = '<script src="'.base_url().'assets/js/jquery-
3.3.1.min.js"></script>
                                        <script
src="'.base_url().'assets/js/datatables/jquery.min.js"></script>
                            <script
src="'.base_url().'assets/js/datatables/jquery.dataTables.min.js"></script>

                            <table id="tabel-data" class="table table-striped table-
bordered" width="100%">
                    <thead>
                      <tr>
                        <th>Judul</th>
                        <th>Kategori</th>
                        <th>Pengarang</th>
                        <th>Tahun Terbit</th>
                        <th>Peletakan</th>
                      </tr>
                    </thead>
                    <tbody>';

                foreach ($cari_data->result() as $key => $value) {
                        $html .= '<tr>
                                                                <td>'.$value-
>judul.'</td>
                                                                <td>'.$value-
>ini_kategori.'</td>
                                                                <td>'.$value-
>pengarang.'</td>
                                                                <td>'.$value-
>tahun_terbit.'</td>
                                                                <td
align="center"><a data-toggle="modal" href="#sini_modalnya"><button type="button"
id="button_rak_buku" class="btn btn-info btn-md text-white"
onclick="cari_rak_buku('.$value->rak_buku.','."'".$value->judul."'".','."'".$value-
>ini_kategori."'".','."'".$value->pengarang."'".','."'".$value->tahun_terbit."'".','.$value-
>tingkat.')">Lihat</button></a></td>
                                                            </tr>';
                }
```

```
            $html .= '</tbody>
                </table>
                        <script>
                    $(document).ready(function(){
                        $("#tabel-data").DataTable({
                          "aLengthMenu": [[10, 20, 30, ,40, -1], [10, 20, 30, 40 ,"All"]],
                          "iDisplayLength": 10,
                                        // "pageLength": 5,
                                        "searching": false,
                                        "paging":   true,
                                        "ordering": true,
                                        "info":     false,
                                        "lengthChange": false

                        });

                    });
                  </script>';
                        print_r($html);
                }

                elseif ($this->input->post('proses') == 'cari_kategori') {
                        $cari_data = $this->model->tampil_data_keseluruhan("tb_kategori");
                        $html = '<select id="inputannya" class="form-control">
                                                                <option selected="" disabled="">-Pilih Kategori Buku</option>';

                        foreach ($cari_data->result() as $key => $value) {
                                $html .= '<option value="'.$value->no.'">'.$value->kategori.'</option>';
                        }
                        $html .= '</selected>';

                        print_r($html);
                }
        }

        function login()
        {
                if ($this->input->post('button_login')) {
                        $username = $this->input->post('username');
                        $password = $this->input->post('password');

                        $cek_data = $this->model->tampil_data_where('tb_login',array('username' => $username, 'password' => $password));
                        // print_r(count($cek_data->result()));
```

```
                                    if (count($cek_data->result()) > 0) {
                                            $this->session->set_flashdata('success', 'Selamat
        Kembali Admin');
                                            $this->session->set_userdata('admin', array('level' =>
        'admin'));
                                            redirect('admin');
                                    }else{
                                            $this->session->set_flashdata('error', 'Username dan
        Password Salah \n Sila Input Kembali Username dan Password');
                                            redirect('home/login');
                                    }
                            }else{
                                    $this->load->view('home/login');
                            }

                    }




        }
?>
```

2. Admin.php (*Controller*)

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

        class Admin extends CI_Controller {

                public function __construct()
                {
                        parent::__construct();
                        $this->load->model('model');
                        $this->load->model('m_tabel_ss');
                }

                function index()
                {
                        $main['list_buku'] = $this->model-
        >tampil_data_keseluruhan("tb_list_buku");
                        $main['list_kategori'] = $this->model-
        >tampil_data_keseluruhan("tb_kategori");
                        $main['list_rak_buku'] = $this->model-
        >tampil_data_where("tb_map_perpustakaan",array('kategori' => 'rak_buku'));
                        $this->load->view('admin/index',$main);
                }
```

```
	function buku()
	{
		if ($this->input->post("proses") == "tambah") {
			$data = $this->model->serialize($this->input->post('data'));
			$this->model->insert("tb_list_buku",$data);
			$this->session->set_flashdata('success', 'List Buku Baru
Berhasil Ditambah');
		}
		elseif ($this->uri->segment(3) == "tables") {
			$list = $this->m_tabel_ss->get_datatables("tb_list_buku
a",array('a.judul','b.kategori','a.pengarang','a.tahun_terbit'),array(null,
'a.judul','b.kategori','a.pengarang','a.tahun_terbit',null),array('no' => 'asc'),'tb_kategori b',
'a.kategori = b.no');
		$data = array();
		$no = $_POST['start'];
		foreach ($list as $field) {
		  $no++;
		  $row = array();
		  // $row[] = $no;
		  $row[] = $field->judul;
		  $row[] = $field->kategori;
		  $row[] = $field->pengarang;
		  $row[] = $field->tahun_terbit;
		  // $row[] = '<center><a href="'.$no.'.html"><button type="button"
title="Edit List Buku" class="btn btn-primary btn-circle btn-sm waves-effect waves-
light"><i class="ico fa fa-edit"></i></button></a>   <button type="button"
title="Lihat Penempatan Buku" class="btn btn-info btn-circle btn-sm waves-effect waves-
light"><i class="ico fa fa-list-alt"></i></button>';
		  $row[] = '<center><a data-toggle="modal" href="#sini_modalnya"><button
type="button" title="Edit List Buku" data-id="'.$field->no.'" data-judul="'.$field->judul.'"
data-pengarang="'.$field->pengarang.'" data-tahun_terbit="'.$field->tahun_terbit.'" data-
kategori="'.$field->nomor_kategori.'" class="lihat_informasi btn btn-primary btn-circle
btn-sm waves-effect waves-light"><i class="ico fa fa-edit"></i></button></a>
</center>';
		  $data[] = $row;
			}

		$output = array(
		  "draw" => $_POST['draw'],
		  "recordsTotal" => $this->m_tabel_ss->count_all("tb_list_buku
a",'tb_kategori b', 'a.kategori = b.no'),
		  "recordsFiltered" => $this->m_tabel_ss->count_filtered("tb_list_buku
a",array('a.judul','b.kategori','a.pengarang','a.tahun_terbit'),array(null,
'a.judul','b.kategori','a.pengarang','a.tahun_terbit',null),array('no' => 'asc'),'tb_kategori b',
'a.kategori = b.no'),
		  "data" => $data,
		);
		//output dalam format JSON
```

```
            echo json_encode($output);
                }
                else{
                        $main['list_buku'] = $this->model->tampil_data_keseluruhan("tb_list_buku");
                        $main['list_kategori'] = $this->model->tampil_data_keseluruhan("tb_kategori");
                        $main['list_rak_buku'] = $this->model->tampil_data_where("tb_map_perpustakaan",array('kategori' => 'rak_buku'));
                        // $main["kategori"] = $this->model->tampil_data_keseluruhan("tb_kategori");
                        $this->load->view('admin/menu/buku',$main);
                }

        }

        function kategori()
        {
                if ($this->input->post("proses") == "edit_datanya") {
                        // print_r("sini edit data");
                        $id = $this->input->post('id');
                        $kategori = $this->input->post('kategori');
                        $tingkat = $this->input->post('tingkat');
                        $rak = $this->input->post('rak');
                        // print_r($id);
                        // print_r($kategori);
                        // print_r($tingkat);
                        // print_r($rak);
                        $this->model->update("tb_kategori",array('no' => $id),array("kategori" => $kategori, 'rak_buku' => $rak ,'tingkat' => $tingkat));
                        $this->session->set_flashdata('success', 'Kategori  Berhasil Diedit');
                }
                elseif ($this->input->post("proses") == "cari_semuanya_id_edit") {
                        $rak_buku = $this->input->post("rak");
                        $cek_data = $this->model->tampil_data_keseluruhan("tb_map_perpustakaan");
                        $html = '<script type="text/javascript">
                                                                canvas.__eventListeners = {}

        canvas.discardActiveObject();
                                                                canvas.renderAll();
                                                function AddRakBuku(left,top,width,height,id,angle){
                                                  const rect = new fabric.Rect({
                                                    angle : angle,
                                                    id : "rak_buku_"+id,
```

```
  originX: "center",
  originY: "center",
  fill: "aqua",
  fillText: "heheh",
  width: width,
  height: height,
  objectCaching: false,
  stroke: "blue",
  strokeWidth: 4,
  centeredRotation: false,
 })

 var t = new fabric.IText("Rak Buku", {
  fill: "#000000",
  fontSize: 14,
  textAlign: "center",
  originX: "center",
  originY: "center",

 });

 var group = new fabric.Group([ rect, t ], {
  lockMovementX: true,
  lockMovementY: true,
  lockScalingX : true,
  lockScalingY : true,
  lockRotation : true,
  left: left,
  top: top,
  // selectable : false

 });


 // console.log(rect);
 canvas.add(group);
}

function
AddRakBukuPilihan(left,top,width,height,id,angle){
 const rect = new fabric.Rect({
  angle : angle,
  id : "rak_buku_"+id,
  originX: "center",
  originY: "center",
  fill: "red",
  width: width,
  height: height,
```

```
  objectCaching: false,
  stroke: "pink",
  strokeWidth: 4,
  centeredRotation: false,
 })

 var t = new fabric.IText("Rak Buku", {
  fill: "#000000",
  fontSize: 14,
  textAlign: "center",
  originX: "center",
  originY: "center",

 });

 var group = new fabric.Group([ rect, t ], {
  lockMovementX: true,
  lockMovementY: true,
  lockScalingX : true,
  lockScalingY : true,
  lockRotation : true,
  left: left,
  top: top,
  selectable : false

 });


 // console.log(rect);
 canvas.add(group);
}

function AddMeja(left,top,width,height,id,angle){
 var rect = new fabric.Rect({
  angle : angle,
  id : "meja_"+id,
  left: left,
  top: top,
  fill: "orange",
  width: width,
  height: height,
  objectCaching: false,
  stroke: "yellow",
  strokeWidth: 2,
  centeredRotation: false,
  cornerSize: 6,
  selectable : false
 });
```

```
                                        // console.log(rect);
                                        canvas.add(rect);
                                      }

                                      function
AddKursi(left,top,width,height,id,angle){
                                        var rect = new fabric.Rect({
                                          angle : angle,
                                          id : "kursi_"+id,
                                          left: left,
                                          top: top,
                                          fill: "lime",
                                          width: width,
                                          height: height,
                                          objectCaching: false,
                                          stroke: "green",
                                          strokeWidth: 1,
                                          centeredRotation: false,
                                          cornerSize: 3,
                                          selectable : false
                                        });

                                        // console.log(rect);
                                        canvas.add(rect);
                                      }
                                      canvas.on("mouse:up", function(options) {
                                        // console.log(options.target._objects);
                                        if (options.target == null || typeof
options.target._objects == "undefined") {
                                          // console.log("sini kosong");
                                          toastr.options = {
                                            "closeButton": true,
                                            "debug": false,
                                            "progressBar": true,
                                            "positionClass": "toast-top-right",
                                            "showDuration": "300",
                                            "hideDuration": "1000",
                                            "timeOut": "5000",
                                            "extendedTimeOut": "1000",
                                            "showEasing": "swing",
                                            "hideEasing": "linear",
                                            "showMethod": "fadeIn",
                                            "hideMethod": "fadeOut"
                                          };

                                          toastr.error("<center><b>Sila Klik <i>'"'".'Rak
Buku'"'".'</i> Untuk Melanjutkan</b></center>");
```

```
                                        }else{
                                          // console.log("sini ada");
                                          var idnya = options.target._objects[0].id;
                                          idnya = idnya.slice(idnya.lastIndexOf("_") +
1);
                                          console.log(idnya);
                                          $("#id_rak_buku_edit").val(idnya);

                                        }
                                       });
                                      </script>';
                                if (count($cek_data->result()) > 0) {
                                        $html .= "<script>";
                                        foreach ($cek_data->result() as $key => $value) {
                                                $ket = json_decode($value->ket);
                                                if ($value->kategori == 'rak_buku') {
                                                        if ($value->no === $rak_buku) {

        $html.="AddRakBukuPilihan(".$ket->left.",".$ket->top.",".$ket->width.",".$ket-
>height.",".$value->no.",".$ket->angle.");
                                                                ";
                                                        }else{

        $html.="AddRakBuku(".$ket->left.",".$ket->top.",".$ket->width.",".$ket-
>height.",".$value->no.",".$ket->angle.");
                                                                ";
                                                        }
                                                }
                                                elseif ($value->kategori == 'meja') {
                                                        $html.="AddMeja(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                                        ";
                                                }

                                                elseif ($value->kategori == 'kursi') {
                                                        $html.="AddKursi(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                                        ";
                                                }


                                        }

                                        $html .= "</script>";
                                        print_r($html);
                                }
                        }
                        elseif ($this->input->post("proses") == "cari_semuanya_id") {
```

```
                                $rak_buku = $this->input->post("rak");
                                $cek_data = $this->model-
>tampil_data_keseluruhan("tb_map_perpustakaan");
                                $html = '<script type="text/javascript">
                                                                canvas.__eventListeners =
{}

        canvas.discardActiveObject();
                                                                canvas.renderAll();

        canvas.forEachObject(function(object){
                                                        object.selectable = false;
                                                                });
                                                function
AddRakBuku(left,top,width,height,id,angle){
                                                 const rect = new fabric.Rect({
                                                  angle : angle,
                                                  id : "rak_buku_"+id,
                                                  originX: "center",
                                                  originY: "center",
                                                  fill: "aqua",
                                                  fillText: "heheh",
                                                  width: width,
                                                  height: height,
                                                  objectCaching: false,
                                                  stroke: "blue",
                                                  strokeWidth: 4,
                                                  centeredRotation: false,
                                                 })

                                                 var t = new fabric.IText("Rak Buku", {
                                                  fill: "#000000",
                                                  fontSize: 14,
                                                  textAlign: "center",
                                                  originX: "center",
                                                  originY: "center",

                                                 });

                                                 var group = new fabric.Group([ rect, t ], {
                                                  lockMovementX: true,
                                                  lockMovementY: true,
                                                  lockScalingX : true,
                                                  lockScalingY : true,
                                                  lockRotation : true,
                                                  left: left,
                                                  top: top,
                                                  selectable : false
```

```
  });


  // console.log(rect);
  canvas.add(group);
 }

 function
AddRakBukuPilihan(left,top,width,height,id,angle){
  const rect = new fabric.Rect({
   angle : angle,
   id : "rak_buku_"+id,
   originX: "center",
   originY: "center",
   fill: "red",
   width: width,
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   objectCaching: false,
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   strokeWidth: 4,
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  })

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  });

  var group = new fabric.Group([ rect, t ], {
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   lockScalingY : true,
   lockRotation : true,
   left: left,
   top: top,
   selectable : false

  });


  // console.log(rect);
  canvas.add(group);
```

```
}

function AddMeja(left,top,width,height,id,angle){
  var rect = new fabric.Rect({
    angle : angle,
    id : "meja_"+id,
    left: left,
    top: top,
    fill: "orange",
    width: width,
    height: height,
    objectCaching: false,
    stroke: "yellow",
    strokeWidth: 2,
    centeredRotation: false,
    cornerSize: 6,
    selectable : false
  });

  // console.log(rect);
  canvas.add(rect);
}

function
AddKursi(left,top,width,height,id,angle){
  var rect = new fabric.Rect({
    angle : angle,
    id : "kursi_"+id,
    left: left,
    top: top,
    fill: "lime",
    width: width,
    height: height,
    objectCaching: false,
    stroke: "green",
    strokeWidth: 1,
    centeredRotation: false,
    cornerSize: 3,
    selectable : false
  });

  // console.log(rect);
  canvas.add(rect);
}
canvas.on("mouse:up", function(options) {
      $("#sini_html").html(null);
});
</script>';
```

```
                    if (count($cek_data->result()) > 0) {
                        $html .= "<script>";
                        foreach ($cek_data->result() as $key => $value) {
                            $ket = json_decode($value->ket);
                            if ($value->kategori == 'rak_buku') {
                                if ($value->no === $rak_buku) {

        $html.="AddRakBukuPilihan(".$ket->left.",".$ket->top.",".$ket->width.",".$ket-
>height.",".$value->no.",".$ket->angle.");
                                        ";
                                }else{

        $html.="AddRakBuku(".$ket->left.",".$ket->top.",".$ket->width.",".$ket-
>height.",".$value->no.",".$ket->angle.");
                                        ";
                                }
                            }
                            elseif ($value->kategori == 'meja') {
                                $html.="AddMeja(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                ";
                            }

                            elseif ($value->kategori == 'kursi') {
                                $html.="AddKursi(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                ";
                            }


                        }

                        $html .= "</script>";
                        print_r($html);
                    }
                }
                elseif ($this->input->post("proses") == "cari_semuanya") {
                    $cek_data = $this->model-
>tampil_data_keseluruhan("tb_map_perpustakaan");

                    if (count($cek_data->result()) > 0) {
                        $html.= '<script>
                                //canvas.__eventListeners = {}
                                canvas.discardActiveObject();
                                canvas.renderAll();
                                function
AddRakBuku(left,top,width,height,id,angle){
                            const rect = new fabric.Rect({
```

```
  angle : angle,
  id : "rak_buku_"+id,
  // lockMovementX: true,
  // lockMovementY: true,
  // lockScalingX : true,
  // lockScalingY : true,
  // lockRotation : true,
  // left: left,
  // top: top,
  originX: "center",
  originY: "center",
  fill: "aqua",
  fillText: "heheh",
  width: width,
  height: height,
  objectCaching: false,
  stroke: "blue",
  strokeWidth: 4,
  centeredRotation: false,
  // text : "heheh"
 })

 var t = new fabric.IText("Rak Buku", {
  fill: "#000000",
  fontSize: 14,
  textAlign: "center",
  originX: "center",
  originY: "center",

 });

 var group = new fabric.Group([ rect, t ], {
  lockMovementX: true,
  lockMovementY: true,
  lockScalingX : true,
  lockScalingY : true,
  lockRotation : true,
  left: left,
  top: top,


 });


 // console.log(rect);
 canvas.add(group);
}
```

```
function AddMeja(left,top,width,height,id,angle){
  var rect = new fabric.Rect({
    angle : angle,
    id : "meja_"+id,
    left: left,
    top: top,
    fill: "orange",
    width: width,
    height: height,
    objectCaching: false,
    stroke: "yellow",
    strokeWidth: 2,
    centeredRotation: false,
    cornerSize: 6,
    selectable : false
  });

  // console.log(rect);
  canvas.add(rect);
}

function AddKursi(left,top,width,height,id,angle){
  var rect = new fabric.Rect({
    angle : angle,
    id : "kursi_"+id,
    left: left,
    top: top,
    fill: "lime",
    width: width,
    height: height,
    objectCaching: false,
    stroke: "green",
    strokeWidth: 1,
    centeredRotation: false,
    cornerSize: 3,
    selectable : false
  });

  // console.log(rect);
  canvas.add(rect);
}


canvas.on("mouse:up", function(options) {
  // console.log(options.target._objects);
  if (options.target == null || typeof options.target._objects
== "undefined") {
    // console.log("sini kosong");
```

```
                                    toastr.options = {
                                      "closeButton": true,
                                      "debug": false,
                                      "progressBar": true,
                                      "positionClass": "toast-top-right",
                                      "showDuration": "300",
                                      "hideDuration": "1000",
                                      "timeOut": "5000",
                                      "extendedTimeOut": "1000",
                                      "showEasing": "swing",
                                      "hideEasing": "linear",
                                      "showMethod": "fadeIn",
                                      "hideMethod": "fadeOut"
                                    };

                                    toastr.error("<center><b>Sila Klik <i>'"'".'Rak
Buku'"'".'</i> Untuk Melanjutkan</b></center>");
                                  }else{
                                    // console.log("sini ada");
                                    var idnya = options.target._objects[0].id;
                                    idnya = idnya.slice(idnya.lastIndexOf("_") + 1);
                                                swal({
                                      text: "Kategori Baru Akan Tersimpan Doi Rak
Buku Ini",
                                      icon: "info",
                                      buttons: true,
                                      dangerMode: false,
                                    })
                                    .then((logout) => {
                                      if (logout) {
                                          $("#id_rak_buku_terpilih").val(idnya);
                                                //
console.log($("#id_rak_buku_terpilih").val());

$("#button_tambah_rak").attr({"disabled":""});
                                                $("#button_tambah_rak").html("Rak
Buku Telah Terpilih");
                                                $("#sini_html").html(null);
                                                $("#sini_modalnya").modal("hide");
                                      } else {

                                      }
                                    });



                                  }
                                });
```

```
                                        ';
                                    foreach ($cek_data->result() as $key => $value) {
                                        $ket = json_decode($value->ket);
                                        if ($value->kategori == 'rak_buku') {

            $html.="AddRakBuku(".$ket->left.",".$ket->top.",".$ket->width.",".$ket-
>height.",".$value->no.",".$ket->angle.");
                                                ";
                                        }
                                        elseif ($value->kategori == 'meja') {
                                                $html.="AddMeja(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                                ";
                                        }

                                        elseif ($value->kategori == 'kursi') {
                                                $html.="AddKursi(".$ket-
>left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                                ";
                                        }


                                    }

                                    $html .= "</script>";
                                    print_r($html);
                                }
                            }
                            elseif ($this->input->post("proses") == "tambah") {
                                // $file = $_FILES['file'];
                                $data = $this->input->post('data');
                                $data = $this->model->serialize($data);
                                $cek_data = $this->model->tampil_data_where("tb_kategori",
array('kategori' => $data['kategori']));
                                if (count($cek_data->result()) > 0) {
                                    $this->session->set_flashdata('error', 'Kategori Yang
Dimasukkan Telah Ada Dalam Sistem Sebelumnya, Silakan Cek Di List Kategori');
                                }
                                else{
                                    $this->model->insert("tb_kategori",$data);
                                    // $data_last = $this->model-
>tampil_data_last('tb_kategori','no');
                                    // $dir = 'images/kategori/'.$data_last->result()[0]-
>no.'/';
                                    // if( is_dir($dir) === false )
                                    // {
                                //    mkdir($dir);
                                    // }
```

```
                                        //
move_uploaded_file($_FILES['file']['tmp_name'],$dir.$_FILES['file']['name']);
                                        // $this->model->update('tb_kategori',array('no' =>
$data_last->result()[0]->no),array('foto' => $_FILES['file']['name']));
                                        $this->session->set_flashdata('success', 'Kategori
Baru Berhasil Ditambah');
                                        // print_r($data_last->result()[0]->no);

                                }
                                // print_r($file);
                                // print_r($kategori);
                        }
                        elseif ($this->uri->segment(3) == 'tables') {
                                $list = $this->m_tabel_ss-
>get_datatables('tb_kategori',array('kategori'),array(null, 'kategori',null),array('no' =>
'asc'),null,null);
                $data = array();
                $no = $_POST['start'];
                foreach ($list as $field) {
                  $no++;
                  $row = array();
                  $row[] = $no;
                  $row[] = $field->kategori;
                  $row[] = '<a data-toggle="modal" data-id="'.$field->no.'" data-rak="'.$field-
>rak_buku.'" data-tingkat="'.$field->tingkat.'" data-kategori="'.$field->kategori.'"
title="Lihat Informasi" class="lihat_informasi" href="#sini_modalnya" ><button class="
btn btn-primary">Lihat Detail</button></a>';
                  $data[] = $row;
                        }

                $output = array(
                  "draw" => $_POST['draw'],
                  "recordsTotal" => $this->m_tabel_ss->count_all('tb_kategori',null,null),
                  "recordsFiltered" => $this->m_tabel_ss-
>count_filtered('tb_kategori',array('kategori'),array(null, 'kategori',null),array('no' =>
'asc'),null,null),
                  "data" => $data,
                );
                //output dalam format JSON
                echo json_encode($output);
                        }
                        else{
                                // $list =
                                $main['list_buku'] = $this->model-
>tampil_data_keseluruhan("tb_list_buku");
                                $main['list_kategori'] = $this->model-
>tampil_data_keseluruhan("tb_kategori");
```

```
                $main['list_rak_buku'] = $this->model->tampil_data_where("tb_map_perpustakaan",array('kategori' => 'rak_buku'));
                $this->load->view('admin/menu/kategori',$main);
            }
        }

        function rak_buku()
        {
            if ($this->input->post("proses") == "hapus") {
                $id = $this->input->post("id");
                $this->model->delete("tb_map_perpustakaan",array('no' => $id));

            }

            elseif ($this->input->post("proses") == "update") {
                // print_r("sini proses update");
                $id = $this->input->post("id");
                $data = $this->input->post("data");
                $kategori = $this->input->post("kategori");
                // print_r($id);
                // print_r($data);
                // print_r($kategori);
                $this->model->update("tb_map_perpustakaan",array('no' => $id,'kategori' => $kategori),array('ket' => $data));
            }

            elseif ($this->input->post("proses") == "cari_semuanya") {
                $cek_data = $this->model->tampil_data_keseluruhan("tb_map_perpustakaan");

                if (count($cek_data->result()) > 0) {
                    $html= "<script>";
                    foreach ($cek_data->result() as $key => $value) {
                        $ket = json_decode($value->ket);
                        if ($value->kategori == 'rak_buku') {

        $html.="AddRakBuku(".$ket->left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                ";
                        }
                        elseif ($value->kategori == 'meja') {
                                $html.="AddMeja(".$ket->left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                        ";
                        }

                    elseif ($value->kategori == 'kursi') {
```

```
                                                $html.="AddKursi(".$ket->left.",".$ket->top.",".$ket->width.",".$ket->height.",".$value->no.",".$ket->angle.");
                                                ";
                                        }

                                        }

                                        $html .= "</script>";
                                        print_r($html);
                                }
                        }
                        elseif ($this->input->post("proses") == "cek_id") {
                                $cek_data = $this->model->tampil_data_last("tb_map_perpustakaan","no");
                                if (count($cek_data->result()) > 0) {
                                        $no = intval($cek_data->result()[0]->no);
                                        $id = $no + 1;
                                }
                                else{
                                        $id = 1;
                                }
                                print_r($id);
                        }
                        elseif ($this->input->post("proses") == "tambah") {
                                // print_r("sini tambah");
                                $datanya = $this->input->post("data");
                                $kategori = $this->input->post("kategori");
                                // print_r($datanya);
                                // print_r($kategori);
                                // $cek_data = $this->model->tampil_data_where("tb_map_perpustakaan","kategori = '".$kategori."' order by no desc limit 1");
                                // if (count($cek_data) > 0) {
                                //      # code...
                                // }
                                // print_r($cek_data->result());
                                $this->model->insert("tb_map_perpustakaan",array("ket" => $datanya,"kategori" => $kategori));
                        }
                        else{
                                $main['list_buku'] = $this->model->tampil_data_keseluruhan("tb_list_buku");
                                $main['list_kategori'] = $this->model->tampil_data_keseluruhan("tb_kategori");
                                $main['list_rak_buku'] = $this->model->tampil_data_where("tb_map_perpustakaan",array('kategori' => 'rak_buku'));
                                $this->load->view('admin/menu/rak_buku',$main);
                        }
```

```
		}
		function logout()
		{
			$this->session->unset_userdata('admin');
			$this->session->set_flashdata('success', 'Anda Berhasil Logout');
			redirect('home');
		}

		// function get_data_user()
	//	{

	//	}

	//	function hehehe(){
	//		for ($i=1; $i < 50; $i++) {
	//			$this->model->insert("tb_list_buku",array("judul" =>
	"judul_ini_dia_".$i,'pengarang' => "pengarang_ini_dia_".$i,'kategori' =>
	"kategori_ini_dia_".$i,'tahun_terbit' => "tahun terbit_ini_dia_".$i));
	//		}

	//	}

	}
?>
```