**LISTING PROGRAM**

<?php

include "../../config/apracha.php";

include "../../config/tanggal.php";

include "../../config/koneksi.php";

?>

<meta name="viewport" content="initial-scale=1.0, user-scalable=no">

<meta charset="utf-8">

<title><?phpjudul();?></title>

<link rel="stylesheet" href="../../templatemo\_style.css" type="text/css" media="all" />

<style>

#map-canvas {

width: 800px;

height: 600px;

position:absolute;

}

a{

cursor: pointer;

text-decoration: underline;

}

</style>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/2.1.4/jquery.min.js"></script>

<script type="text/javascript" src="http://maps.google.com/maps/api/js?sensor=false"></script>

<script>

// map

var poly = '';

var map;

varmarkeruser = '';

varmarkerdestination = '';

// boolean

var \_\_global\_user = false;

var \_\_global\_destination = false;

varupdate\_timeout;

// temporary list angkot

vartemp\_list\_angkot = [];

/\*\*

\* INITIALIZE GOOGLE MAP

\*/

function initialize() {

/\* setup map \*/

varmapOptions = {

zoom: 13,

center: new google.maps.LatLng(0.5495686,123.0524635)

};

map = new google.maps.Map(document.getElementById('map-canvas'), mapOptions);

/\* create marker and line by click \*/

google.maps.event.addListener(map, 'click', function(event)

{

icons = '../../icon/fire.png';

var location = event.latLng;

update\_timeout = setTimeout(function()

{

if(\_\_global\_user == false){

markeruser = new google.maps.Marker({

position: location,

map: map,

icon: icons,

draggable: true,

title: 'test drag',

});

// update

\_\_global\_user = true;

}else{

markeruser.setPosition(location);

}

}, 200);

});

// handle click and dblclick same time

google.maps.event.addListener(map, 'dblclick', function(event) {

clearTimeout(update\_timeout);

});

}

/\*\*

\* PILIH DESTINATION (SEKOLAH) VIA <SELECT>

\*/

functionchoose\_destination(value){

// teks option

varteks = value;//$("#select\_tujuanoption:selected").text();

//alert('isi ' + value);

// -- PILIH -- dipilih

//if(value == 'pilih') return false;

// reset polyline

if(poly != '') poly.setMap(null);

// RESET ANGKOT SEBELUMNYA

$(temp\_list\_angkot).each(function(w, x){

// x = marker0, marker1 dst

window[x].setMap(null);

});

var location = JSON.parse(value);

icons = '../../icon/kantor.png';

if(\_\_global\_destination == false){

markerdestination = new google.maps.Marker({

position: location,

map: map,

icon: icons,

draggable: false,

title: 'Asal : ' + teks,

});

\_\_global\_destination = true;

}else{

markerdestination.setPosition(location);

markerdestination.setTitle('Asal : ' + teks);

}

}

/\*\*

\* GET JSON DIJSKTRA VIA AJAX

\*/

functionsend\_dijkstra(isi,lat,lng){

choose\_destination(isi);

console.log(lat);

console.log(lng);

now\_koord\_user = '{"lat": ' + lat + ', "lng": ' + lng + '}';

now\_koord\_destination = '{"lat": ' + markerdestination.position.lat() + ', "lng": ' + markerdestination.position.lng() + '}';

//document.getElementById("coba").value = markeruser.position.lat() + " / " + markeruser.position.lng();

// loading

$('#run\_dijkstra').hide();

$('#loading').show();

$.ajax({

method:"POST",

url : "Main.php",

data: {koord\_user: now\_koord\_user, koord\_destination: now\_koord\_destination},

success:function(response){

// remove loading

$('#run\_dijkstra').show();

$('#loading').hide();

varjson = JSON.parse(response);

console.log(response);

// RESET POLYLINE

if(poly != '') poly.setMap(null);

// RESET SEBELUMNYA

$(temp\_list\_angkot).each(function(w, x){

// x = marker0, marker1 dst

window[x].setMap(null);

});

// ERROR ALGORITMA DIJKSTRA

if(json.hasOwnProperty("error")) alert(json['error']['teks']);

// GAMBAR JALUR SHORTEST PATH

/\* setup polyline \*/

varpolyOptions = {

/\*path: [

{"lat": 37.772, "lng": -122.214},

{"lat": 21.291, "lng": -157.821},

{"lat": -18.142, "lng": 178.431},

{"lat": -27.467, "lng": 153.027}],

\*/

path: json['jalur\_shortest\_path'],

geodesic: true,

strokeColor: 'rgb(20, 120, 218)',

strokeOpacity: 1.0,

strokeWeight: 2,

};

poly = new google.maps.Polyline(polyOptions);

poly.setMap(map);

// GAMBAR KOORDINAT

$(json['angkot']).each(function(i, v)

{

// no\_angkot

no\_angkot = JSON.stringify(v['no\_angkot']);

window['infowindow'+i] = new google.maps.InfoWindow({

content: '<div>'+ no\_angkot +

'</div>'

});

// koordinatcar

koordinat\_angkot = v['koordinat\_mobil'];

window['marker'+i] = new google.maps.Marker({

position: koordinat\_mobil,

map: map,

title: 'title',

icon: '../../icon/car.png'

});

// popup

window['marker'+i].addListener('click', function() {

window['infowindow'+i].open(map, window['marker'+i]);

});

// temporary list angkot

temp\_list\_angkot[i] = 'marker'+i;

});

},

error:function(er){

alert('error: '+er);

// remove loading

$('#run\_dijkstra').show();

$('#loading').hide();

}

});

}

/\* load google maps v3 \*/

google.maps.event.addDomListener(window, 'load', initialize);

</script>

<script language="javascript" type="text/javascript">

functionclearText(field)

{

if (field.defaultValue == field.value) field.value = '';

else if (field.value == '') field.value = field.defaultValue;

}

</script>

<center>

<div id="content\_panel">

<div id="column\_w910">

<br /><br />

<div class="header\_01">Proses PencarianRuteAlgoritmaDijkstra</div>

<?php

include "Main.php";

$query = mysql\_query("SELECT \* FROM tb\_lokasikantor where id\_lokasikantor='".$\_GET['id\_lokasikantor']."'");

$r = mysql\_fetch\_array($query);

$json\_koordinat = '{"lat": '.$r['latitude'].', "lng": '.$r['longitude'].'}';

?>

<table align="center" width="100%">

<tr>

<td width="210"><b>Nama Kantor PemadamKebakaran</b></td>

<td width="5">:</td>

<td><input type="text" name='nm\_kantor' value="<?php echo $r['nm\_kantor']?>" class="panjang" /></td>

</tr>

<tr>

<td><b>Alamat</b></td>

<td>:</td>

<td><input type="text" name='alamat' value="<?php echo $r['alamat']?>" class="panjang"/></td>

</tr>

<tr>

<td><b>Koordinat</b></td>

<td>:</td>

<td><?php echo "[ ".$r['latitude'].", ".$r['longitude']." ]"?></td>

</tr>

<tr>

<td colspan="3"><hr /></td>

</tr>

<tr>

<td><b>AlamatTujuan</b></td>

<td>:</td>

<td><input type="text" name='almt\_tujuan' value="<?php echo $\_GET['almt\_tujuan']?>" class="panjang"/></td>

</tr>

<tr>

<td><b>KoordinatTujuan</b></td>

<td>:</td>

<td><?php echo "[ ".$\_GET['lat'].", ".$\_GET['lng']." ]"?></td>

</tr>

<tr>

<td colspan="3"><hr /></td>

</tr>

<tr>

<td colspan="3" align="center">

<input type="hidden" name='koordinat' id="koordinat" class="panjang" value='<?php echo $json\_koordinat;?>'/>

<input type="hidden" name='lat' id="lat" class="panjang" value='<?php echo $\_GET['lat'];?>'/>

<input type="hidden" name='lng' id="lng" class="panjang" value='<?php echo $\_GET['lng'];?>'/>

<span><button onclick="send\_dijkstra(koordinat.value,lat.value,lng.value)" id='run\_dijkstra' class="button">CariRute [Dijkstra]</button><span id='loading' style='display:none'>Proses membuatrute ..</span></span>

</td>

</tr>

<tr>

<td colspan="3"><hr /></td>

</tr>

</table>

<div id="map-canvas" style="border:dashed #6633FF 1.5px;

float:left; -moz-border-radius:6px;"" ></div>

<div id='DEBUG'></div>

</div>

</div>

</div>

</center>

**DAFTAR RIWAYAT HIDUP**

**Siska Setiana Butolo**, Lahir di Gorontalo pada tanggal 22 Oktober 1994,

anak tunggal dari pasangan Bapak Abd. Rasyid Butolo dan

Ibu Maryam T. Maksud.

**Riwayat Pendidikan :**

1. Tahun 2006, menyelesaikan Pendidikan di Sekolah Dasar Negeri 1 Duano Kec. Suwawa Tengah Kab. Bonebolango.
2. Tahun 2009, menyelesaikan Pendidikan di Sekolah Lanjutan Tingkat Pertama, SMP Negeri 1 Suwawa Kec. Suwawa Kab. Bonebolango.
3. Tahun 2012 menyelesaikan Pendidikan Sekolah Menengah Kejuruan, SMK Negeri 1 Suwawa Kec. Suwawa Kab. Bonebolango.
4. Tahun 2012, mendaftar dan di terima menjadi Mahasiswa di Fakultas Ilmu Komputer, Universitas Ichsan Gorontalo.