Lampiran

Listing Program TEWS

SIAGA.PHP

```php
<EMBED src="alert.wav"
    autostart=true loop=true
    volume=100
    hidden=true><NOEMBED><BGS
    OUND
    src="alert.wav"></NOEMBED
    >

<?php
$sql =  "select * from
    log_alarm where expired
    >= now() order by id desc
    limit 0,1";
$res = mysql_query($sql);
$row =
    mysql_fetch_assoc($res);
$id = $rows["id_log_gempa"];
?>

<!--
<table border="0"
    width="100%">
<tr>
<th>
<h3>Early Warning Systems</h3>
SIAGA : <? echo
    $row["status_siaga"]?>
</th>
</tr>
<tr>
<td align="center"><img
    src="siaga.map.php?id=$id
    "></td>
</tr>
</table>
-->

<?
$m = $_REQUEST["m"];
echo '<table border="0"
    cellpadding ="3"
    width="100%">';
echo '<tr>';
echo '<td align="center"
    colspan="3">';
echo '<div>';
echo '<h3>Early Warning
    Systems</h3>';
echo 'SIAGA : <? echo
    $row["status_siaga"]?>';
echo '</div>';

echo '<a
    href="index.php?option=si
    aga&m=1">Lokasi
    Gempa</a>';
echo ' | ';
echo '<a
    href="index.php?option=si
    aga&m=2">Tindakan
    Dini</a>';
echo ' | ';
echo '<a
    href="index.php?option=si
    aga">Lokasi
    Evakuasi</a>';
echo '</td>';
echo '</tr>';
echo '</table>';
switch($m){

case 1:
mapGempaLatest();
break;

case 2:
loadTindakan();
break;
case 3:
defaultSiaga();
break;

default:
defaultSiaga();
break;
}

function loadTindakan(){
$sql =  "select * from
    group_organisasi";
$res = mysql_query($sql);
$num = mysql_num_rows($res);
for($i=0;$i<$num;$i++){
$row[$i] =
    mysql_fetch_assoc($res);
}
for($i=0;$i<$num;$i++){
$sql1 = "select * from job as
    a join group_organisasi
    as b on
    (a.id_group_organisasi=b.
    id) where b.id =
    ".$row[$i]["id"];
```

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```php
$res1 = mysql_query($sql1);
$num1[$i] =
    mysql_num_rows($res1);
for($j=0;$j<$num1[$i];$j++){
$row1[$i][$j] =
    mysql_fetch_assoc($res1);
}
}
$tcols=2;

echo '<table border="0"
    cellspacing="4"
    ellpadding="3"
    width="100%">';
for($i=0;$i<$num;$i++){
$x = $i%$tcols;
if($x == 0){
echo '</tr>';
echo '<tr>';
echo '<td class="loginbox"
    width="50%"
    valign="top">';
echo '<table
    class="defaultfont">';
echo '<tr><th>Group :
    '.$row[$i]["nama"].'</th>
    </tr>';
echo '<tr>';
echo '<td>';
echo '<ul>';
for($j=0;$j<$num1[$i];$j++){
echo
    '<li>'.$row1[$i][$j]["job
    "].'</li>';
}
echo '</ul>';
echo '</td>';
echo '</tr>';
echo '</table>';
echo '</td>';
}else{
echo '<td class="loginbox"
    valign="top">';
echo '<table
    class="defaultfont" >';
echo '<tr><th>Group :
    '.$row[$i]["nama"].'</th>
    </tr>';
echo '<tr>';
echo '<td>';
echo '<ul>';
for($j=0;$j<$num1[$i];$j++){
echo
    '<li>'.$row1[$i][$j]["job
    "].'</li>';
}
echo '</ul>';
echo '</td>';
echo '</tr>';
```

```php
                                    (lanjutan)


echo '</table>';

echo '</td>';
echo '</tr>';
}

}
echo '</table>';

}

function mapGempaLatest(){
$sql =  "select * from
    log_alarm where expired
    >= now() order by id desc
    limit 0,1";
$res = mysql_query($sql);
$row =
    mysql_fetch_assoc($res);
$id = $rows["id_log_gempa"];

echo '<table border="0"
    width="100%">';
echo '<tr>';
echo '<td align="center"><img
    src="siaga.map.php?id=$id
    "></td>';
echo '</tr>';
echo '</table>';

}

function defaultSiaga(){
$sql_eva =  "select * from
    lokasi_evakuasi";
$res_eva =
    mysql_query($sql_eva);
$num_eva =
    mysql_num_rows($res_eva);
for($i=0;$i<$num_eva;$i++){
$rows_eva[$i] =
    mysql_fetch_assoc($res_ev
    a);
}

echo '<table border="0"
    cellpadding ="3"
    width="100%">';
for($i=0;$i<$num_eva;$i++){
$sql_jeva =  "select a.id as
    lokid, b.id, b.nama_jalur
    from jalur_evakuasi as b
    join lokasi_evakuasi as a
    on
    (b.id_lokasi_evakuasi=a.i
    d) where
```

```php
        a.id=".$rows_eva[$i]["id"
    ];
$res_jeva =
    mysql_query($sql_jeva);
$num_jeva[$i] =
    mysql_num_rows($res_jeva)
    ;
for($j=0;$j<$num_jeva[$i];$j++
    ){
$rows_jeva[$i][$j] =
    mysql_fetch_assoc($res_je
    va);
}
}

$tcols=2;
$trows = ceil($num_eva/3);
$x = $num_eva%3;


for($i=0;$i<$num_eva;$i++){
$x = $i%$tcols;
if($x == 0){
echo '</tr>';
echo '<tr>';
echo '<td class="loginbox"
    width="50%">Lokasi
    Evakuasi : <a
    href="index.php?option=ev
    akuasi"><b>'.$rows_eva[$i
    ]["nama"].'</b></a>';
echo '<hr>';
echo '<table
    class="defaultfont"
    border="0"
    width="100%">';
echo '<tr><td>Jalur : ';
echo '<ul>';
for($j=0;$j<$num_jeva[$i];$j++
    ){

echo '<li>';
echo
    $rows_jeva[$i][$j]["nama_
    jalur"];
echo '</li>';
}
echo '</ul>';
echo '</td>';
echo '</tr>';
echo '</table>';

echo '</td>';
}else{
echo '<td class="loginbox"
    >Lokasi Evakuasi : <a
    href="index.php?option=ev
    akuasi"><b>'.$rows_eva[$i
    ]["nama"].'</b></a>';

echo '<hr>';
echo '<table
    class="defaultfont"
    border="0"
    width="100%">';
echo '<tr><td>Jalur : ';
echo '<ul>';
for($j=0;$j<$num_jeva[$i];$j++
    ){
echo '<li>';
echo
    $rows_jeva[$i][$j]["nama_
    jalur"];
echo '</li>';
}
echo '</ul>';
echo '</td>';
echo '</tr>';
echo '</table>';
echo '</td>';
}
}
for($r=0;$r<$trows;$r++){
echo '<tr>';
for($c=0;$c<$tcols;$c++){
echo '<td>';
echo '</td>';
}
echo '</tr>';
}
echo '</table>';
}
?>
```

SIAGA.MAP.PHP

```php
<?
include("functions.graph.php")
    ;
include("config.php");
$link = mysql_connect($host,
    $user, $pass);
$db = mysql_select_db($dbname,
    $link);
$sql = "select id_log_gempa
    from log_alarm where
    expired >= now() order by
    id desc limit 0,1";
$res = mysql_query($sql);
```

```php
$row =                                              (lanjutan)
    mysql_fetch_assoc($res);
$id = $row["id_log_gempa"];

$sql1 = "select * from                  imagettftext($img, 9, 0,
    log_gempa where id                      $rows["map_x"],
    =".$id;                                 $rows["map_y"]+45,
$res1 = mysql_query($sql1);                 $black, $font, $text3);
$rows =                                 imagettftext($img, 9, 0,
    mysql_fetch_assoc($res1);               $rows["map_x"],
                                            $rows["map_y"]+60,
                                            $black, $font, $text4);
header('Content-Type:                   imagepng($img);
    image/png');                        imagedestroy($img);

$src = LoadPNG("map/dot.png");          ?>
$img =
    LoadPNG('map/bengkulu.png
    ');                                 GRAPH.PHP

$white =                                <?
    imagecolorallocate($img,
    255, 255, 255);                     function LoadPNG($imgname)
$grey =                                 {
    imagecolorallocate($img,                /* Attempt to open */
    128, 128, 128);                         $im =
$black =                                 @imagecreatefrompng($imgn
    imagecolorallocate($img,                ame);
    0, 0, 0);
$font = 'font/arial.ttf';                   /* See if it failed */
                                            if(!$im)
imagecolortransparent($src,ima          {
    gecolorat($src,0,0));                    /* Create a blank
$insert_x = imagesx($src);              image */
$insert_y = imagesy($src);                  $im =
                                        imagecreatetruecolor(150,
imagefilledellipse($img,                30);
    $rows["map_x"],                         $bgc =
    $rows["map_y"], 10, 10,             imagecolorallocate($im,
    $col_ellipse);                      255, 255, 255);
imageellipse($img,                          $tc =
    $rows["map_x"],$rows["map           imagecolorallocate($im,
    _y"], $rows["map_r"],               0, 0, 0);
    $rows["map_r"],
    $col_ellipse);
                                            imagefilledrectangle($im,
$text = 'Pusat Gempa ';                 0, 0, 150, 30, $bgc);
$text2 = $rows["skala"].' SR';
$text3 = $rows["kedalaman"].'               /* Output an error
    M';                                 message */
$text4 = $rows["tanggal"];                  imagestring($im, 1, 5,
imagettftext($img, 9, 0,                5, 'Error loading ' .
    $rows["map_x"],                     $imgname, $tc);
    $rows["map_y"]+15,                  }
    $black, $font, $text);
imagettftext($img, 9, 0,                    return $im;
    $rows["map_x"],                     }
    $rows["map_y"]+30,
    $black, $font, $text2);
```

```php
function
    imagelinethick($image,
    $x1, $y1, $x2, $y2,
    $color, $thick = 1)
{
    /* this way it works well
    only for orthogonal lines
    imagesetthickness($image,
    $thick);
    return imageline($image,
    $x1, $y1, $x2, $y2,
    $color);
    */
    if ($thick == 1) {
        return
    imageline($image, $x1,
    $y1, $x2, $y2, $color);
    }
    $t = $thick / 2 - 0.5;
    if ($x1 == $x2 || $y1 ==
    $y2) {
        return
    imagefilledrectangle($ima
    ge, round(min($x1, $x2) -
    $t), round(min($y1, $y2)
    - $t), round(max($x1,
    $x2) + $t),
    round(max($y1, $y2) +
    $t), $color);
    }
    $k = ($y2 - $y1) / ($x2 -
    $x1); //y = kx + q
    $a = $t / sqrt(1 + pow($k,
    2));
    $points = array(
        round($x1 -
    (1+$k)*$a), round($y1 +
    (1-$k)*$a),
        round($x1 - (1-
    $k)*$a), round($y1 -
    (1+$k)*$a),
        round($x2 +
    (1+$k)*$a), round($y2 -
    (1-$k)*$a),
        round($x2 + (1-
    $k)*$a), round($y2 +
    (1+$k)*$a),
    );
    imagefilledpolygon($image,
    $points, 4, $color);
    return
    imagepolygon($image,
    $points, 4, $color);
}

function LoadGif($imgname)
{
    /* Attempt to open */
```

(lanjutan)

```php
    $im =
    @imagecreatefromgif($imgn
    ame);

    /* See if it failed */
    if(!$im)
    {
        /* Create a blank
    image */
        $im =
    imagecreatetruecolor
    (150, 30);
        $bgc =
    imagecolorallocate ($im,
    255, 255, 255);
        $tc =
    imagecolorallocate ($im,
    0, 0, 0);

        imagefilledrectangle
    ($im, 0, 0, 150, 30,
    $bgc);

        /* Output an error
    message */
        imagestring ($im, 1,
    5, 5, 'Error loading ' .
    $imgname, $tc);
    }

    return $im;
}

header('Content-Type:
    image/png');
$src = LoadPNG("map/dot.png");
$img =
    LoadPNG('map/bengkulu.png
    ');
$col_ellipse =
    imagecolorallocate($img,
    255, 255, 25);
//imagefilledellipse($img,245,
    196, 10, 10,
    $col_ellipse);
imagecolortransparent($src,ima
    gecolorat($src,0,0));
$insert_x = imagesx($src);
$insert_y = imagesy($src);

imagecopymerge($img,$src,242,1
    92,0,0,$insert_x,$insert_
    y,100);
imagecopymerge($img,$src,442,3
    92,0,0,$insert_x,$insert_
    y,100);
```

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```php
imagefilledellipse($img,
    200,500, 5, 5,
    $col_ellipse);
imagefilledellipse($img,
    200,400, 5, 5,
    $col_ellipse);
imageellipse($img, 300,400,
    400, 400, $col_ellipse);

$white =
    imagecolorallocate($img,
    255, 255, 255);
$grey =
    imagecolorallocate($img,
    128, 128, 128);
$black =
    imagecolorallocate($img,
    0, 0, 0);
imagefilledrectangle($img, 0,
    0, 399, 29, $white);
imagelinethick($img, 200, 400,
    200, 250, $black,1);

$text = 'Pusat Gempa';
$font = 'font/arial.ttf';
imagettftext($img, 9, 0, 205,
    405, $black, $font,
    $text);

$textbuoy1 = 'Buoy 1';
imagettftext($img, 9, 0, 30,
    170, $black, $font,
    $textbuoy1);

$textbuoy2 = 'Buoy 2';
imagettftext($img, 9, 0, 205,
    505, $black, $font,
    $textbuoy2);

$col_ellipse =
    imagecolorallocate($img,
    250, 215, 25);

imagefilledellipse($img,
    20,40, 50, 50,
    $col_ellipse);
imagepng($img);
imagedestroy($img);
?>
```

EVAKUASI.PHP

```php
<?
$link = mysql_connect($host,
$user, $pass);
$db = mysql_select_db($dbname,
$link);
?>
<table class="loginbox"
width="100%">
```

(lanjutan)

```php
<tr>
<td align="center">

<?
$task = $_REQUEST["task"];
$id = $_REQUEST["id"];
switch($task){
case "detil":
detilLokasiEvakuasi($id);
break;

default:
generateEvakuasiMap();
break;
}
?>

</td>
</tr>
</table>

<?
function
generateEvakuasiMap(){
$sql = "select * from
lokasi_evakuasi";
$res = mysql_query($sql);
$num = mysql_num_rows($res);
for($i=0;$i<$num;$i++){
$rows[$i] =
mysql_fetch_assoc($res);
}
?>

<!-- script for generate
tooltip Map -->
<script
type="text/javascript">
dw_Tooltip.defaultProps = {
    wrapFn:
dw_Tooltip.wrapImageOverText
}

dw_Tooltip.content_vars = {

<?php
for($i=0;$i<$num;$i++){
?>

    L<?=($i+1)?>: {
        img:
'images/jalur_evakuasi.jpg',
        txt:
'<b><?=$rows[$i]["nama"]?></b>
',
```

```
        h: 250
    },

<?
}
?>
}
</script>
<!-- map from php GD -->
<map name="Map">
<?php
for($i=0;$i<$num;$i++){
?>

<area
name="<?=$rows[$i]['name']?>"
shape="circle"
coords="<?=$rows[$i]["x"]?>,<?
=$rows[$i]["y"]?>,10"
href="index.php?option=evakuas
i&task=detil&id=<?=$rows[$i]["
id"]?>" class="showTip
L<?=($i+1)?>">

<?
}
?>

</map>
<img src="map_evakuasi.php"
usemap="#Map">

<?
}

function
detilLokasiEvakuasi($id){
$sql = "select * from
lokasi_evakuasi where
id=".$id;
$res = mysql_query($sql);
$row =
mysql_fetch_assoc($res);

$sql1 = "select * from
organisasi where leid=".$id;
$res1 = mysql_query($sql1);
$num1 = mysql_num_rows($res1);
for($i=0;$i<$num1;$i++){
$row1[$i] =
mysql_fetch_assoc($res1);
}
echo '<table style="font-
size:10pt;" border="0"
width="100%">';
echo '<tr>';
echo '<td width="25%">Nama
Lokasi Evakuasi </td><td
width="5%">:</td><td>'.$row["n
ama"].'</td>';
echo '</tr>';
echo '<tr>';
echo '<td>Alamat Lokasi
Evakuasi</td><td
width="5%">:</td><td>'.$row["a
lamat"].'</td>';
echo '</tr>';
echo '<tr>';
echo '<td
colspan="2">Organisasi
Pendukung</td>';
echo '</tr>';
echo '<tr>';
echo '<td colspan="3">';
echo '<table style="font-
size:10pt;" width="100%">';
for($i=0;$i<$num1;$i++){
echo '<tr>';
echo
'<td>'.($i+1).'.'. '.$row1[
$i]["nama"].'</td>';
echo '</tr>';
}
echo '</table>';
echo '</td>';
echo '</tr>';
echo '</table>';
}
?>
```

ALARM.PHP

```
<?php
$link =
mysql_connect("localhost",
"root", "");
$db =
mysql_select_db("tsunami",
$link);

$siren = $_REQUEST["siren"];
if($siren == 'off'){
$sql = "update log_alarm set
expired = 0 where expired >=
now()";
$res = mysql_query($sql);
}

?>
```

```php
<?php
$link =
    mysql_connect("localhost"
    , "root", "");
$db =
    mysql_select_db("tsunami"
    , $link);
$sql = "select * from
    log_alarm";
$res = mysql_query($sql);
$num = mysql_num_rows($res);
for($i=0;$i<$num;$i++){
$rows[$i] =
    mysql_fetch_assoc($res);
}

?>
<table class="loginbox"
    width="100%">
<tr>
<td align="center">
<?
echo '<table style="font-
    size:10pt" border="1"
    width="100%">';
echo '<tr>';
echo
    '<th>No.</th><th>Tanggal<
    /th><th>Status
    Siaga</th>';
echo '</tr>';
for($i=0;$i<$num;$i++){
echo '<tr>';
echo
    '<td>'.($i+1).'</td><td>'
    .$rows[$i]["tanggal"].'</
    td><td>'.$rows[$i]["statu
    s_siaga"].'</td>';
echo '</tr>';
}
echo '</table>';
?>
<td>
</tr>
</table>
```

EWS_JOB.PHP

```php
<?php
if(isset($id)){
$sql = "select nama from
    group_organisasi where
    id=".$id;
$res = mysql_query($sql);
$nama =
    mysql_fetch_assoc($res);
```

```php
$sql = "select * from job
    where
    id_group_organisasi=".$id
    ;
$res = mysql_query($sql);
$num = mysql_num_rows($res);
for($i=0;$i<$num;$i++){
$rows[$i] =
    mysql_fetch_assoc($res);
}


echo '<center>';
echo '<h2>Tindakan Dini
    Tsunami</h2>';
echo
    '<b>'.$nama["nama"].'</b>
    ';
echo '</center>';
echo '<br>';
echo '<table border="1"
    width="100%">';

echo '<tr>';
echo
    '<th>No.</th><th>tindakan
    </th>';
echo '</tr>';
for($i=0;$i<$num;$i++){
echo '<tr>';
echo '<td
    align="center">'.($i+1).'
    </td>';
echo
    '<td>'.$rows[$i]["job"].'
    </td>';
echo '</tr>';
}
echo '</table>';
}else{
echo '<table>';
echo '<tr>';
echo '<td align="center">';
echo 'Tindakan Dini
    Penanggulangan Tsunami
    oleh organisasi';
echo '</td>';
echo '</tr>';
echo '</table>';


?>
}
```

```php
<?php
include("functions.umum.php");
$task = $_REQUEST["task"];

toolBars();
switch($task){
case "view":
viewFasilitas();
break;

case "add":
formFasilitas();
break;

case "edit":
formFasilitas(true, $id);
break;

case "update":
$id = $_REQUEST["fid"];
$nama_fasilitas =
    $_REQUEST["nama_fasilitas
    "];
$jenis_id =
    $_REQUEST["jenis_fasilita
    s"];
$jumlah_fasilitas =
    $_REQUEST["jumlah_fasilit
    as"];
$deskripsi =
    $_REQUEST["deskripsi"];

$sql = "update fasilitas set
    nama='$nama_fasilitas',
    jenis_id='$jenis_id',
    jumlah='$jumlah_fasilitas
    ', deskripsi='$deskripsi'
    where id=$id";
$result = mysql_query($sql);
break;

case "save":
$organisasi_id =
    $_REQUEST["organisasi_id"
    ];
$nama =
    $_REQUEST["nama_fasilitas
    "];
$jenis_id =
    $_REQUEST["jenis_fasilita
    s"];
$jumlah =
    $_REQUEST["jumlah_fasilit
    as"];
$deskripsi =
    $_REQUEST["deskripsi"];
```

```php
$sql  = " insert into
    fasilitas (nama,
    jenis_id, organisasi_id,
    jumlah, deskripsi) ";
$sql .= " values ('".$nama."',
    '".$jenis_id."',
    '".$organisasi_id."',
    '".$jumlah."',
    '".$deskripsi."') ";
$result = mysql_query($sql);
break;

case "detil":
detilFasilitas($id);
break;

case "delete":
$sql = "delete from fasilitas
    where id=".$id;
$res = mysql_query($sql);
break;

default:
viewFasilitas();
break;
}

function
    formFasilitas($edit=false
    , $id=0){
$sql0 =  "select * from
    organisasi order by id
    asc";
$result = mysql_query($sql0);
$num =
    mysql_num_rows($result);

for($i=0;$i<$num;$i++){
$rows[$i]=
    mysql_fetch_assoc($result
    );
}

$sql2 = "select * from
    jenis_fasilitas order by
    id asc";
$result2 = mysql_query($sql2);
$num2 =
    mysql_num_rows($result2);
for($i=0;$i<$num2;$i++){
$rows2[$i] =
    mysql_fetch_assoc($result
    2);
}
```

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```php
if($edit == true){
$sql1 ="select a.id, a.nama,
    a.jumlah, a.deskripsi,
    a.jenis_id, b.jenis from
    fasilitas as a join
    jenis_fasilitas as b on
    (a.jenis_id=b.id) where
    a.id=".$id;
$result1 = mysql_query($sql1);
$rows1 =
    mysql_fetch_assoc($result
    1);

echo '<form name="update"
    action="index.php?option=
    fasilitas&task=update"
    method="post">';
}else{
echo '<form name="save"
    action="index.php?option=
    fasilitas&task=save"
    method="post">';
}
echo '<table border="1"
    width="100%">';
echo '<tr>';
echo '<td>nama
    organisasi</td>';
echo '<td>';
echo '<select
    name="organisasi_id">';
for($i=0;$i<$num;$i++){
if($rows[$i] ==
    $rows["organisasi_id"]){
echo '<option selected
    value="'.$rows[$i]["id"].
    '">'.$rows[$i]["nama"].'<
    /option>';
}else{
echo '<option
    value="'.$rows[$i]["id"].
    '">'.$rows[$i]["nama"].'<
    /option>';
}
}

echo '</select>';
echo '</td>';
echo '</tr>';

echo '<tr>';
echo '<input name="fid"
    type="hidden"
    value="'.$rows1["id"].'">
    ';
echo '<td>nama
    fasilitas</td><td><input
    name="nama_fasilitas"
    type="text" size="75"
```

```php
                    (lanjutan)

    value="'.$rows1["nama"].'
    "></td>';
echo '</tr>';
echo '<tr>';
echo '<td>jenis</td>';
echo '<td>';
echo '<select
    name="jenis_fasilitas">';
for($i=0;$i<$num2;$i++){
if($rows2[$i]["id"] ==
    $rows1["jenis_id"]){
echo '<option selected
    value="'.$rows2[$i]["id"]
    .'">'.$rows2[$i]["jenis"]
    .'</option>';
}else{
echo '<option
    value="'.$rows2[$i]["id"]
    .'">'.$rows2[$i]["jenis"]
    .'</option>';

}
}
echo '</select>';
echo '</td>';
echo '</tr>';
echo '<tr>';
echo '<td>jumlah
    fasilitas</td><td><input
    name="jumlah_fasilitas"
    type="text" size="15"
    value="'.$rows1["jumlah"]
    .'"></td>';
echo '</tr>';
echo '<tr>';
echo '<td>deskripsi
    fasilitas</td><td><input
    name="deskripsi"
    type="text" size="75"
    value="'.$rows1["deskrips
    i"].'"></td>';
echo '</tr>';
echo '<tr>';
echo '<td align="center"
    colspan="2"><input
    type="submit"
    value="simpan"><input
    type="reset"
    value="batal"></td>';
echo '</tr>';

echo '</table>';
echo '</form>';
}
```

```php
function viewFasilitas(){
$sql0 = "select id, nama from
    organisasi order by id";
$result0 = mysql_query($sql0);
$num0 =
    mysql_num_rows($result0);
for($i=0;$i<$num0;$i++){
$rows0[$i] =
    mysql_fetch_assoc($result
    0);
$sql1[$i] = "select a.id,
    a.nama, a.jenis_id,
    a.jumlah, a.deskripsi,
    b.jenis from fasilitas as
    a join jenis_fasilitas as
    b on (a.jenis_id = b.id)
    where organisasi_id =
    ".$rows0[$i]["id"];
$result1 =
    mysql_query($sql1[$i]);
$num1[$i] =
    mysql_num_rows($result1);
for($j=0;$j<$num1[$i];$j++){
$rows1[$i][$j] =
    mysql_fetch_assoc($result
    1);
}
}
echo '<table border="1"
    width="100%">';
echo '<tr>';
echo '<th>nama</th>';
echo '<th>tipe</th>';
echo '<th>jumlah</th>';
echo '<th>keterangan</th>';
echo '</tr>';
for($i=0;$i<$num0;$i++){
echo '<tr>';
echo '<td
    colspan="4">'.$rows0[$i][
    "nama"].'</td>';
echo '</tr>';
echo '<tr>';
echo '<td colspan="4">';
echo '<table width="100%">';
echo '<tr>';
for($j=0;$j<$num1[$i];$j++){
echo '<tr>';
echo '<td> '.($j+1).'.<a
    href="index.php?option=fa
    silitas&task=detil&id='.$
    rows1[$i][$j]["id"].'">'.
    $rows1[$i][$j]["nama"].'<
    /a> [<a
    href="index.php?option=fa
    silitas&task=edit&id='.$r
    ows1[$i][$j]["id"].'">edi
    t</a>] [<a
    href="index.php?option=fa
    silitas&task=delete&id='.
    $rows1[$i][$j]["id"].'">d
    elete</a>]</td><td>'.swit
    chEmptyColoumn($rows1[$i]
    [$j]["jenis"]).'</td><td>
    '.switchEmptyColoumn($row
    s1[$i][$j]["jumlah"]).'</
    td><td>'.switchEmptyColou
    mn($rows1[$i][$j]["deskri
    psi"]).'</td>';
echo '</tr>';
}
echo '</td>';
echo '</tr>';
echo '</table>';
}
echo '</table>';
}

function detilFasilitas(){
$id = $_REQUEST["id"];
$sql = "select a.id, a.nama,
    b.jenis, a.jumlah,
    a.deskripsi from
    fasilitas as a join
    jenis_fasilitas as b on
    (a.jenis_id=b.id) where
    a.id=".$id;
$result = mysql_query($sql);
$rows =
    mysql_fetch_assoc($result
    );
echo '<table width="100%">';
echo '<tr>';
echo '<td
    width="10%">nama</td><td>
    '.switchEmptyColoumn($row
    s["nama"]).'</td>';
echo '</tr>';
echo '<tr>';
echo
    '<td>jenis</td><td>'.swit
    chEmptyColoumn($rows["jen
    is"]).'</td>';
echo '</tr>';
echo '<tr>';
echo
    '<td>jumlah</td><td>'.swi
    tchEmptyColoumn($rows["ju
    mlah"]).'</td>';
echo '</tr>';
echo '<tr>';
echo
    '<td>deskripsi</td><td>'.
```

```
    switchEmptyColoumn($rows[
    "deskripsi"]).'</td>';
echo '</tr>';
echo '</table>';
}

function toolBars(){
?>
<a
    href="index.php?option=fa
    silitas&task=view">daftar
    </a>
<a
    href="index.php?option=fa
    silitas&task=add">tambah<
    /a>
<hr>
<?
}

case "fadd":
formFasilitas();
break;

case "fedit":
$submit = $_REQUEST["submit"];
if($submit=="cari"){
$str = $_REQUEST["str"];
$rows = searchMenu(1, $str);
if(count($rows)>0){
hasil(1, $rows);
}
}else{
$rows = searchMenu(1, $str);
}
break;

case "fedit2":
$id= $_REQUEST["id"];
formFasilitas(true, $id);
break;

case "fview":
viewFasilitas();
break;

case "fsave":
$organisasi_id =
    $_REQUEST["organisasi_id"
    ];
$nama =
    $_REQUEST["nama_fasilitas
    "];
$jenis_id =
    $_REQUEST["jenis_fasilita
    s"];
$jumlah =
    $_REQUEST["jumlah_fasilit
    as"];
```

```
$deskripsi =
    $_REQUEST["deskripsi"];

$sql  = " insert into
    fasilitas (nama,
    jenis_id, organisasi_id,
    jumlah, deskripsi) ";
$sql .= " values ('".$nama."',
    '".$jenis_id."',
    '".$organisasi_id."',
    '".$jumlah."',
    '".$deskripsi."') ";
$result = mysql_query($sql);
if($result){
echo 'penambahan berhasil';
}
break;

case "fupdate":
$id = $_REQUEST["fid"];
$nama_fasilitas =
    $_REQUEST["nama_fasilitas
    "];
$jenis_id =
    $_REQUEST["jenis_fasilita
    s"];
$jumlah_fasilitas =
    $_REQUEST["jumlah_fasilit
    as"];
$deskripsi =
    $_REQUEST["deskripsi"];

$sql = "update fasilitas set
    nama='$nama_fasilitas',
    jenis_id='$jenis_id',
    jumlah='$jumlah_fasilitas
    ', deskripsi='$deskripsi'
    where id=$id";
$result = mysql_query($sql);
if($result){
echo 'update berhasil';
}
break;

case "fdetil":
detilFasilitas();
break;
?>
```

```php
<?php
function LoadPNG($imgname)
{
    /* Attempt to open */
    $im =
    @imagecreatefrompng($imgn
    ame);

    /* See if it failed */
    if(!$im)
    {
        /* Create a blank
    image */
        $im  =
    imagecreatetruecolor(150,
    30);
        $bgc =
    imagecolorallocate($im,
    255, 255, 255);
        $tc  =
    imagecolorallocate($im,
    0, 0, 0);


    imagefilledrectangle($im,
    0, 0, 150, 30, $bgc);

        /* Output an error
    message */
        imagestring($im, 1, 5,
    5, 'Error loading ' .
    $imgname, $tc);
    }

    return $im;
}


function
    imagelinethick($image,
    $x1, $y1, $x2, $y2,
    $color, $thick = 1)
{
    /* this way it works well
    only for orthogonal lines
    imagesetthickness($image,
    $thick);
    return imageline($image,
    $x1, $y1, $x2, $y2,
    $color);
    */
    if ($thick == 1) {
        return
    imageline($image, $x1,
    $y1, $x2, $y2, $color);
    }
    $t = $thick / 2 - 0.5;
```

```php
    if ($x1 == $x2 || $y1 ==
$y2) {
        return
imagefilledrectangle($ima
ge, round(min($x1, $x2) -
$t), round(min($y1, $y2)
- $t), round(max($x1,
$x2) + $t),
round(max($y1, $y2) +
$t), $color);
    }
    $k = ($y2 - $y1) / ($x2 -
$x1); //y = kx + q
    $a = $t / sqrt(1 + pow($k,
2));
    $points = array(
        round($x1 -
(1+$k)*$a), round($y1 +
(1-$k)*$a),
        round($x1 - (1-
$k)*$a), round($y1 -
(1+$k)*$a),
        round($x2 +
(1+$k)*$a), round($y2 -
(1-$k)*$a),
        round($x2 + (1-
$k)*$a), round($y2 +
(1+$k)*$a),
    );
    imagefilledpolygon($image,
$points, 4, $color);
    return
imagepolygon($image,
$points, 4, $color);
}

function LoadGif($imgname)
{
    /* Attempt to open */
    $im =
@imagecreatefromgif($imgn
ame);

    /* See if it failed */
    if(!$im)
    {
        /* Create a blank
    image */
        $im =
    imagecreatetruecolor
    (150, 30);
        $bgc =
    imagecolorallocate ($im,
    255, 255, 255);
```

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```php
    $tc =
imagecolorallocate ($im,
0, 0, 0);

    imagefilledrectangle
($im, 0, 0, 150, 30,
$bgc);

    /* Output an error
message */
    imagestring ($im, 1,
5, 5, 'Error loading ' .
$imgname, $tc);
    }

    return $im;
}
?>
```

MAP.EVAKUASI.PHP

```php
<?
include("functions.graph.php")
    ;
include_once("config.php");

$link = mysql_connect($host,
    $user, $pass);
$db = mysql_select_db($dbname,
    $link);

$sql = "select * from
    lokasi_evakuasi";
$res = mysql_query($sql);
$num = mysql_num_rows($res);
for($i=0;$i<$num;$i++){
$rows[$i] =
    mysql_fetch_assoc($res);
}

header('Content-Type:
    image/png');

$src = LoadPNG("map/dot.png");
$img =
    LoadPNG('map/bengkulu.png
    ');

imagecolortransparent($src,ima
    gecolorat($src,0,0));
$insert_x = imagesx($src);
$insert_y = imagesy($src);

for($i=0;$i<$num;$i++){
imagecopymerge($img,$src,$rows
    [$i]["x"],$rows[$i]["y"],
```

(lanjutan)

```php
0,0,$insert_x,$insert_y,1
00);
}

imagepng($img);
imagedestroy($img);

?>
```

MAP.LOG.GEMPA.PHP

```php
<?
include("functions.graph.php")
    ;
include("config.php");
$link = mysql_connect($host,
    $user,$pass);
$db = mysql_select_db($dbname,
    $link);
$sql = "select * from
    log_gempa";
$res = mysql_query($sql);
$num = mysql_num_rows($res);
for($i=0;$i<$num;$i++){
$rows[$i] =
    mysql_fetch_assoc($res);
}

$sqlb = "select * from buoy";
$resb = mysql_query($sqlb);
$n_buoy =
    mysql_num_rows($resb);
for($i=0;$i<$n_buoy;$i++){
$buoys[$i] =
    mysql_fetch_assoc($resb);
}

header('Content-Type:
    image/png');
$src =
    LoadPNG("map/buoy.png");
$img =
    LoadPNG('map/bengkulu.png
    ');
$col_ellipse =
    imagecolorallocate($img,
    25, 25, 255);

imagecolortransparent($src,ima
    gecolorat($src,0,0));
$insert_x = imagesx($src);
$insert_y = imagesy($src);
```

```php
for($i=0;$i<$n_buoy;$i++){
imagecopymerge($img,$src,$buoy
    s[$i]["map_x"],$buoys[$i]
    ["map_y"],0,0,$insert_x,$
    insert_y,100);
}

for($i=0;$i<$num;$i++){
imagefilledellipse($img,
    $rows[$i]["map_x"],
    $rows[$i]["map_y"], 10,
    10, $col_ellipse);
imageellipse($img,
    $rows[$i]["map_x"],$rows[
    $i]["map_y"],
    $rows[$i]["map_r"],
    $rows[$i]["map_r"],
    $col_ellipse);
}

$white =
    imagecolorallocate($img,
    255, 255, 255);
$grey =
    imagecolorallocate($img,
    128, 128, 128);
$black =
    imagecolorallocate($img,
    0, 0, 0);

$font = 'font/arial.ttf';
for($i=0;$i<$num;$i++){
$text = 'Pusat Gempa '.
    ($i+1);
$text2 = $rows[$i]["skala"].'
    SR';
$text3 =
    $rows[$i]["kedalaman"].'
    M';
$text4 = $rows[$i]["tanggal"];
imagettftext($img, 9, 0,
    $rows[$i]["map_x"],
    $rows[$i]["map_y"]+15,
    $black, $font, $text);
imagettftext($img, 9, 0,
    $rows[$i]["map_x"],
    $rows[$i]["map_y"]+30,
    $black, $font, $text2);
imagettftext($img, 9, 0,
    $rows[$i]["map_x"],
    $rows[$i]["map_y"]+45,
    $black, $font, $text3);
imagettftext($img, 9, 0,
    $rows[$i]["map_x"],
    $rows[$i]["map_y"]+60,
    $black, $font, $text4);
```

(lanjutan)

```php
}
imagepng($img);
imagedestroy($img);

?>
```

SIMULATOR.PHP

```php
<?
$s = $_REQUEST["s"];
$x = rand(200, 500);
$y = rand(100, 400);
$r = rand(100, 450);
$scale=rand(3, 8);
$depth = rand(10, 100);

include("config.php");
$link = mysql_connect($host,
    $user, $pass);
$db = mysql_select_db($dbname,
    $link);

$day = getdate();
$tanggal = $day["year"].'-
    '.$day["mon"].'-
    '.$day["mday"];
$tanggal_expire =
    $day["year"].'-
    '.$day["mon"].'-
    '.($day["mday"]+1);
$sql = "insert into
    log_gempa(skala,
    kedalaman, map_x, map_y,
    map_r) values('$scale',
    '$depth', '$x', '$y',
    '$r')";
$res = mysql_query($sql);
$id = mysql_insert_id();

$sql2 = "insert into log_alarm
    (tanggal, expired,
    status_siaga, skala,
    kedalaman, id_log_gempa)
    values
    ('$tanggal','$tanggal_exp
    ire' ,'$s', '$scale',
    '$depth', $id)";
$res = mysql_query($sql2);

ob_start();
header("location:index.php");
ob_end();

?>
```

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SPESIFIKASI SIEMENS C55

Siemens C55 Specification

General & Hardware	Network Technology	Dual Band
	Dimensions (mm)	101 x 44 x 21
	Weight (g)	84
	Available colours	aqua, champagne, bordeaux
	Screen Size	5
	Screen Color	No Color
	Antenna	Fixed Internal
	Phonebook	250
	Battery Type	Li_Ion
	Stand-by (hrs)	260 hours
	TalkTime(min)	360 minutes
Entertainment	Polyphonic	
	MP3	No
	FM Radio	No
Messaging	SMS	Yes
	MMS	No
	EMS	No
Connectivity	3G	No
	GPRS	Yes
	Bluetooth	No
	USB Port	No
	Infrared (IrDA)	No
Software	Java (J2ME)	Yes
	WAP	Yes Ver 1.2

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SPESIFIKASI KABEL DATA SIEMENS C55

Key Specifications/Special Features:

USB data cable connecting Siemens cellphone to computers for transmitting information by USB connector connect to internet easily.

- ◆ GPRS connect internet
- ◆ USB single data cable
- ◆ Higher transfer speed than the RS232 cable, supporting baud rates from 1200 to 115.2K
- ◆ Needs corresponding software with the simulation ports of COM3, COM4, except COM1,COM2 in the PC
- ◆ A CD with driving procedures is available
- ◆ Complies with USB specification ver1.1
- ◆ Supports automatic handshake mode
- ◆ Over 1 Mbps transfer rate
- ◆ Supports windows 98, windows 2000, Windows ME, Windows XP, Mac OS 8.6 or above
- ◆ Dimension: 1.2 m
- ◆ Including an USB cable with type a connector to host computer
- ◆ Connectors can connect to Mobile phones as Terminal quipment.(optional type)
- ◆ Operational Temperature : 0~50 degree celsius
- ◆ Humidity: 10~90%
- ◆ Storage Temperature: -20~65 degree celsius
- ◆ Average 10 mA(at 5V), maximum 15 mA(at 5V)

Compatible With:

- ◆ Siemens A52 / A55 / A56 / A60 / C55 / C56 / C60 / C65 / CF62 / CT56 / M55 / M56 / M60 / MC60 / MT55 / S55 / S
  S57 / S65 / SL5C / SL55 / SL56 / 1168 / 2218

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