Lampiran   
Listing Program

1. Program

Nama file : spc.php

<div class="main-content"><div class="main-content-inner">

<div class="page-content"><div class="row">

<div class="col-xs-12"><div class="row">

<?php

if ($\_GET['p']=='sukses'){

?>

<div class="alert alert-info">

<button class="close" data-dismiss="alert">

<i class="ace-icon fa fa-times"></i>

</button>

<i class="ace-icon fa fa-save"></i>

SPC Berhasil disimpan.

</div>

<?php

}

if ($\_GET['p']=='edit'){

?>

<div class="alert alert-info">

<button class="close" data-dismiss="alert">

<i class="ace-icon fa fa-times"></i>

</button>

<i class="ace-icon fa fa-save"></i>

SPC Berhasil diedit.

</div>

<?php

}

if ($\_GET['p']=='del'){

?>

<div class="alert alert-info">

<button class="close" data-dismiss="alert">

<i class="ace-icon fa fa-times"></i>

</button>

<i class="ace-icon fa fa-save"></i>

SPC Berhasil dihapus.

</div>

<?php

}

if ($\_GET['page']==''){

?>

<div class="col-xs-12">

<div class="clearfix">

<div class="pull-right tableTools-container"></div>

</div>

<div class="table-header">

Data Signaling Point Code

</div>

<div>

<table id="dynamic-table" class="table table-striped table-bordered table-hover">

<thead>

<tr>

<th>No</th>

<th>Kode SPC</th>

<th>Fungsi</th>

<th>Kode Area</th>

<th>Kota / Kab</th>

<th>Hexa</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<?php

$no=1;

$query = mysql\_query("select \* from tbl\_spc, tbl\_sni, tbl\_poc, tbl\_fungsispc where tbl\_poc.kode\_kabkot = tbl\_sni.kode\_kabkot and tbl\_spc.kode\_fungsispc = tbl\_fungsispc.kode\_fungsispc and tbl\_spc.id\_poc=tbl\_poc.id\_poc and tbl\_spc.kode\_operator='$\_SESSION[kode\_operator]'");

while($data=mysql\_fetch\_array($query)){

?>

<tr>

<td>

<?php echo $no; ?>

</td>

<td><?php echo $data['kode\_spc']; ?></td>

<td><?php echo $data['nama\_fungsispc']; ?></td>

<td><?php echo $data['kode\_area']; ?></td>

<td class="hidden-480"><?php echo $data['nama\_kabkot']; ?></td>

<td class="hidden-480">

<?php echo dechex($data['kode\_spc']); ?>

</td>

<td>

<div class="hidden-sm hidden-xs action-buttons">

<a class="green" href="?con=spc&page=edit&id=<?php echo $data['id\_spc']; ?>">

<i class="ace-icon fa fa-pencil bigger-130"></i>

</a>

<a class="red" href="?con=spc&page=delete&id=<?php echo $data['id\_spc']; ?>&spc=<?php echo $data['kode\_spc']; ?>" onclick="return confirm('Apakah Anda Yakin menghapus SPC ini? Setiap Interkoneksi terkait akan ikut terhapus.')">

<i class="ace-icon fa fa-trash-o bigger-130"></i>

</a>

</div>

</td>

</tr>

<?php

$no++;

}

?>

</tbody>

</table>

</div>

</div>

<?php

}elseif($\_GET['page']=='edit' and $\_SESSION['edit\_spc']=='1'){

$editspc = mysql\_fetch\_array(mysql\_query("SELECT \* FROM tbl\_spc where id\_spc='$\_GET[id]'"));

?>

<div class="col-xs-12 ">

<!-- PAGE CONTENT BEGINS -->

<form class="form-horizontal" role="form" action="?con=actnewspc&action=edit" id="editspc" method="post">

<div class="hr hr-24"></div>

<h4> EDIT SPC </h4>

<div class="hr hr-24"></div>

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

<input type="hidden" name="kode\_operator" value="<?php echo $\_SESSION['kode\_operator'];?>">

<div class="row">

<div class="col-xs-12 col-sm-4">

<div class="widget-box" >

<div class="widget-header">

<h4 class="widget-title">POC</h4>

<span class="widget-toolbar">

<a href="#" data-action="reload">

<i class="ace-icon fa fa-refresh"></i>

</a>

<a href="#" data-action="collapse">

<i class="ace-icon fa fa-chevron-up"></i>

</a>

<a href="#" data-action="close">

<i class="ace-icon fa fa-times"></i>

</a>

</span>

</div>

<div class="widget-body"><div class="widget-main"><div>

<label for="form-field-select-3">Pilih Point Of Charge</label>

<br />

<select class="chosen-select form-control" id="form-field-select-3" name="kode\_wilayah\_id\_poc\_kode\_kabkot">

<?php $bacapoc1 = mysql\_query("SELECT \* FROM tbl\_poc, tbl\_sni where tbl\_poc.kode\_kabkot=tbl\_sni.kode\_kabkot and id\_poc='$editspc[id\_poc]'");

$data\_poc1=mysql\_fetch\_array($bacapoc1);

?>

<option value="<?php echo $data\_poc1['kode\_wilayah'].",".$data\_poc1['id\_poc'].",".$data\_poc1['kode\_kabkot'];?>"><?php echo $data\_poc1['kode\_area']." - ".$data\_poc1['nama\_poc'].", ".$data\_poc1['nama\_kabkot'];?></option>

<?php

$bacapoc2 = mysql\_query("SELECT \* FROM tbl\_poc, tbl\_sni where tbl\_poc.kode\_kabkot=tbl\_sni.kode\_kabkot and id\_poc NOT IN ('$editspc[id\_poc]')");

while($data\_poc2=mysql\_fetch\_array($bacapoc2)){

?>

<option value="<?php echo $data\_poc2['kode\_wilayah'].",".$data\_poc2['id\_poc'].",".$data\_poc2['kode\_kabkot'];?>"><?php echo $data\_poc2['kode\_area']." - ".$data\_poc2['nama\_poc'].", ".$data\_poc2['nama\_kabkot'];?></option>

<?php }?>

</select>

</div></div></div></div></div>

<div class="col-xs-12 col-sm-4"><div class="widget-box" >

<div class="widget-header">

<h4 class="widget-title">Fungsi SPC</h4>

<span class="widget-toolbar">

<a href="#" data-action="reload">

<i class="ace-icon fa fa-refresh"></i>

</a>

<a href="#" data-action="collapse">

<i class="ace-icon fa fa-chevron-up"></i>

</a>

<a href="#" data-action="close">

<i class="ace-icon fa fa-times"></i>

</a>

</span>

</div>

<div class="widget-body">

<div class="widget-main">

<div>

<label for="form-field-select-3">Pilih Fungsi Signaling Point Code</label>

<br />

<select class="chosen-select form-control" name="kode\_fungsispc">

<?php $bacakode1 = mysql\_query("SELECT \* FROM tbl\_fungsispc where kode\_fungsispc='$editspc[kode\_fungsispc]'");

$data\_fungsi1=mysql\_fetch\_array($bacakode1);

?>

<option value="<?php echo $data\_fungsi1['kode\_fungsispc'];?>"><?php echo $data\_fungsi1['nama\_fungsispc'];?></option>

<?php

$bacakode2 = mysql\_query("SELECT \* FROM tbl\_fungsispc where kode\_fungsispc NOT IN ('$editspc[kode\_fungsispc]')");

while($data\_fungsi2=mysql\_fetch\_array($bacakode2)){

?>

<option value="<?php echo $data\_fungsi2['kode\_fungsispc'];?>"><?php echo $data\_fungsi2['nama\_fungsispc'];?></option>

<?php }?>

</select>

</div></div></div></div></div>

<div class="col-xs-12 col-sm-4">

<div class="widget-box" >

<div class="widget-header">

<h4 class="widget-title">Node</h4>

<span class="widget-toolbar">

<a href="#" data-action="reload">

<i class="ace-icon fa fa-refresh"></i>

</a>

<a href="#" data-action="collapse">

<i class="ace-icon fa fa-chevron-up"></i>

</a>

<a href="#" data-action="close">

<i class="ace-icon fa fa-times"></i>

</a>

</span></div>

<div class="widget-body"><div class="widget-main"><div>

<label for="form-field-select-3">Pilih Node</label>

<br />

<select class="chosen-select form-control" name="kode\_node">

<option value="<?php echo $editspc['kode\_node'];?>"><?php echo $editspc['kode\_node'];?></option>

<?php $bacakode = mysql\_query("SELECT \* FROM tbl\_node where kode\_node NOT IN ('$editspc[kode\_node]')");

while($data\_node=mysql\_fetch\_array($bacakode)){

?>

<option value="<?php echo $data\_node['kode\_node'];?>"><?php echo $data\_node['kode\_node'];?></option>

<?php }?>

</select>

</div></div></div></div></div></div>

<div class="clearfix form-actions">

<div class="col-md-offset-3 col-md-9">

<button class="btn btn-info" type="submit" form="editspc">

<i class="ace-icon fa fa-check bigger-110"></i>

Submit

</button>

&nbsp; &nbsp; &nbsp;

<button class="btn" type="reset">

<i class="ace-icon fa fa-undo bigger-110"></i>

Reset

</button>

</div></div>

<div class="hr hr-24"></div>

<div class="space-24"></div>

</form>

</div>

<?php

}elseif($\_GET['page']=='delete' AND $\_SESSION['delete\_spc']=='1'){

$created = date('Y-m-d H:i:s');

mysql\_query("DELETE FROM tbl\_spc where id\_spc='$\_GET[id]'");

mysql\_query("insert into tbl\_log(aktivitas, username\_user, created) values('Telah menghapus SPC ID : $\_GET[id] - KODE : $\_GET[spc]','$\_SESSION[username\_user]','$created')");

echo "<meta http-equiv='refresh' content='0;?con=spc&p=del'>";

}

?>

</div></div></div></div></div></div>

Nama File : spc\_process.php

<?php

$id\_spc = $\_POST['id\_spc'];

$kode\_spc = $\_POST['kode\_spc'];

$kode\_operator = $\_POST['kode\_operator'];

$kode\_node = $\_POST['kode\_node'];

$kode\_fungsispc = $\_POST['kode\_fungsispc'];

$id\_poc = $\_POST['id\_poc'];

$kode\_kabkot = $\_POST['kode\_kabkot'];

$updated = $\_POST['created'];

$updater = $\_SESSION['username\_user'];

$dataspc = mysql\_fetch\_array(mysql\_query("select \* from tbl\_spc where id\_spc='$id\_spc'"));

mysql\_query("UPDATE tbl\_spc set kode\_spc='$kode\_spc', kode\_node='$kode\_node', kode\_fungsispc='$kode\_fungsispc', id\_poc='$id\_poc', updated='$updated', updater='$updater' where id\_spc='$id\_spc'");

mysql\_query("insert into tbl\_log(aktivitas, username\_user, created) values('Telah melakukan perubahan SPC $dataspc[kode\_spc] menjadi $kode\_spc dan fungsi sebagai $kode\_fungsispc','$\_SESSION[username\_user]','$updated')");

echo "<meta http-equiv='refresh' content='0;?con=spc&p=edit'>";

?>

1. Database

CREATE DATABASE IF NOT EXISTS `db\_spc`;

USE `db\_spc`;

CREATE TABLE IF NOT EXISTS `tbl\_fungsispc` (

`id\_fungsispc` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_fungsispc` varchar(6) NOT NULL,

`nama\_fungsispc` varchar(40) NOT NULL,

PRIMARY KEY (`id\_fungsispc`),

UNIQUE KEY `kode\_fungsispc` (`kode\_fungsispc`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_interkoneksi` (

`id\_interkoneksi` int(10) NOT NULL AUTO\_INCREMENT,

`id\_spc` int(6) NOT NULL, `kode\_spc\_olo` int(6) NOT NULL,

`kode\_kabkot\_olo` int(6) NOT NULL,

`kode\_operator\_olo` int(6) NOT NULL,

`status\_interkoneksi` int(1) NOT NULL,

PRIMARY KEY (`id\_interkoneksi`),

KEY `id\_spc` (`id\_spc`),

KEY `kode\_kabkot\_olo` (`kode\_kabkot\_olo`),

KEY `kode\_operator\_olo` (`kode\_operator\_olo`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_laporan` (

`id\_laporan` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_operator` int(5) NOT NULL,

`id\_interkoneksi` int(10) NOT NULL,

PRIMARY KEY (`id\_laporan`),

KEY `id\_interkoneksi` (`id\_interkoneksi`),

KEY `kode\_operator` (`kode\_operator`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_log` (

`id\_log` int(10) NOT NULL AUTO\_INCREMENT,

`aktivitas` text NOT NULL,`username\_user` varchar(20) NOT NULL,

`created` varchar(30) NOT NULL,

PRIMARY KEY (`id\_log`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_node` (

`id\_node` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_node` int(2) NOT NULL,`binner\_node` varchar(6) NOT NULL,

PRIMARY KEY (`id\_node`),

UNIQUE KEY `kode\_node` (`kode\_node`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_operator` (

`id\_operator` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_operator` int(2) NOT NULL,`nama\_operator` varchar(50) NOT NULL,

`brand\_operator` varchar(30) NOT NULL,

`binner\_operator` varchar(5) NOT NULL,

`nomor\_penetapan` varchar(50) DEFAULT NULL,

`date\_penetapan` varchar(20) DEFAULT NULL,

PRIMARY KEY (`id\_operator`),

UNIQUE KEY `kode\_operator` (`kode\_operator`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_poc` (

`id\_poc` int(11) NOT NULL AUTO\_INCREMENT,

`kode\_area` varchar(4) NOT NULL,

`nama\_poc` varchar(30) NOT NULL,

`jenis\_sentral` varchar(30) NOT NULL,

`nama\_poi` varchar(30) NOT NULL,

`kode\_kabkot` int(5) NOT NULL,

PRIMARY KEY (`id\_poc`),

KEY `kode\_kabkot` (`kode\_kabkot`),

KEY `kode\_area` (`kode\_area`),

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_prov` (

`id\_prov` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_prov` int(3) DEFAULT NULL,

`nama\_prov` varchar(100) DEFAULT NULL

PRIMARY KEY (`id\_prov`),

UNIQUE KEY `kode\_prov` (`kode\_prov`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_sni` (

`id\_sni` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_prov` int(3) NOT NULL,`kode\_kabkot` int(5) NOT NULL,

`nama\_kabkot` varchar(100) NOT NULL,

`kode\_wilayah` int(1) NOT NULL,

PRIMARY KEY (`id\_sni`),

UNIQUE KEY `kode\_kabkot` (`kode\_kabkot`),

KEY `kode\_prov` (`kode\_prov`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_spc` (

`id\_spc` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_spc` int(6) NOT NULL,

`kode\_operator` int(2) NOT NULL,

`kode\_node` int(2) NOT NULL,

`kode\_fungsispc` varchar(6) NOT NULL,

`id\_poc` int(11) NOT NULL,

PRIMARY KEY (`id\_spc`),

KEY `kode\_operator` (`kode\_operator`),

KEY `kode\_fungsi` (`kode\_fungsispc`),

KEY `kode\_spc` (`kode\_spc`),

KEY `kode\_node` (`kode\_node`),

KEY `id\_poc` (`id\_poc`),

CONSTRAINT `tbl\_spc\_ibfk\_2` FOREIGN KEY (`kode\_operator`) REFERENCES `tbl\_operator` (`kode\_operator`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_user` (

`id\_user` int(10) NOT NULL AUTO\_INCREMENT,

`username\_user` varchar(20) NOT NULL,

`password\_user` varchar(20) NOT NULL,

`namalengkap\_user` varchar(40) NOT NULL,

`email\_user` varchar(60) NOT NULL,

`last\_login` varchar(30) NOT NULL,

`status` int(1) NOT NULL DEFAULT '0',

`kode\_operator` int(2) NOT NULL,

`avatar` varchar(50) NOT NULL DEFAULT 'avatar.png',

`level` varchar(50) NOT NULL,

PRIMARY KEY (`id\_user`),

UNIQUE KEY `username\_user` (`username\_user`),

UNIQUE KEY `email\_user` (`email\_user`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `tbl\_wilayah` (

`id\_wilayah` int(10) NOT NULL AUTO\_INCREMENT,

`kode\_wilayah` int(1) NOT NULL,

`nama\_wilayah` varchar(30) NOT NULL,

`binner\_wilayah` varchar(3) NOT NULL,

PRIMARY KEY (`id\_wilayah`),

UNIQUE KEY `kode\_wilayah` (`kode\_wilayah`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;