

LAMPIRAN 2

1. Halaman login

```
<html>
<head>
<title>.::Aplikasi SPK:.:</title>
<meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1">
<style type="text/css">
<!--
.style1 {
    font-size: 36px;
    font-style: italic;
    font-weight: bold;
}
-->
</style>
<script>
    function makemein() {
        var user =
document.getElementById('userid').value;
        var pass =
document.getElementById('passwd').value;
        if(user!='' && pass!='') {
            return true;
        }
        else {
            alert('Isi User ID dan Password
terlebih dahulu');
            return false;
        }
    }
</script>
</head>
<body background="images/a.jpg" bgcolor="#FFFFFF"
leftmargin="0" topmargin="0" marginwidth="0"
marginheight="0">
<!-- ImageReady Slices (Untitled-1) -->
<table id="Table_01" width="1024" height="768" border="0"
cellpadding="0" cellspacing="0" align="center">
    <tr>
        <td background="images/1.jpg" width="1024"
height="142" alt=""></td>
    </tr>
    <tr>
        <td background="images/2.jpg" width="1024"
height="574" alt="" valign="top">
            <table width="100%" border="0"
align="center">
                <tr>
                    <td width="200px"
align="center">
                        <form name="flogin" id="flogin"
method="post" onSubmit="return makemein()"
```

```

action="actLogin1.php">
                                <table border='0'>
                                    <tr>
                                        <td
align="center" height="10px" valign="top" colspan="3"
width="200px"><b>USER LOGIN</b></td>
                                        </tr>
                                    <tr>
                                        <td
colspan="3" align="center" >
                                <div
class="error"><?=$_GET['konfirmasi'];?></div></td>
                                        </tr>
                                    <tr>
                                        <td>User</td>
                                        <td>:</td>
                                        <td align="center"><input type='text' name='userid'
id='userid'></td>
                                    </tr>
                                    <tr>
                                        <td colspan="3"><hr color=#00006></td>
                                    </tr>
                                    <tr>
                                        <td>Pasword</td>
                                        <td>:</td>
                                        <td><input type='password' name='passwd'
id='passwd' ></td>
                                    </tr>
                                    <tr>
                                        <td align='right'><input type='submit' value='Login'
name='b_login' id='b_login' class='button'></td>
                                    </tr>
                                </table>
                                </form>
                            </td>
                            <td valign="top"
style="width:1px; background-color:#010101;">
                            </td>
                            <td width="800px"
height="500px" align="center" bgcolor="#9999CC"><div
align="center" class="style1" style="color:#000066" >
                                Sistem Aplikasi Pendukung
Keputusan<br/>
                                Penerimaan Beasiswa Dengan Metode AHP
                                & TOPSIS</div></td>
                            </tr>
                        </table>

```

```

        </td>
    </tr>
    <tr>
        <td background="images/3.jpg" width="1024"
height="52" alt="" align="center"> Copy Right : 2012</td>
    </tr>
</table>
<!-- End ImageReady Slices -->
</body>
</html>

```

2. Fungsi login

```

<?
    session_start();
    include 'conection.php';
    $user = strip_tags(trim($_POST['userid'])); #echo
$user;
    $pass = strip_tags(trim($_POST['passwd'])); #echo
md5($pass);

    if($user!='' and $pass!='') {
        $q = @mysql_query("SELECT * FROM user WHERE
user.username = '". $user. "'") or die (mysql_error());
        $dpass = @mysql_result($q,0,1);
        $level = @mysql_result($q,0,2);
        if(md5($pass)==$dpass) {
            unset($_POST);
            $_SESSION['s_level']= $level;
            $_SESSION['s_user'] = $user;
            $_SESSION['s_pass'] = $dpass;
            header("location:beranda.php");

        }
        else {
            $konfirmasi = 'User ID atau Password
Anda Salah';

            header("location:index.php?konfirmasi=".$konfirmasi
);
        }
    }
    else {
        $konfirmasi = 'User ID atau Password Tidak
Boleh Kosong';

        header("location:index.php?konfirmasi=".$konfirmasi
);
    }
?>

```

3. Cek Session

```

<?
    session_start();
    if($_SESSION['s_pass']==' &&
$_SESSION['s_level']==' && $_SESSION['s_user']=='') {
        header("location:index.php");
    }
?>

```

4. Koneksi database

```

<?
// host:port, user, password
$conn = mysql_connect("localhost","root","") or die
("SERVER DOWN");
$db    = mysql_select_db("beasiswa", $conn) or die
("DATABASE TIDAK ADA");
?>

```

5. Halaman beranda

```

<html>
<head>
<title>.:Aplikasi SPK:.</title>
<meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1">
<link type="text/css" rel="stylesheet"
href="skripsi.css">
</head>
<body background="images/a.jpg" bgcolor="#FFFFFF"
leftmargin="0" topmargin="0" marginwidth="0"
marginheight="0">
<!-- ImageReady Slices (Untitled-1) -->
<table id="Table_01" width="1024" height="768" border="0"
cellpadding="0" cellspacing="0" align="center">
<tr>
    <td background="images/1.jpg" width="1024"
height="142" alt=""></td>
</tr>
    <tr>
        <td background="images/2.jpg"
style='background-repeat:no-repeat; background-
color:b8bacf;' alt="" valign="top" align="center">
            <table border="0" width='100% '>
                <tr>
                    <td width="170px"
height="325" align="left" valign="top">
                        <div class="navcontainer">
                            <ul>
                                <li><a
href="?halaman=mahasiswa">Mahasiswa</a></li>
                                </ul>
                                <ul>
                                    <li><a
href="?halaman=bobotkriteria">Bobot Kriteria</a></li>
                                    </ul>
                        </div>
                    </td>
                </tr>
            </table>
        </td>
    </tr>
</table>

```

```

        <ul>
        <li><a
href="?halaman=ahp">Proses AHP</a></li>
        </ul>
        <ul>
        <li><a
href="?halaman=topsis">Proses Topsis</a></li>
        </ul>
        <ul>
        <li><a
href="?halaman=hasilperangkingan">Hasil
Perangkingan</a></li>
        </ul>
        <ul>
        <li><a
href="index.php">logout</a></li>
        </ul>
    </div>
</td>
<td valign="top"
style="width:1px; background-color:#010101;">
</td>
<td align="center"
valign="top" width="500px">
    <?
    $halaman =
    $_GET['halaman'];

    if($halaman=='mahasiswa')
        {
            include
'include/mahasiswa.php';
        }

    if($halaman=='bobotkriteria')
        {
            include
'include/bobot_kriteria.php';
        }
    if($halaman=='ahp')
        {
            include
'ahp.php';
        }

    if($halaman=='topsis')
        {
            include
'topsis.php';
        }

    if($halaman=='hasilperangkingan')
        {
            include
'viewperangkingan.php';

```

```

    }
    ?>
    </td>
  </tr>
</table>
</td>
</tr>
<tr>
  <td background="images/3.jpg" width="1024"
height="52" alt="" align="center"> Copy Right : Mida</td>
</tr>
</table>
<!-- End ImageReady Slices -->
</body>
</html>

```

6. Halaman beranda mahasiswa

```

<?
ob_start();
?>
<html>
<style>
.isidata { font-size:12px;; }
.isidata table { font-size:12px;; }
</style>
<body>
<table>
  <tr>
    <td colspan="3"
align="center">Mahasiswa</td>
  </tr>
  <tr>
    <td align="center" width="200px"><a
href="?halaman=mahasiswa&detail=inputmahasiswa"><img
src='images/input.png'></td>
    <td align="center" width="200px"><a
href="?halaman=mahasiswa&detail=editmahasiswa"><img
src='images/edit.png'></td>
    <td align="center" width="200px"><a
href="?halaman=mahasiswa&detail=viewmahasiswa"><img
src='images/view.png'></td>
  </tr>
  <tr>
    <td align="center"><a
href='?halaman=mahasiswa&detail=inputmahasiswa'
class='menu_atas'>Input Mahasiswa</a></td>
    <td align="center"><a
href='?halaman=mahasiswa&detail=editmahasiswa'
class='menu_atas'>Edit Mahasiswa</a></td>
    <td align="center"><a
href='?halaman=mahasiswa&detail=viewmahasiswa'
class='menu_atas'>View Mahasiswa</a></td>
  </tr>
</tr>

```

```

        <td colspan='3' class='isidata'
align="center">
            <?
                $detail = $_GET['detail'];
                if($detail=='inputmahasiswa')
                {
                    include 'input_mahasiswa.php';
                }
                if($detail=='editmahasiswa')
                {
                    include 'editmahasiswa1.php';
                }
                if($detail=='viewmahasiswa')
                {
                    include 'viewmahasiswa.php';
                }
            ?>
        </td>
    </tr>
</table>
</body>
</html>

```

7. Halaman beranda kriteria

```

<?
ob_start();
?>
<html>
<style>
.isidata { font-size:12px;; }
.isidata table { font-size:12px;; }
</style>
<body>
<table>
    <tr>
        <td colspan="3" align="center">Bobot
Kriteria</td>
    </tr>
    <tr>
        <td align="center" width="300px"><a
href="?halaman=bobotkriteria&detail=inputbobotkriteria"><
img src='images/input.png'></td>
        <td align="center" width="300px"><a
href="?halaman=bobotkriteria&detail=viewkriteria"><img
src='images/view.png'></td>
    </tr>
    <tr>
        <td align="center"><a
href="?halaman=bobotkriteria&detail=inputbobotkriteria"
class='menu_atas'>Input Bobot Kriteria</td>
        <td align="center"><a
href="?halaman=bobotkriteria&detail=viewkriteria"
class='menu_atas'>View Bobot Kriteria</td>

```

```

        </tr>
        <tr>
            <td colspan='3' class='isidata'
align="center">
                <?
                    $detail = $_GET['detail'];
                    if($detail=='inputbobotkriteria')
                    {
                        include
'input_bobot_kriteria.php';
                    }
                    if($detail=='viewkriteria')
                    {
                        include 'viewkriteria.php';
                    }
                ?>
            </td>
        </tr>
    </table>
</body>
</html>

```

8. Halaman input mahasiswa

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>
<?
    include ("conection.php");
    if (isset ($_POST['simpan'])) {
        $id = $_POST['id'];
        $nama = $_POST['nama'];
        $tanggal = $_POST['tanggal'];
        $bulan = $_POST['bulan'];
        $tahun = $_POST['tahun'];
        $pria = $_POST['pria'];
        $wanita = $_POST['wanita'];
        $prodi = $_POST['prodi'];
        $alamat = $_POST['alamat'];
        $ipk = $_POST['ipk'];
        $gaji = $_POST['gaji'];
        $beban = $_POST['beban'];
        $smt = $_POST['semester'];

        $q = "INSERT INTO mahasiswa
VALUES('".$id."', '".$nama."', '".$tahun.'"-"."$bulan.'"-"."$tanggal."', '".$pria.'"."$wanita."',

```



```

'".$prodi."'.'"$salamat."'.'"$ipk."'.'"$gaji."'.'"$
beban."'.'"$smt."'");
    $r = mysql_query($q) or die
(mysql_error());
    if($r) {
        $msg = "Data sudah ditambahkan";
    }
    else {
        $msg = "Data tidak bisa dimasukkan";
    }
}
?>
<h3>INPUT DATA MAHASISWA</h3>
<br />
<form action='<? echo $PHP_SELF;?>' method="POST"
name="form1" >
Identitas Pribadi :<br/>
<table width="650" cellpadding="10">
<tr>
    <td width="141">Id</td>
    <td width="5">:</td>
    <td width="434"><input name="id" type="text"
size="50" maxlength="50">
    </td>
</tr>
<tr>
    <td width="141">Nama</td>
    <td width="5">:</td>
    <td><input name="nama" type="text" size="50"
maxlength="50">
    </td>
</tr>
<tr>
    <td>Tanggal lahir</td>
    <td>:</td>
    <td><select name="tanggal" >
        <option>tanggal</option>
        <? for ($a=1; $a<=31; $a++){
            echo "<option value='$a'>$a</option>";
        }
        ?>
    </select>
    <select name="bulan" size="1" >
    <option>bulan</option>
    <?
        $bulan =
array(1=>'januari','Pebruari','Maret','April','Mei','J
uni','Juli','Agustus',
        'September','Oktober','November','Desember');
        for ($bln=1; $bln<=12; $bln++){
            echo "<option
value='$bln'>".$bulan[$bln]."</option>";
        }
    ?>

```

```

        </select>
        <select name="tahun">
        <option>tahun</option>
        <? for ($b=1980; $b<=2008; $b++){
            echo "<option value='$b'>$b</option>";
        }
        ?>
        </select></td>
</tr>
<tr>
    <td>Jenis Kelamin</td>
    <td>:</td>
    <td><input name="pria" type="radio" value="pria"
/> Pria <input name="wanita" type="radio"
value="wanita" /> Wanita</td>
</tr>
<tr>
    <td>Program studi</td>
    <td>:</td>
    <td><input name="prodi" type="text" value=""
/></td>
</tr>
<tr>
    <td width="141">Alamat</td>
    <td width="5">:</td>
    <td><input name="alamat" type="text" size="50"
maxlength="50" /></td>
</tr>
<tr>
    <td>Data Kriteria Penentu</td>
    <td>:</td>
    <td></td>
</tr>
<tr>
    <td>IPK</td>
    <td>:</td>
    <td><input name="ipk" type="text"/></td>
</tr>
<tr>
    <td>Penghasilan Orang Tua</td>
    <td>:</td>
    <td><input name="gaji" type="text" /></td>
</tr>
<tr>
    <td>Tanggungans Orang Tua</td>
    <td>:</td>
    <td><input name="beban" type="text" /></td>
</tr>
<tr>
    <td>Jumlah semester</td>
    <td>:</td>
    <td><input name="semester" type="text" /></td>
</tr>
<tr>
    <td></td>

```



```

                <td align='center'><a
href='editmahasiswa2.php?id=".$data[0]."'> Edit
</a></td>";
                echo "</tr>";
                $i++;
            };
            ?>
        </table>

    </body>
</html>

```

10. Halaman edit mahasiswa (2)

```

<?
ob_start();
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>
<?
    include ("conection.php");
    /*
        mengambil data pegawai yang akan diedit
    */
    $q = "SELECT * FROM mahasiswa WHERE id_mahasiswa=
'".$_GET['id']."'";
    $r = mysql_query($q) or die ($q);
    $d = mysql_fetch_array ($r);

    /*
        proses penyimpanan update
    */
    if (isset ($_POST['simpan'])) {
        $id = $_POST['id'];
        $nama = $_POST['nama'];
        $tanggal = $_POST['tanggal'];
        $bulan = $_POST['bulan'];
        $tahun = $_POST['tahun'];
        $pria = $_POST['pria'];
        $wanita = $_POST['wanita'];
        $prodi = $_POST['prodi'];
        $alamat = $_POST['alamat'];
        $ipk = $_POST['ipk'];
        $gaji = $_POST['gaji'];
        $beban = $_POST['beban'];
        $smt = $_POST['semester'];
    }

```

```

        $q = "UPDATE mahasiswa SET id_mahasiswa =
        ' ".$id."', nama_mahasiswa = ' ".$nama."', tanggal_lahir
        = ' ".$tahun."-".$bulan."-".$tanggal."', jenis_kelamin =
        ' ".$pria." ".$wanita."', prodi = ' ".$prodi."', alamat =
        ' ".$alamat."', ipk = ' ".$ipk."', penghasilan =
        ' ".$gaji."', tanggungan = ' ".$beban."', semester =
        ' ".$smt.'" WHERE id_mahasiswa = ' ".$_GET['id'].'"";
        $r = mysql_query($q) or die
(mysql_error());
        if($r) {
            // untuk kembali ke halaman
tampil.php
            header
("location:editmahasiswa.php");
        }
    else {
        $msg = "Data tidak bisa diedit";
    }
}
?>
<form action="<?=$PHP_SELF;?>?id=<?=$_GET['id'];?>"
method="POST">
<fieldset>
<legend> Form Ubah Pegawai </legend>
    <table width="650" cellpadding="10">
        <?
            if ($msg!='') {
                echo "
                <tr>
                    <td> </td>
                    <td> </td>
                    <td> $msg </td>
                </tr>";
            }
        ?>
        <tr>
            <td width="100" >Id</td>
            <td width="5" >:</td>
            <td colspan="3" ><input name="id" type="text"
size="50" maxlength="50" value='<?=$d[0];?>'>
            </td>
        </tr>
        <tr>
            <td width="100">Nama</td>
            <td width="5">:</td>
            <td><input name="nama" type="text" size="50"
maxlength="50" value='<?=$d[1];?>'>
            </td>
        </tr>
        <tr>
            <td>Tanggal lahir</td>
            <td>:</td>
            <td><select name="tanggal" value='<?=$d[2];?>' >
                <option>tanggal</option>

```

```

        <? for ($a=1; $a<=31; $a++){
            echo "<option value='$a'>$a</option>";
        }
        ?>
    </select>
    <select name="bulan" size="1" >
    <option>bulan</option>
    <?
        $bulan =

array(1=>'januari', 'Pebruari', 'Maret', 'April', 'Mei', 'Ju
ni', 'Juli', 'Agustus',
        'September', 'Oktober', 'November', 'Desember');
        for ($bln=1; $bln<=12; $bln++){
            echo "<option
value='$bln'>".$bulan[$bln]."</option>";
        }
        ?>

    </select>
    <select name="tahun">
    <option>tahun</option>
    <? for ($b=1950; $b<=2008; $b++){
        echo "<option value='$b'>$b</option>";
    }
    ?>
    </select></td>
</tr>
<tr>
    <td>Jenis Kelamin</td>
    <td>:</td>
    <td><input name="pria" type="radio"
value="'<?=$d[3];?>'" />
        Pria <input name="wanita" type="radio"
value="'<?=$d[3];?>'" />
        Wanita</td>
</tr>
<tr>
    <td>Program studi</td>
    <td>:</td>
    <td><input name="prodi" type="text"
value='<?=$d[4];?>' /></td>
</tr>
<tr>
    <td width="100">Alamat</td>
    <td width="5">:</td>
    <td><input name="alamat" type="text" size="50"
maxlength="50" value='<?=$d[5];?>' /></td>
</tr>
<tr>
    <td>Data Kriteria Penentu</td>
    <td>:</td>
    <td></td>
</tr>
<tr>
    <td>IPK</td>

```

```

        <td>:</td>
        <td><input name="ipk" type="text"
value='<?=$d[6];?>' /></td>
</tr>
<tr>
        <td>Penghasilan Orang Tua</td>
        <td>:</td>
        <td><input name="gaji" type="text"
value='<?=$d[7];?>' /></td>
</tr>
<tr>
        <td>Tanggungans Orang Tua</td>
        <td>:</td>
        <td><input name="beban" type="text"
value='<?=$d[8];?>' /></td>
</tr>
<tr>
        <td>Jumlah semester</td>
        <td>:</td>
        <td><input name="semester" type="text"
value='<?=$d[9];?>' /></td>
</tr>
<tr>
        <td></td>
        <td></td>
        <td><input name="simpan" type='Submit'
value="simpan" size="10" /></td>
</tr>
</table>
</form>
</fieldset>
</body>
</html>

```

11. Halaman view mahasiswa

```

<?
ob_start();
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>
<?
// untuk memanggil file koneksi
include "conection1.php";
// query untuk menampilkan data pegawai
$sql = "SELECT * FROM mahasiswa";

```

```

        // eksekusi query
        $res = mysql_query($sql,$conn) or die
(mysql_error());
?>
<table border="1" width="800" cellpadding="3"
cellspacing="0" style="border-collapse:collapse">
    <tr align='center'>
        <th>Id</th>
        <th>Nama</th>
        <th>Tanggal lahir</th>
        <th>Jenis kelamin</th>
        <th>Progam studi</th>
        <th>Alamat</th>
        <th>IPK</th>
        <th>Penghasilan Orang Tua</th>
        <th>Tanggungans Orang Tua</th>
        <th>Jumlah Semester</th>
    </tr>
<?
    $i = 1;
    while ($data = mysql_fetch_array($res)) {
        if($i%2==0) $bg = '#aaaaaa'; else $bg =
'#FFFFFF';
        echo
            "<tr bgcolor = '". $bg. "'>
                <td>". $data[0]. "</td>
                <td>". $data[1]. "</td>
                <td>". $data[2]. "</td>
                <td>". $data[3]. "</td>
                <td>". $data[4]. "</td>
                <td>". $data[5]. "</td>
                <td>". $data[6]. "</td>
                <td>". $data[7]. "</td>
                <td>". $data[8]. "</td>
                <td>". $data[9]. "</td>
            </tr>";
        $i++;
    }
?>
</tr>
</table>
</body>
</html>

```

12. Halaman input kriteria

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>

```



```

<style type="text/css">
<!--
.style2 {font-size: 16px}
.style3 {font-size: 18px}
-->
</style>
</head>

<body>
<?
include ("conection.php");
if (isset ($_POST['simpan'])) {
    $a = $_POST['a'];
    $b = $_POST['b'];
    $c = $_POST['c'];
    $d = $_POST['d'];
    $e = $_POST['e'];
    $f = $_POST['f'];
    $g = $_POST['g'];
    $h = $_POST['h'];
    $i = $_POST['i'];
    $j = $_POST['j'];
    $k = $_POST['k'];
    $l = $_POST['l'];

    $aa=1;
    $ab=$a/$b;
    $ac=$c/$d;
    $ad=$e/$f;
    $ba=$b/$a;
    $bb=1;
    $bc=$g/$h;
    $bd=$i/$j;
    $ca=$d/$c;
    $cb=$h/$g;
    $cc=1;
    $cd=$k/$l;
    $da= $f/$e;
    $db=$j/$i;
    $dc=$l/$k;
    $dd=1;

    mysql_query("truncate table
perbandingan_kriteria");
    $q = " INSERT INTO perbandingan_kriteria
(Goal, IPK, Penghasilan, Tanggungan, Semester)
VALUES ('IPK', '". $aa."', '". $ab."',
'". $ac."', '". $ad."'), ('Penghasilan', '". $ba."',
'". $bb."', '". $bc."', '". $bd."'), ('Tanggungan',
'". $ca."', '". $cb."', '". $cc."',
'". $cd."'), ('Semester', '". $da."', '". $db."',
'". $dc."', '". $dd."')";
    $r = mysql_query($q) or die
(mysql_error());
    if($r) {
        echo "Data sudah ditambahkan";
    }
}

```

```

else {
    echo "Data tidak bisa dimasukkan";
}

}else{
?>
<h3>INPUT BOBOT KRITERIA</h3>
<div align="left"><br />
<span class="style3">ATURAN DALAM PEMBERIAN BOBOT
:</span><br />
    <ol type="a">
        <li class="style3"> Pembobotan diberikan
berdasarkan kualitas kepentingan oleh pihak yang
berwenang.</li>
        <li class="style3"> Kriteria yang lebih
dipentingkan diberikan bobot yang lebih besar
dibandingkan dengan kriteria yang kurang
dipentingkan.</li>
        <li class="style3">Misalkan x dan y adalah
tujuan. Tingkat kepentingan relatif tujuan-tujuan ini
dapat dinilai dalam 9 point, seperti dalam tabel
dibawah ini :</li>
        <br/>
        <table width="56%" border="1">
            <tr>
                <td width="21%"><div align="center"
class="style2"><strong>Nilai</strong></div></td>
                <td width="79%"><div align="center"
class="style2"><strong>Interpretasi</strong></div></td>
            </tr>
            <tr>
                <td><div align="center" class="style2">1</div></td>
                <td><span class="style2">x dan y sama
penting</span></td>
            </tr>
            <tr>
                <td><div align="center" class="style2">3</div></td>
                <td><span class="style2">x sedikit lebih penting
daripada y</span></td>
            </tr>
            <tr>
                <td><div align="center" class="style2">5</div></td>
                <td><span class="style2">x kuat tingkat
kepentingannya daripada y</span></td>
            </tr>
            <tr>
                <td><div align="center" class="style2">7</div></td>
                <td><span class="style2">x sangat kuat
kepentingannya dari pada y</span></td>
            </tr>
            <tr>
                <td><div align="center" class="style2">9</div></td>
                <td><span class="style2">x mutlak lebih penting
dari pada y</span></td>
            </tr>
            <tr>

```

```

        <td><div align="center" class="style2">2, 4, 6,
8</div></td>
        <td><span class="style2">nilai - nilai
intermediate</span></td>
    </tr>
</table>
    <span class="style2">Contoh, angka 8 menunjukkan bahwa
x delapan kali lebih penting dari pada y, atau x
terletak antara sangat kuat dan mutlak lebih penting
dari pada y.
    <br />
    </span>
    <li class="style2"> Pembobotan yang tidak konsisten
tidak akan diteruskan untuk proses selanjutnya.</li>
    </ol>
</div>
<ol type="a">
</ol>

<form action='<? echo $PHP_SELF;?>' method="POST"
name="form1" >
<table width="740" cellpadding="10" border="1">
<tr>
    <td width="556"><div align="center"
class="style2">Perbandingan Kriteria</div></td>
        <td width="132" colspan="3"><div align="center"
class="style2">Perbandingan Bobot</div></td>
    </tr>
</tr>
    <td ><span class="style2">IPK : Penghasilan Orang
Tua</span></td>
        <td><select name="a" >
            <option></option>
            <? for ($a=1; $a<=9; $a++){
                echo "<option value='$a'>$a</option>";
            }
            ?>
        </td>
        <td>:</td>
        <td><select name="b" >
            <option></option>
            <? for ($a=1; $a<=9; $a++){
                echo "<option value='$a'>$a</option>";
            }
            ?>
        </td>
    </tr>
</tr>
    <td ><span class="style2">IPK : Jumlah Tanggungan
Orang Tua</span></td>
        <td><select name="c" >
            <option></option>
            <? for ($a=1; $a<=9; $a++){
                echo "<option value='$a'>$a</option>";
            }
            ?>
        </td>
    </tr>

```

```

</td>
<td>:</td>
<td><select name="d" >
  <option></option>
  <? for ($a=1; $a<=9; $a++){
    echo "<option value='$a'>$a</option>";
  }
  ?>
</td>
</tr>
<tr>
  <td ><span class="style2">IPK : Jumlah
Semester</span></td>
  <td><select name="e" >
    <option></option>
    <? for ($a=1; $a<=9; $a++){
      echo "<option value='$a'>$a</option>";
    }
    ?>
</td>
<td>:</td>
<td><select name="f" >
  <option></option>
  <? for ($a=1; $a<=9; $a++){
    echo "<option value='$a'>$a</option>";
  }
  ?>
</td>
<tr>
  <td ><span class="style2">Penghasilan Orang Tua :
Jumlah Tanggungan orang Tua</span></td>
  <td><select name="g" >
    <option></option>
    <? for ($a=1; $a<=9; $a++){
      echo "<option value='$a'>$a</option>";
    }
    ?>
</td>
<td>:</td>
<td><select name="h" >
  <option></option>
  <? for ($a=1; $a<=9; $a++){
    echo "<option value='$a'>$a</option>";
  }
  ?>
</td>
</tr>
<tr>
  <td ><span class="style2">Penghasilan Orang Tua :
Semester</span></td>
  <td><select name="i" >
    <option></option>
    <? for ($a=1; $a<=9; $a++){
      echo "<option value='$a'>$a</option>";
    }
    ?>

```

```

        </td>
        <td>:</td>
        <td><select name="j" >
            <option></option>
            <? for ($a=1; $a<=9; $a++){
                echo "<option value='$a'>$a</option>";
            }
            ?>
        </td>
    </tr>
    <tr>
        <td ><span class="style2">Jumlah Tanggungan Orang
Tua : Semester</span></td>
        <td><select name="k" >
            <option></option>
            <? for ($a=1; $a<=9; $a++){
                echo "<option value='$a'>$a</option>";
            }
            ?>
        </td>
        <td>:</td>
        <td><select name="l" >
            <option></option>
            <? for ($a=1; $a<=9; $a++){
                echo "<option value='$a'>$a</option>";
            }
            ?>
        </td>
    </tr>
    <tr>
        <td width="556"></td>
        <td width="132" colspan="3"><input name="simpan"
type='Submit' value="simpan" size="10"/></td>
    </tr>
</table>
</form>
<?
};
?>
</body>
</html>

```

13. Halaman view kriteria

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>

```

```

<?
    // untuk memanggil file koneksi
    include "conection1.php";
    // query untuk menampilkan data pegawai
    $sql = "SELECT * FROM bobot_kriteria";
    // eksekusi query
    $res = mysql_query($sql,$conn) or die
(mysql_error());
?>
<h3>VIEW BOBOT KRITERIA</h3>
<br />
<table border='1' width='50%' cellpadding='3'
cellspacing='0' style='border-collapse:collapse'>
    <tr align='center' >
        <th>Nama Kriteria</th>
        <th>Bobot</th>

    </tr>

<?
    $i = 1;
    while ($data = mysql_fetch_array($res)) {
        if($i%2==0) $bg = '#aaaaaa'; else $bg =
'#FFFFFF';
        echo
            "<tr bgcolor = '". $bg. "'>
                <td>". $data[1]. "</td>
                <td>". $data[2]. "</td>
            </tr>";
        $i++;
    }
?>
</table>
</body>
</html>

```

14. Halaman proses ahp

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
<html>
<head>
    <title>DHTML Tab script</title>
    <style type="text/css">
    body{
        margin:10px;
        font-size:0.9em;
    }
    a{
        color:#F00;
    }
    .clear{
        clear:both;
    }
    </style>
    <link rel="stylesheet" href="css/tab-view.css"
type="text/css" media="screen">

```

```

<script type="text/javascript" src="js/tab-
view.js">
/*
(C) www.dhtmlgoodies.com, October 2005

This is a script from www.dhtmlgoodies.com. You
will find this and a lot of other scripts at our
website.

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permission.

Updated:

March, 14th, 2006 - Create new tabs
dynamically

Thank you!

www.dhtmlgoodies.com
Alf Magne Kalleland

*****
*****
****/
</script>
</head>
<body>
<div id="dhtmlgoodies_tabView1">
  <div class="dhtmlgoodies_aTab">
    <?

$conn= mysql_connect("localhost","root","");
$db = mysql_select_db("beasiswa",$conn);

$q = "Select * from perbandingan_kriteria";
$r = mysql_query($q,$conn) or die(mysql_error());

echo "<h3>Membentuk matrik berpasangan</h3>";
echo "<table border='1'>";
echo "<tr>
      <th>Goal</th>
      <th>IPK</th>
      <th>Penghasilan</th>
      <th>tanggung</th>
      <th>Semester</th>
    </tr>";

while($data = mysql_fetch_array($r)) {
  $goal[]= $data[0];
  $ipk[]= $data[1];
  $gaji[]= $data[2];
  $beban[]= $data[3];
}

```

```

$smt[] = $data[4];
echo "<tr>
    <th>$data[0]</th>
    <th>$data[1]</th>
    <th>$data[2]</th>
    <th>$data[3]</th>
    <th>$data[4]</th>

    </tr>";

$jipk += $data[1];
$jgaji += $data[2];
$jbeban += $data[3];
$j_smt += $data[4];
}
echo "<tr>
    <th>Jumlah</th>
    <th>$jipk</th>
    <th>$jgaji</th>
    <th>$jbeban</th>
    <th>$j_smt</th>

    </tr>";

echo "</table>";
echo "<br />";
echo "<br />";
    ?>
    <br><br>

</div>
<div class="dhtmlgoodies_aTab">
    <?
    echo "<h3>Membentuk Matrik Berpasangan
Berbobot<h3>";
echo "<table border='1'>";
echo "<tr>
    <th>Goal</th>
    <th>IPK</th>
    <th>Penghasilan</th>
    <th>tanggungan</th>
    <th>Semester</th>

    </tr>";
foreach($goal as $key => $val){
    $bipk = $ipk[$key] / $jipk;
    $bgaji = $gaji[$key] / $jgaji;
    $bbeban = $beban[$key] / $jbeban;
    $bsmt = $smt[$key] / $j_smt;
    echo "<tr>
        <th>$val</th>
        <th>$bipk</th>
        <th>$bgaji</th>
        <th>$bbeban</th>
        <th>$bsmt</th>

        </tr>";
}

```



```

echo "</table>";
echo "<br />";
echo "<br />";

        ?>    <br>

    </div>

<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Menghitung Bobot Prioritas<h3>";
echo "<table border='1'>";
echo "<tr>
        <th>Goal</th>
        <th>bobot prioritas</th>
    </tr>";
foreach($goal as $key => $val){
$bipk=$ipk[$key]/$jipk;
$bgaji=$gaji[$key]/$jgaji;
$bbeban=$beban[$key]/$jbeban;
$bsmt=$smt[$key]/$jsmt;
$s=$bipk+$bgaji+$bbeban+$bsmt;
$p= $s/4;
echo "<tr>
        <th>$val</th>
        <th>$p</th>
    </tr>";
}
echo "</table>";
echo "<br />";
echo "<br />";

        ?>

    </div>

<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Menghitung Konsistensi logis<h3>";

$Ap= array();
$a=0;
foreach($goal as $key => $val){
$bipk=$ipk[$key]/$jipk;
$bgaji=$gaji[$key]/$jgaji;
$bbeban=$beban[$key]/$jbeban;
$bsmt=$smt[$key]/$jsmt;
$s=$bipk+$bgaji+$bbeban+$bsmt;
$p=$s/4;
$Ap[$a]=$p;
$a++;
$a0= round($ipk[0]*$Ap[0],2);
$a1= round($ipk[1]*$Ap[0],2);
$a2= round($ipk[2]*$Ap[0],2);
$a3= round($ipk[3]*$Ap[0],2);

$b0= round($gaji[0]*$Ap[1],2);

```

```

$b1= round($gaji[1]*$Ap[1],2);
$b2= round($gaji[2]*$Ap[1],2);
$b3= round($gaji[3]*$Ap[1],2);

$c0= round($beban[0]*$Ap[2],2);
$c1= round($beban[1]*$Ap[2],2);
$c2= round($beban[2]*$Ap[2],2);
$c3= round($beban[3]*$Ap[2],2);

$d0= round($smt[0]*$Ap[3],2);
$d1= round($smt[1]*$Ap[3],2);
$d2= round($smt[2]*$Ap[3],2);
$d3= round($smt[3]*$Ap[3],2);

$aw0= $a0+$b0+$c0+$d0;
$aw1= $a1+$b1+$c1+$d1;
$aw2= $a2+$b2+$c2+$d2;
$aw3= $a3+$b3+$c3+$d3;
};

$t0 =$aw0/$Ap[0];
$t1 =$aw1/$Ap[1];
$t2 =$aw2/$Ap[2];
$t3 =$aw3/$Ap[3];
$jumlaht=$t0+$t1+$t2+$t3;
$Lmaks=(1/4)*$jumlaht;
$CL= ($Lmaks-4)/(4-1);
$CR =$CL/0.9;

echo "<table border='1'>";
echo "<tr>
      <th colspan='4'>perkalian matriks</th>
      <th>A.W</th>
      <th>(A.W)/W</th>
    </tr>";
echo "<tr>
      <th>$a0</th>
      <th>$b0</th>
      <th>$c0</th>
      <th>$d0</th>
      <th>$aw0</th>
      <th>$t0</th>
    </tr>";
echo "<tr>
      <th>$a0</th>
      <th>$b0</th>
      <th>$c0</th>
      <th>$d0</th>
      <th>$aw0</th>
      <th>$t0</th>
    </tr>";
echo "<tr>
      <th>$a1</th>
      <th>$b1</th>
      <th>$c1</th>
      <th>$d1</th>

```

```

        <th>$aw1</th>
        <th>$t1</th>
</tr>";
echo "<tr>
        <th>$a2</th>
        <th>$b2</th>
        <th>$c2</th>
        <th>$d2</th>
        <th>$aw2</th>
        <th>$t2</th>
</tr>";
echo "<tr>
        <th>$a3</th>
        <th>$b3</th>
        <th>$c3</th>
        <th>$d3</th>
        <th>$aw3</th>
        <th>$t3</th>
</tr>";
echo "<tr>

        <th colspan='5'>Jumlah (A.W)/W</th>
        <th>$juml</th>
</tr>";
echo "</table>";
echo "<br>";
echo "<br>";
echo "<br>";
echo "<table border='1'>";
echo "<tr>
        <th>Lamda Maks</th>
        <th>$Lmaks</th>
</tr>";
echo "<tr>
        <th>CL</th>
        <th>$CL</th>
</tr>";

echo "<tr>
        <th>CR</th>
        <th>$CR</th>
</tr>";

echo "</table>";
echo "<br />";
if ($CR<= 0.1){
mysql_query("truncate table bobot_kriteria");
$q = " INSERT INTO bobot_kriteria (id_kriteria,
nama_kriteria, bobot) VALUES(201, 'ipk',
'".$Ap[0]."',(202, 'penghasilan',
'".$Ap[1]."',(203, 'tanggungan',
'".$Ap[2]."',(204, 'semester', '".$Ap[3]."'";
$r = mysql_query($q) or die (mysql_error());
echo "pembobotan dinyatakan konsisten, sehingga data
secara otomatis telah disimpan dalam database, untuk
digunakan pada proses selanjutnya";

```

```

}else{
echo " maaf nilai CR melebihi 0.1 sehingga pembobotan
kriteria dinyatakan tidak konsisten, proses tidak dapat
dilanjutkan silahkan melakukan pembobotan ulang";
};
?>
</div>
</div>
<script type="text/javascript">
initTabs('dhtmlgoodies_tabView1',Array('Step1','Step2',
'Step3','Step4'),0,800,600);
</script>

</body>
</html>

```

15. Halaman proses topsis

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>
<title>DHTML Tab script</title>
<style type="text/css">
body{
margin:10px;
font-size:0.3em;
}
a{
color:#F00;
}
.clear{
clear:both;
}
</style>
<link rel="stylesheet" href="css/tab-view.css"
type="text/css" media="screen">
<script type="text/javascript" src="js/tab-
view.js">
/*
(C) www.dhtmlgoodies.com, October 2005

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```

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Updated:

March, 14th, 2006 - Create new tabs dynamically

Thank you!

www.dhtmlgoodies.com
Alf Magne Kalleland

```
*****
*****
****/
</script>
</head>

<body>
<div id="dhtmlgoodies_tabView1">
  <div class="dhtmlgoodies_aTab">
<?

include "conection1.php";

$q      = "Select * from mahasiswa";
$r      = mysql_query($q,$conn) or die(mysql_error());

echo "<h3>Representasi Data Mahasiswa<h3>";
echo "<br />";
echo "<table border='1'>";
echo "<tr>
      <th>Id</th>
      <th>Nama</th>
      <th>IPK</th>
      <th>Penghasilan Orang Tua</th>
      <th>Tanggungan Orang Tua</th>
      <th>Jumlah Semester</th>
    </tr>";

while($data = mysql_fetch_array($r)) {
$nim[] = $data[0];
$nama[] = $data[1];
$ipk[] = $data[6];
$gaji[] = $data[7];
$beban[] = $data[8];
$smt[] = $data[9];
echo "<tr>
      <th>$data[0]</th>
      <th>$data[1]</th>
      <th>$data[6]</th>
      <th>$data[7]</th>
      <th>$data[8]</th>
```

```

        <th>${data[9]}</th>
    </tr>";
};
echo "</table>";
echo "<br />";
echo "<br />";
?>
</div>
<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Representasi Data Mahasiswa setelah
dikonversi<h3>";
echo "<br />";
echo "<table border='1'>";
echo "<tr>
        <th>Id</th>
        <th>Nama</th>
        <th>IPK</th>
        <th>Penghasilan Orang Tua</th>
        <th>Tanggungans Orang Tua</th>
        <th>Jumlah Semester</th>
    </tr>";
foreach($nim as $key => $val) {
if($ipk[$key]>=3.5) {
$ipk1=4;
}elseif($ipk[$key]>=3.25) {
$ipk1=3;
}elseif($ipk[$key]>=3) {
$ipk1=2.5;
}elseif($ipk[$key]>=2.5) {
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>=5000000) {
$gajih=1;
}elseif($gaji[$key]>=3000000) {
$gajih=2;
}elseif($gaji[$key]>=2000000) {
$gajih=2.5;
}elseif($gaji[$key]>=1000000) {
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5) {
$beban1=4;
}elseif($beban[$key]>=4) {
$beban1=3;
}elseif($beban[$key]>=2) {
$beban1=2;
}else{
$beban1=1;
};
if($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if($smt[$key]==3 or $smt[$key]==4) $smtr=2;

```

```

if($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if($smt[$key]==7) $smtr=4;

echo "<tr>
        <th>$nim[$key]</th>
        <th>$nama[$key]</th>
        <th>$ipk1</th>
        <th>$gajih</th>
        <th>$beban1</th>
        <th>$smtr</th>
    </tr>";
};
echo "</table>";
echo "<br />";
echo "<br />";
?>
</div>
<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Membuat Matrik ternormalisasi
(langkah1)<h3>";
echo "<br />";
echo "<table border='1'>";
echo "<tr>
        <th>Id</th>
        <th>Nama</th>
        <th>IPK</th>
        <th>Penghasilan Orang Tua</th>
        <th>Tanggungans Orang Tua</th>
        <th>Jumlah Semester</th>
    </tr>";
foreach($nim as $key => $val){
if($ipk[$key]>=3.5){
$ipk1=4;
}elseif($ipk[$key]>=3.25){
$ipk1=3;
}elseif($ipk[$key]>=3){
$ipk1=2.5;
}elseif($ipk[$key]>=2.5){
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>5000000){
$gajih=1;
}elseif($gaji[$key]>=3000000){
$gajih=2;
}elseif($gaji[$key]>=2000000){
$gajih=2.5;
}elseif($gaji[$key]>=1000000){
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5){
$beban1=4;

```

```

}elseif($beban[$key]>=4){
$beban1=3;
}elseif($beban[$key]>=2){
$beban1=2;
}else{
$beban1=1;
};
if($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if($smt[$key]==3 or $smt[$key]==4) $smtr=2;
if($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if($smt[$key]==7) $smtr=4;

$kipk= pow($ipk1,2);
$kgaji= pow($gajih,2);
$kbegan= pow($beban1,2);
$ksmt= pow($smtr,2);

$jipk+= pow($ipk1,2);
$jgaji+= pow($gajih,2);
$jbeban+= pow($beban1,2);
$jsmt+= pow($smtr,2);

$akripk = sqrt($jipk);
$akrgaji = sqrt($jgaji);
$akrbegan = sqrt($jbeban);
$akrsmt = sqrt($jsmt);
echo "<tr>
    <th>$nim[$key]</th>
    <th>$nama[$key]</th>
    <th>$kipk</th>
    <th>$kgaji</th>
    <th>$kbegan</th>
    <th>$ksmt</th>
</tr>";
};

echo "<tr>
    <th colspan='2'>Jumlah</th>
    <th>$jipk</th>
    <th>$jgaji</th>
    <th>$jbeban</th>
    <th>$jsmt</th>
</tr>";
echo "<tr>
    <th colspan='2'>Akar</th>
    <th>$akripk</th>
    <th>$akrgaji</th>
    <th>$akrbegan</th>
    <th>$akrsmt</th>
</tr>";
echo "</table>";
echo "<br />";
echo "<br />";
?>
</div>
<div class="dhtmlgoodies aTab">

```



```

<?
echo "<h3>Membuat Matrik ternormalisasi
(langkah2)<h3>";
echo "<br />";
echo "<table border='1'>";
echo "<tr>
        <th>Id</th>
        <th>Nama</th>
        <th>IPK</th>
        <th>Penghasilan Orang Tua</th>
        <th>Tanggungans Orang Tua</th>
        <th>Jumlah Semester</th>
    </tr>";
foreach($nim as $key => $val){
if($ipk[$key]>=3.5){
$ipk1=4;
}elseif($ipk[$key]>=3.25){
$ipk1=3;
}elseif($ipk[$key]>=3){
$ipk1=2.5;
}elseif($ipk[$key]>=2.5){
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>5000000){
$gajih=1;
}elseif($gaji[$key]>=3000000){
$gajih=2;
}elseif($gaji[$key]>=2000000){
$gajih=2.5;
}elseif($gaji[$key]>=1000000){
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5){
$beban1=4;
}elseif($beban[$key]>=4){
$beban1=3;
}elseif($beban[$key]>=2){
$beban1=2;
}else{
$beban1=1;
};
if($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if($smt[$key]==3 or $smt[$key]==4) $smtr=2;
if($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if($smt[$key]==7) $smtr=4;

$kipk= pow($ipk1,2);
$kgaji= pow($gajih,2);
$kbegan= pow($beban1,2);
$ksmt= pow($smtr,2);

$ripk= $kipk/$akripk;

```

```

$rgaji= $kgaji/$akrgaji;
$rbaban= $kbeban/$akrbaban;
$rsmt= $ksmt/$akrsmt;

echo "<tr>
        <th>$nim[$key]</th>
        <th>$nama[$key]</th>
        <th>$ripk</th>
        <th>$rgaji</th>
        <th>$rbaban</th>
        <th>$rsmt</th>
    </tr>";
};

echo "</table>";
echo "<br />";
echo "<br />";
?>
</div>

<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Pembobotan pada Matrik ternormalisasi
(langkah2)</h3>";
echo "<br />";
echo "<table border='1'>";
echo "<tr>
        <th>Id</th>
        <th>Nama</th>
        <th>IPK</th>
        <th>Penghasilan Orang Tua</th>
        <th>Tanggungannya Orang Tua</th>
        <th>Jumlah Semester</th>
    </tr>";

$Aipk = array();
$Agaji= array();
$Ababan = array();
$Asmt = array();
$a=0;

$x= @mysql_query("SELECT * FROM bobot_kriteria",$conn)
or die (mysql_error());
$w1= mysql_result($x,0,2);
$w2= mysql_result($x,1,2);
$w3= mysql_result($x,2,2);
$w4= mysql_result($x,3,2);

foreach($nim as $key => $val){
if($ipk[$key]>=3.5){
$ipk1=4;
}elseif($ipk[$key]>=3.25){
$ipk1=3;
}elseif($ipk[$key]>=3){
$ipk1=2.5;
}
}

```

```

}elseif($ipk[$key]>=2.5){
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>5000000){
$gajih=1;
}elseif($gaji[$key]>=3000000){
$gajih=2;
}elseif($gaji[$key]>=2000000){
$gajih=2.5;
}elseif($gaji[$key]>=1000000){
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5){
$beban1=4;
}elseif($beban[$key]>=4){
$beban1=3;
}elseif($beban[$key]>=2){
$beban1=2;
}else{
$beban1=1;
};
if($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if($smt[$key]==3 or $smt[$key]==4) $smtr=2;
if($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if($smt[$key]==7) $smtr=4;

$kipk= pow($ipk1,2);
$kgaji= pow($gajih,2);
$kbegan= pow($beban1,2);
$ksmt= pow($smtr,2);

$ripk= $kipk/$akripk;
$rgaji= $kgaji/$akrgaji;
$rbegan= $kbegan/$akrbegan;
$rsmt= $ksmt/$akrsmt;

$Vipk = $ripk*$w1;
$Vgaji= $rgaji*$w2;
$Vbeban = $rbegan*$w3;
$Vsmt = $rsmt*$w4;

$Aipk[$a]=$Vipk;
$Agaji[$a]=$Vgaji;
$Abegan[$a]=$Vbeban;
$Asmt[$a]=$Vsmt;
$a++;
echo "<tr>
<th>$nim[$key]</th>
<th>$nama[$key]</th>
<th>$Vipk;</th>
<th>$Vgaji</th>

```

```

                <th>$Vbeban</th>
                <th>$Vsmt</th>
            </tr>";
};

echo "</table>";
echo "<br />";
echo "<br />";

?>
</div>

<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Solusi ideal Positif<h3>";
echo "<br />";
echo "<table border='1'>";
$maxipk= max($Aipk);
$maxgaji= max($Agaji);
$maxbeban = max($Abeban);
$maxsmt= max($Asmt);
echo "<tr>
        <th>A*</th>
        <th>$maxipk</th>
        <th>$maxgaji</th>
        <th>$maxbeban</th>
        <th>$maxsmt</th>
    </tr>";

echo "</table>";
echo "<br />";
echo "<br />";
?>
</div>

<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Solusi ideal Negatif<h3>";
echo "<br />";
echo "<table border='1'>";
$minipk= min($Aipk);
$mingaji= min($Agaji);
$minbeban = min($Abeban);
$minsmt= min($Asmt);
echo "<tr>
        <th>A-</th>
        <th>$minipk</th>
        <th>$mingaji</th>
        <th>$minbeban</th>
        <th>$minsmt</th>
    </tr>";

echo "</table>";
echo "<br />";

```

```

echo "<br />";
?>
</div>

<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Menghitung Separation Measure Positif<h3>";
echo "<br />";
echo "<table border='1' height='300'>";
echo "<tr>
    <th class='style2'><h6>Id</h6></th>
    <th class='style2'><h6>Nama</h6></th>
    <th class='style2'><h6>IPK</h6></th>
    <th class='style2'><h6>Penghasilan Orang
Tua</h6></th>
    <th class='style2'><h6>Tanggungan Orang
Tua</h6></th>
    <th class='style2'><h6>Jumlah
Semester</h6></th>
    <th class='style2'><h6>jumlah</h6></th>
    <th class='style2'><h6>Akar</h6></th>
</tr>";
$x= @mysql_query("SELECT * FROM bobot_kriteria",$conn)
or die (mysql_error());
$w1= mysql_result($x,0,2);
$w2= mysql_result($x,1,2);
$w3= mysql_result($x,2,2);
$w4= mysql_result($x,3,2);

foreach($nim as $key => $val){
if($ipk[$key]>=3.5){
$ipk1=4;
}elseif($ipk[$key]>=3.25){
$ipk1=3;
}elseif($ipk[$key]>=3){
$ipk1=2.5;
}elseif($ipk[$key]>=2.5){
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>5000000){
$gajih=1;
}elseif($gaji[$key]>=3000000){
$gajih=2;
}elseif($gaji[$key]>=2000000){
$gajih=2.5;
}elseif($gaji[$key]>=1000000){
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5){
$beban1=4;
}elseif($beban[$key]>=4){
$beban1=3;
}
}
}

```

```

}elseif($beban[$key]>=2){
$beban1=2;
}else{
$beban1=1;
};
if($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if($smt[$key]==3 or $smt[$key]==4) $smtr=2;
if($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if($smt[$key]==7) $smtr=4;

$kipk= pow($ipk1,2);
$kgaji= pow($gajih,2);
$kbegan= pow($beban1,2);
$ksmt= pow($smtr,2);

$ripk= $kipk/$akripk;
$rgaji= $kgaji/$akrgaji;
$rbegan= $kbegan/$akrbegan;
$rsmt= $ksmt/$akrsmt;

$Vipk = $ripk*$w1;
$Vgaji= $rgaji*$w2;
$Vbeban = $rbegan*$w3;
$Vsmt = $rsmt*$w4;

$b_ipk=$Vipk-$maxipk;
$b_gaji=$Vgaji-$maxgaji;
$b_began=$Vbeban-$maxbeban;
$b_smt=$Vsmt-$maxsmt;

$kb_ipk=pow($b_ipk,2);
$kb_gaji=pow($b_gaji,2);
$kb_began=pow($b_began,2);
$kb_smt=pow($b_smt,2);

$jml1=$kb_ipk+$kb_gaji+$kb_began+$kb_smt;
$akar1= sqrt($jml1);

echo "<tr>
        <th class='style2'><h6>$nim[$key]</h6></th>
        <th
class='style2'><h6>$nama[$key]</h6></th>
        <th class='style2'><h6>$kb_ipk</h6></th>
        <th class='style2'><h6>$kb_gaji</h6></th>
        <th class='style2'><h6>$kb_began</h6></th>
        <th class='style2'><h6>$kb_smt</h6></th>
        <th class='style2'><h6>$jml1</h6></th>
        <th class='style2'><h6>$akar1</h6></th>
        </tr>";
};

echo "</table>";
echo "<br />";
echo "<br />";
?>

```

```
</div>

<div class="dhtmlgoodies_aTab">
<?
echo "<h3>Menghitung Separation Measure Negatif<h3>";
echo "<br />";
echo "<table border='1'>";
echo "<tr>
<th><h6>Id</h6></th>
<th><h6>Nama</h6></th>
<th><h6>IPK</h6></th>
<th><h6>Penghasilan Orang Tua</h6></th>
<th><h6>Tanggungan Orang Tua</h6></th>
<th><h6>Jumlah Semester</h6></th>
<th><h6>jumlah</h6></th>
<th><h6>Akar</h6></th>
</tr>";

$x= @mysql_query("SELECT * FROM bobot_kriteria",$conn)
or die (mysql_error());
$w1= mysql_result($x,0,2);
$w2= mysql_result($x,1,2);
$w3= mysql_result($x,2,2);
$w4= mysql_result($x,3,2);

foreach($nim as $key => $val){
if($ipk[$key]>=3.5){
$ipk1=4;
}elseif($ipk[$key]>=3.25){
$ipk1=3;
}elseif($ipk[$key]>=3){
$ipk1=2.5;
}elseif($ipk[$key]>=2.5){
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>5000000){
$gajih=1;
}elseif($gaji[$key]>=3000000){
$gajih=2;
}elseif($gaji[$key]>=2000000){
$gajih=2.5;
}elseif($gaji[$key]>=1000000){
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5){
$beban1=4;
}elseif($beban[$key]>=4){
$beban1=3;
}elseif($beban[$key]>=2){
$beban1=2;
}else{
$beban1=1;
};
}
```

```

};
if ($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if ($smt[$key]==3 or $smt[$key]==4) $smtr=2;
if ($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if ($smt[$key]==7) $smtr=4;

$kipk= pow($ipk1,2);
$kgaji= pow($gajih,2);
$kbegan= pow($beban1,2);
$ksmt= pow($smtr,2);

$ripk= $kipk/$akripk;
$rgaji= $kgaji/$akrgaji;
$rbegan= $kbegan/$akrbegan;
$rsmt= $ksmt/$akrsmt;

$Vipk = $ripk*$w1;
$Vgaji= $rgaji*$w2;
$Vbeban = $rbegan*$w3;
$Vsmt = $rsmt*$w4;

$bb_ipk=$Vipk-$minipk;
$bb_gaji=$Vgaji-$mingaji;
$bb_beban=$Vbeban-$minbeban;
$bb_smt=$Vsmt-$minsmt;

$kbb_ipk=pow($bb_ipk,2);
$kbb_gaji=pow($bb_gaji,2);
$kbb_beban=pow($bb_beban,2);
$kbb_smt=pow($bb_smt,2);

$jml2=$kbb_ipk+$kbb_gaji+$kbb_beban+$kbb_smt;
$akar2= sqrt($jml2);

echo "<tr>
    <th><h6>$nim[$key]</h6></th>
    <th><h6>$nama[$key]</h6></th>
    <th><h6>$kbb_ipk</h6></th>
    <th><h6>$kbb_gaji</h6></th>
    <th><h6>$kbb_beban</h6></th>
    <th><h6>$kbb_smt</h6></th>
    <th><h6>$jml2</h6></th>
    <th><h6>$akar2</h6></th>

    </tr>";
};

echo "</table>";
echo "<br />";
echo "<br />";
?>
</div>

<div class="dhtmlgoodies_aTab">
<?

```



```

echo "<h3>Menghitung Kedekatan setiap alternatif
terhadap solusi ideal (Ci)<h3>";
echo "<br />";
echo "<table border='1'>";
echo "<tr>
    <th>Nim</th>
    <th>Nama</th>
    <th>Si*</th>
    <th>Si* + Si-</th>
    <th>Ci</th>

    </tr>";
$x= @mysql_query("SELECT * FROM bobot_kriteria",$conn)
or die (mysql_error());
$w1= mysql_result($x,0,2);
$w2= mysql_result($x,1,2);
$w3= mysql_result($x,2,2);
$w4= mysql_result($x,3,2);

foreach($nim as $key => $val){
if($ipk[$key]>=3.5){
$ipk1=4;
}elseif($ipk[$key]>=3.25){
$ipk1=3;
}elseif($ipk[$key]>=3){
$ipk1=2.5;
}elseif($ipk[$key]>=2.5){
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>5000000){
$gajih=1;
}elseif($gaji[$key]>=3000000){
$gajih=2;
}elseif($gaji[$key]>=2000000){
$gajih=2.5;
}elseif($gaji[$key]>=1000000){
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5){
$beban1=4;
}elseif($beban[$key]>=4){
$beban1=3;
}elseif($beban[$key]>=2){
$beban1=2;
}else{
$beban1=1;
};
if($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if($smt[$key]==3 or $smt[$key]==4) $smtr=2;
if($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if($smt[$key]==7) $smtr=4;

```

```

$kipk= pow($ipk1,2);
$kgaji= pow($gajih,2);
$kbegan= pow($beban1,2);
$ksmt= pow($smtr,2);

$ripk= $kipk/$akripk;
$rgaji= $kgaji/$akrgaji;
$rbegan= $kbegan/$akrbegan;
$rsmt= $ksmt/$akrsmt;

$Vipk = $ripk*$w1;
$Vgaji= $rgaji*$w2;
$Vbeban = $rbegan*$w3;
$Vsmt = $rsmt*$w4;

$b_ipk=$Vipk-$maxipk;
$b_gaji=$Vgaji-$maxgaji;
$b_beban=$Vbeban-$maxbeban;
$b_smt=$Vsmt-$maxsmt;

$kb_ipk=pow($b_ipk,2);
$kb_gaji=pow($b_gaji,2);
$kb_beban=pow($b_beban,2);
$kb_smt=pow($b_smt,2);

$jml1=$kb_ipk+$kb_gaji+$kb_beban+$kb_smt;
$akar1= sqrt($jml1);

$bb_ipk=$Vipk-$minipk;
$bb_gaji=$Vgaji-$mingaji;
$bb_beban=$Vbeban-$minbeban;
$bb_smt=$Vsmt-$minsmt;

$kbb_ipk=pow($bb_ipk,2);
$kbb_gaji=pow($bb_gaji,2);
$kbb_beban=pow($bb_beban,2);
$kbb_smt=pow($bb_smt,2);

$jml2=$kbb_ipk+$kbb_gaji+$kbb_beban+$kbb_smt;
$akar2= sqrt($jml2);

$akar3= $akar1+$akar2;
$Ci = $akar2/$akar3;

echo "<tr>
      <th>$nim[$key]</th>
      <th>$nama[$key]</th>
      <th>$akar2</th>
      <th>$akar3</th>
      <th>$Ci</th>

      </tr>";
};

echo "</table>";

```

```
echo "<br />";
echo "<br />";

if (isset ($_POST['rangking'])) {
$x= @mysql_query("SELECT * FROM bobot_kriteria",$conn)
or die (mysql_error());
$w1= mysql_result($x,0,2);
$w2= mysql_result($x,1,2);
$w3= mysql_result($x,2,2);
$w4= mysql_result($x,3,2);

foreach($nim as $key => $val){
if($ipk[$key]>=3.5){
$ipk1=4;
}elseif($ipk[$key]>=3.25){
$ipk1=3;
}elseif($ipk[$key]>=3){
$ipk1=2.5;
}elseif($ipk[$key]>=2.5){
$ipk1=2;
}else{
$ipk1=1;
};
if($gaji[$key]>5000000){
$gajih=1;
}elseif($gaji[$key]>=3000000){
$gajih=2;
}elseif($gaji[$key]>=2000000){
$gajih=2.5;
}elseif($gaji[$key]>=1000000){
$gajih=3;
}else{
$gajih=4;
};
if($beban[$key]>5){
$beban1=4;
}elseif($beban[$key]>=4){
$beban1=3;
}elseif($beban[$key]>=2){
$beban1=2;
}else{
$beban1=1;
};
if($smt[$key]==1 or $smt[$key]==2) $smtr=1;
if($smt[$key]==3 or $smt[$key]==4) $smtr=2;
if($smt[$key]==5 or $smt[$key]==6) $smtr=3;
if($smt[$key]==7) $smtr=4;

$kipk= pow($ipk1,2);
$kgaji= pow($gajih,2);
$kbegan= pow($beban1,2);
$ksmt= pow($smtr,2);
```

```

$ripk= $kipk/$akripk;
$rgaji= $kgaji/$akrgaji;
$rbekan= $kbeban/$akrbekan;
$rsmt= $ksmt/$akrsmt;

$Vipk = $ripk*$w1;
$Vgaji= $rgaji*$w2;
$Vbeban = $rbekan*$w3;
$Vsmt = $rsmt*$w4;

$b_ipk=$Vipk-$maxipk;
$b_gaji=$Vgaji-$maxgaji;
$b_beban=$Vbeban-$maxbeban;
$b_smt=$Vsmt-$maxsmt;

$kb_ipk=pow($b_ipk,2);
$kb_gaji=pow($b_gaji,2);
$kb_beban=pow($b_beban,2);
$kb_smt=pow($b_smt,2);

$jml1=$kb_ipk+$kb_gaji+$kb_beban+$kb_smt;
$akar1= sqrt($jml1);

$bb_ipk=$Vipk-$minipk;
$bb_gaji=$Vgaji-$mingaji;
$bb_beban=$Vbeban-$minbeban;
$bb_smt=$Vsmt-$minsmt;

$kkb_ipk=pow($bb_ipk,2);
$kkb_gaji=pow($bb_gaji,2);
$kkb_beban=pow($bb_beban,2);
$kkb_smt=pow($bb_smt,2);

$jml2=$kkb_ipk+$kkb_gaji+$kkb_beban+$kkb_smt;
$akar2= sqrt($jml2);

$akar3= $akar1+$akar2;
$Ci = $akar2/$akar3;

        $sandi = $_POST['sandi'];
        $q = " INSERT INTO hasil_perhitungan
(sandi, id_mahasiswa, skor) VALUES( '". $sandi."',
'".$nim[$key]."', '".$Ci."'");
        $r = mysql_query($q) or die
(mysql_error());
        };
        echo "data sudah disimpan dengan nomor
".$sandi;
}else{
echo "<form action='$PHP_SELF' method='POST'
name='form2' >";
echo "kode penyimpanan : <input name='sandi'
type='text' />";
echo "<input name='rangking' type='submit'
value='simpan' />";

```

```

echo "</form>";
};

?>
</div>
</div>

<script type="text/javascript">
initTabs('dhtmlgoodies_tabView1',Array('Step1','Step
2','Step 3','Step 4','Step 5','Step 6', 'Step 7', 'Step
8', 'Step 9', 'Step 10'),0,800,1200);
</script>

<br>
<br>
<br>
</body>
</html>

```

16. Halaman hasil perangkingan

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>
<?

if (isset ($_POST['cari'])) {

// untuk memanggil file koneksi
include "conection1.php";
$sandi = $_POST['sandi'];
$urut = $_POST['urut'];
// query untuk menampilkan data pegawai
$sql = "SELECT mahasiswa.id_mahasiswa,
mahasiswa.nama_mahasiswa,
        hasil_perhitungan.skor
FROM mahasiswa INNER JOIN hasil_perhitungan
ON(mahasiswa.id_mahasiswa=hasil_perhitungan.id_mahasiswa)
where hasil_perhitungan.sandi='".$sandinya.'"";
// eksekusi query
$res = mysql_query($sql,$conn) or die (mysql_error());
echo "<h3>DATA HASIL PERANGKINGAN</h3>";
echo "<br />";
echo "<table border='1' width='70%' cellpadding='3'
cellspacing='0' style='border-collapse:collapse'>

```

```

        <tr align='center'>
            <th>Rangking</th>
            <th>Id Mahasiswa</th>
            <th>Nama</th>
            <th>Skor</th>
        </tr> " ;
        $Satu = array();
        $Dua = array();
        $Tiga = array();
        $a=0;

        while ($data = mysql_fetch_array($res)) {
            $nim[]= $data[0];
            $nama[]= $data[1];
            $skor[]= $data[2];
        };

        foreach($nim as $key => $val){
            $Satu[$a]= $nim[$key];
            $Dua[$a]= $nama[$key];
            $Tiga [$a] = $skor[$key];
            $a++;
        };

        arsort($Tiga);
        $i=1;
        $part = array_slice($Tiga, 0, $urut, true);
        foreach( $part as $key => $val){
            echo "<tr>
                <th>$i</th>
                <th>".$Satu[$key]."</th>
                <th>".$Dua[$key]."</th>
                <th>".$part[$key]."</th>
            </tr>";
            $i++;
        };
        echo "</table>";
        echo "<br />";
        echo "<br />";
        }else{
            echo "<form action='$_PHP_SELF' method='POST' name='form2'
            >";
            echo "nomer penyimpanan : <input name='sandi' type='text'
            />";
            echo "<br>";
            echo "<br>";
            echo "urutan rangking : <select name='urut' size='1' >";
            echo "<option></option>";
            for ($x=1; $x<=20; $x++){
                echo "<option value='$x'>$x</option>";
            }
            echo "</select>";
            echo "<br>";
            echo "<br>";
            echo "<input name='cari' type='submit' value='cari' />";
            echo "</form>";
        }
    }
}

```

```
};  
?>  
</body>  
</html>
```