

DAFTAR LAMPIRAN

Lampiran 1. Kuesioner Kepuasan *User* Terhadap Sistem

KUESIONER KEPUASAN *USER* TERHADAP SISTEM

IMPLEMENTASI METODE *FUZZY* SAW DALAM PROSES MANAJEMEN

PENENTUAN BANTUAN PKH DI DESA JERUK, PACITAN

Nama : Agus

PETUNJUK PENGISIAN

1. Berilah tanda centang pada jawaban yang dianggap sesuai.
2. Bacalah pernyataan dibawah ini dengan teliti.
3. Setiap pernyataan hanya membutuhkan satu jawaban.

Keterangan:

STS : Sangat Tidak Setuju

TS : Tidak Setuju

N : Netral

S : Setuju

SS : Sangat Setuju

Aspek	Pernyataan	STS	TS	N	S	SS
<i>Correctnes</i>	1. Sistem yang telah dibuat dapat membantu dalam proses pengambilan keputusan pemilihan penerima bantuan PKH di Desa Jeruk, Pacitan.					✓
	2. Menu bobot dapat menampilkan daftar bobot kriteria dan sub kriteria.					✓
	3. Menu data warga dapat membantu					✓

	proses input namacalon penerima bantuan PKH.					
	4. Menu olah data dapat membantu proses input pembobotan kriteria dan subkriteria.					✓
	5. Menu hasil olah data dan laporan dapat memberikan informasi terkait hasil perhitungandan dapat mencetak laporan untuk <i>user</i> .					✓
	6. Menu data profil dapat membantu untuk menambah <i>user</i> baru.					✓
<i>Reability</i>	1. Informasi yang disediakan pada sistem sudah akurat.				✓	
	2. Sistem dapat menampilkan hasil pengolahan <i>fuzzy</i> SAW sesuai dengan input yang diberikan.				✓	
	3. Sistem dapat menampilkan hasil akhir berupa perangkian.					✓
<i>Integrity</i>	Data yang telah diinputkan memiliki keamanan dari orang yang tidak berhak untuk melakukan akses terhadap sistem.				✓	
<i>Usability</i>	1. Tampilan sistem menarik.				✓	
	2. Fitur CRUD (<i>Create, Read, Update, dan Delete</i>) pada sistem mudah dilakukan.				✓	
	3. Proses input pada menu data warga dan olah data mudah dilakukan.				✓	
	4. Sistem pendukung keputusan					✓

	pemilihan calon penerima bantuan PKH di Desa Jeruk, Pacitan mudah digunakan.					
--	--	--	--	--	--	--

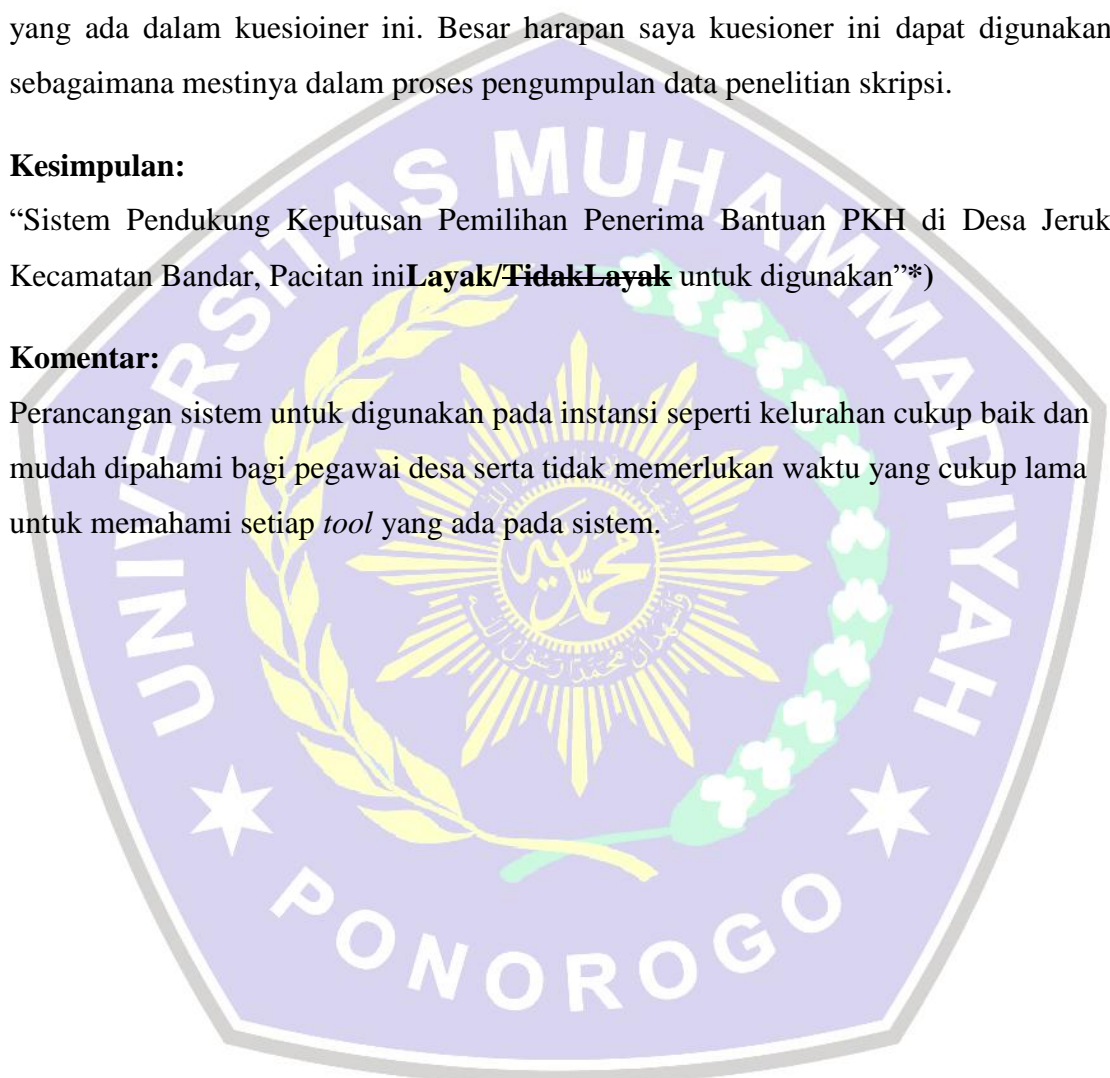
Terimakasih atas partisipasi saudara dalam menjawab butir-butir pertanyaan yang ada dalam kuesioner ini. Besar harapan saya kuesioner ini dapat digunakan sebagaimana mestinya dalam proses pengumpulan data penelitian skripsi.

Kesimpulan:

“Sistem Pendukung Keputusan Pemilihan Penerima Bantuan PKH di Desa Jeruk Kecamatan Bandar, Pacitan ini **Layak/Tidak Layak** untuk digunakan”*)

Komentar:

Perancangan sistem untuk digunakan pada instansi seperti kelurahan cukup baik dan mudah dipahami bagi pegawai desa serta tidak memerlukan waktu yang cukup lama untuk memahami setiap *tool* yang ada pada sistem.



Lampiran 2. Source Code Sistem

Bagian include

1) Config.php

```
<?php
class Config{
private $host = "localhost";
private $db_name = "spk_saw";
private $username = "root";
private $password = "";
public $conn;
public function getConnection(){
    $this->conn = null;
    try{$this->conn = new PDO("mysql:host=" . $this->host . ";dbname=" . $this->db_name, $this->username, $this->password);
    }catch(PDOException $exception){
        echo "Connection error: " . $exception->getMessage();
    }
    return $this->conn;
}
?>
```

2) Login.inc.php

```
<?php
class Login
{
private $conn;
private $table_name = "pengguna";
public $user;
public $userid;
public $passid;
public function __construct($db){
    $this->conn = $db;
}
public function login()
{
    $user = $this->checkCredentials();
    if ($user) {
        $this->user = $user;
        session_start();
        $_SESSION['nama_lengkap'] = $user['nama_lengkap'];
        $_SESSION['id_pengguna'] = $user['id_pengguna'];
        $_SESSION['username'] = $user['username'];
        return $user['nama_lengkap'];
    }
    return false;
}
protected function checkCredentials()
{
    $stmt = $this->conn->prepare('SELECT * FROM ' . $this->table_name . ' WHERE username=? and password=? ');
    $stmt->bindParam(1, $this->userid);
    $stmt->bindParam(2, $this->passid);
    $stmt->execute();
    if ($stmt->rowCount() > 0) {
        $data = $stmt->fetch(PDO::FETCH_ASSOC);
        $submitted_pass = $this->passid;
    }
}
```

```

        if ($submitted_pass == $data['password']) {
            return $data;
        }
        return false;
    }

    public function getUser()
    {
        return $this->user;
    }
}

3) Nilai.inc.php
<?php
class Nilai{
private $conn;
private $table_name = "nilai"
public $id;
public $kt;
public $jm;
public function __construct($db){
    $this->conn = $db;
}
function insert(){
    $query = "insert into ".$this->table_name." values('',?,?)";
    $stmt = $this->conn->prepare($query);
    $stmt->bindParam(1, $this->kt);
    $stmt->bindParam(2, $this->jm);
    if($stmt->execute()){
        return true;
    }else{
        return false;
    }
}

function readAll(){
    $query = "SELECT * FROM ".$this->table_name." ORDER BY id_nilai ASC";
    $stmt = $this->conn->prepare($query );
    $stmt->execute();
    return $stmt;
}

// used when filling up the update product form
function readOne(){
    $query = "SELECT * FROM " . $this->table_name . " WHERE id_nilai=? LIMIT 0,1";
    $stmt = $this->conn->prepare($query );
    $stmt->bindParam(1, $this->id);
    $stmt->execute();
    $row = $stmt->fetch(PDO::FETCH_ASSOC);
    $this->id = $row['id_nilai'];
    $this->kt = $row['ket_nilai'];
    $this->jm = $row['jum_nilai'];
}

// update the product
function update(){
    $query = "UPDATE " . $this->table_name . " SET ket_nilai = :kt,jum_nilai = :jmWHEREid_nilai = :id";
    $stmt = $this->conn->prepare($query);
    $stmt->bindParam(':kt', $this->kt);
    $stmt->bindParam(':jm', $this->jm);
    $stmt->bindParam(':id', $this->id);
    // execute the query
    if($stmt->execute()){
        return true;
    }else{
        return false;
    }
}
}

```

```

        // delete the product
        function delete(){
            $query = "DELETE FROM
            " . $this->table_name . " WHERE
            id_nilai = ?";

            $stmt = $this->conn-
            >prepare($query);
            $stmt->bindParam(1,
            $this->id);

            if($result = $stmt-
            >execute()){
                return true;
            }else{
                return false;
            }
        }
    }
    ?>
}

return true;
}else{
return false;
}}

function readAll(){
    $query = "SELECT *
    FROM ".$this->table_name." ORDER
    BY id_kriteria ASC";
    $stmt = $this->conn->prepare(
    $query );
    $stmt->execute();
    return $stmt;
}

// used when filling up the
update product form
function readOne(){
    $query = "SELECT * FROM " .
    $this->table_name . " WHERE
    id_kriteria=? LIMIT 0,1";
    $stmt = $this->conn->prepare(
    $query );
    $stmt->bindParam(1, $this->id);
    $stmt->execute();
    $row = $stmt-
    >fetch(PDO::FETCH_ASSOC);
    $this->id = $row['id_kriteria'];
    $this->kt = $row['nama_kriteria'];
    $this->tp = $row['tipe_kriteria'];
    $this->jm =
    $row['bobot_kriteria'];
}

// update the productfunction
update(){
    $query = "UPDATE " . $this-
    >table_name . " SET nama_kriteria
    = :kt,tipe_kriteria = :tp,
    bobot_kriteria =
    :jmWHEREid_kriteria = :id";
    $stmt = $this->conn-
    >prepare($query);
}

```

4) Kriteria.inc.php

```

<?php
class Kriteria{
private $conn;
private $table_name = "kriteria"
    public $id;
    public $kt;
    public $tp;
    public $jm;
public function __construct($db){
    $this->conn = $db;}
function insert(){
    $query = "insert into ".$this-
    >table_name." values('',?,?,?)";
    $stmt = $this->conn-
    >prepare($query);
    $stmt->bindParam(1, $this->kt);
    $stmt->bindParam(2, $this->tp);
    $stmt->bindParam(3, $this->jm);
    if($stmt->execute()){

```

```

        $stmt->bindParam(':kt',
$this->kt);
        $stmt->bindParam(':tp',
$this->tp);
$stmt->bindParam(':jm', $this-
>jm);
$stmt->bindParam(':id', $this-
>id);
// execute the query
if($stmt->execute()){
return true;
} else{
return false;
}
}
// delete the product
function delete(){
$query = "DELETE FROM " . $this-
>table_name . " WHERE id_kriteria
= ?";
$stmt = $this->conn-
>prepare($query);
$stmt->bindParam(1, $this->id);
if($result = $stmt-
>execute()){
return true;
} else{
return false;
}
}
?>

```

5) Alternatif.inc.php

```

<?php
class Alternatif
{
private $conn;
private $table_name =
"alternatif";
public $id;
public $kt;
public $nk;
public $th;
public $jm;

```

```

public function
__construct($db){
$this->conn = $db;
}
function insert(){
$query = "insert into " . $this-
>table_name . "
values(' ',?,?,?,?)";
$stmt = $this->conn-
>prepare($query);
$stmt->bindParam(1, $this->kt);
$stmt->bindParam(2, $this->nk);
$stmt->bindParam(3, $this->th);
if ($stmt->execute()){
return true;
} else {
return false;
}
}
function readAll(){
$query = "SELECT *
FROM " . $this->table_name . "
ORDER BY tahun, hasil_alternatif
DESC";
$stmt = $this->conn-
>prepare($query);
$stmt->execute();
return $stmt;
}
// used when filling up the
update product form
function readOne(){
$query = "SELECT * FROM " .
$this->table_name . " WHERE
id_alternatif=? LIMIT 0,1";
$stmt = $this->conn-
>prepare($query);
$stmt->bindParam(1, $this->id);
$stmt->execute();
$row = $stmt-
>fetch(PDO::FETCH_ASSOC);

```

```

$this->id =
$row['id_alternatif'];
$this->kt =
$row['nama_alternatif'];
$this->nk = $row['nik'];
$this->th = $row['tahun'];
    }
// update the productfunction
update()
    {
$query = "UPDATE " . $this-
>table_name . "
SETnama_alternatif = :kt,nik =
:nk,
tahun = :thWHERE id_alternatif =
:id";
$stmt = $this->conn-
>prepare($query);
$stmt->bindParam(':kt', $this-
>kt);
$stmt->bindParam(':nk', $this-
>nk);
$stmt->bindParam(':th', $this-
>th);
$stmt->bindParam(':id', $this-
>id);
// execute the query
    if ($stmt->execute()) {
return true;
    } else {
        return false;
    }
}
// delete the product
function delete()
    {
$query = "DELETE FROM " . $this-
>table_name . " WHERE
id_alternatif = ?";
$stmt = $this->conn-
>prepare($query);
$stmt->bindParam(1, $this->id);
        if ($result = $stmt->execute()) {
            return true;
        } else {
            return false;
        }
    }
}
}

6) User.inc.php
<?php
class User{
private $conn;
private $table_name = "pengguna"
public $id;
public $nl;
public $un;
public $pw;
public function __construct($db){
    $this->conn = $db;
}
function insert(){
    $query = "insert into ".$this-
>table_name." values('?,?,?)";
    $stmt = $this->conn-
>prepare($query);
    $stmt->bindParam(1, $this->nl);
    $stmt->bindParam(2, $this->un);
    $stmt->bindParam(3, $this->pw);
    if($stmt->execute()){
        return true;
    }else{
        return false;
    }
}
function readAll(){
    $query = "SELECT * FROM ".$this-
>table_name." ORDER BY
id_pengguna ASC";
    $stmt = $this->conn->prepare(
    $query );
    $stmt->execute();
        return $stmt;
    }
}

```



```

// used when filling up the
update product formfunction
readOne(){
$query = "SELECT * FROM " .
$this->table_name . " WHERE
id_pengguna=? LIMIT 0,1";

$stmt = $this->conn->prepare(
$query );
$stmt->bindParam(1, $this->id);
$stmt->execute();
$row = $stmt-
>fetch(PDO::FETCH_ASSOC);
$this->id = $row['id_pengguna'];
$this->nl = $row['nama_lengkap'];
$this->un = $row['username'];
$this->pw = $row['password'];
}

// update the product
function update(){
$query = "UPDATE " . $this-
>table_name . " SET nama_lengkap
= :nm, username = :un,password =
:psWHEREid_pengguna = :id";
$stmt = $this->conn-
>prepare($query);
$stmt->bindParam(':nm', $this-
>nl);
$stmt->bindParam(':un', $this-
>un);
$stmt->bindParam(':ps', $this-
>pw);
$stmt->bindParam(':id', $this-
>id);
// execute the query
if($stmt->execute()){
return true;
}else{
return false;
}}

// delete the product
function delete(){
$query = "DELETE FROM " . $this-
>table_name . " WHERE id_pengguna
= ?";
$stmt = $this->conn-
>prepare($query);
$stmt->bindParam(1, $this->id);
if($result = $stmt->execute()){
return true;
}else{
return false;
}}}?>

```

Bagian halaman *interface*

1) Login.php

```

<?php
include_once'includes/config.php'
;
$config = new Config();
$db = $config>getConnection();
if($_POST){
include_once'includes/login.inc.p
hp';
$login = new Login($db);
$login->userid = $_POST
['username'];
$login->passid =
md5($_POST['password']);
if($login->login()){
echo
"<script>location.href='index.php
'</script>";
}
}else{
echo "<script>alert('Gagal
Total')</script>";
}}}?>
<div style="margin-top: 100px;
margin-left: 360px; margin-right:
360px;" class="panelpanel-
default"><div class="panel-body">

```

```

<div class="text center " ><
h3>.: LOGIN :.</h3></div>
    <form method="post">
        <div class="form-
group"><label for =
"InputUsername1">Username</label>
<input type="text" class = "form-
control" name="username"
id="InputUsername1"
placeholder="Username">
</div>
        <div
class="form-group">
<label for= "InputPassword1"
>Password</label>
<input type="password"
class="form-control" name=
"password" id="InputPassword1"
placeholder="Password">
</div></div></div>

```

2) Index.php

```

<?php
include_once 'header.php';
include_once
'includes/nilai.inc.php';
$pro3 = new Nilai($db);
$stmt3 = $pro3->readAll();
include_once
'includes/alternatif.inc.php';
$pro1 = new Alternatif($db);
$stmt1 = $pro1->readAll();
$stmt4 = $pro1->readAll();
include_once
'includes/kriteria.inc.php';
$pro2 = new Kriteria($db);
$stmt2 = $pro2->readAll();
include_once
'includes/sub_kriteria.inc.php';
$pro = new Sub_kriteria($db);
$stmt = $pro->readAll();
?>
<script>

```

```

var chart1; // globally available
$(document).ready(function() {
chart1 = new Highcharts.Chart({
chart: {
renderTo: 'container2',
type: 'column'
},
title: {
text: 'Grafik Perangkingan '
},
xAxis: {
categories: ['Alternatif']
},
yAxis: {
title: {
text: 'Jumlah Nilai'
}},
series: [
<?php
while ($row4 = $stmt4-
>fetch(PDO::FETCH_ASSOC)) {?>
//data yang diambil dari database
dimasukan ke variable nama dan
data//
{
name: '<?php echo $row4['nama']
?>',
data: [<?php echo $row
['hasil_alternatif'] ?>]
},
<?php } ?>]]);
});
</script>

```

3) Header.php

```

<?php
include "includes/config.php";
session_start();
if(!isset($_SESSION['nama_lengkap
']))){

```

```

        echo
"<script>location.href='login.php
'</script>";
}
$config = new Config();
$db = $config->getConnection();
?>
<ul class="nav navbar-nav">
<li><a
href="index.php">Beranda</a></li>
<li><a
href="nilai.php">Bobot</a></li>
<li><a href="alternatif.php">Data
Warga</a></li>
<li><a href="rangking.php">Olah
Data</a></li>
<li><a href="laporan.php">Hasil
Olah Data dan Laporan</a></li>
</ul>
<ul class="nav navbar-nav navbar-
right">
<li><a href="profil.php"><?php
echo $_SESSION['nama_lengkap']
?></a></li>
<ul class="dropdown-menu">
<li><a
href="profil.php">Profil</a></li>
<li><a href="user.php">Manejer
Pengguna</a></li>
<li role="separator"
class="divider"></li>
<li><a
href="logout.php">Logout</a></li>
</ul>

```

5) Kriteria.php

```

<?php
include_once 'header.php';
include_once
'includes/kriteria.inc.php';
$pro = new Kriteria($db);
$stmt = $pro->readAll();?>

```

```

<div class="well">
<div class="row">
<ul class="nav nav-tabs"
role="tablist">
<li role="presentation"><a
href="kriteria.php"
role="tab">kriteria</a></li>
<li role="presentation"><a
href="nilai.php" role="tab">sub
kriteria</a></li></ul>
<thead><tr>
<th width="30px">No</th>
<th>Nama Kriteria</th>
<th>Variabel</th>
<th>Bilangan Fuzzy</th>
</tr></thead>
<tfoot><tr>
<th>No</th>
<th>Nama Kriteria</th>
<th>Variabel</th>
<th>Bilangan Fuzzy</th>
</tr></tfoot>
<tbody>
<?php
$no=1;
while ($row = $stmt-
>fetch(PDO::FETCH_ASSOC)) {
?>
<tr>
<td><?php echo $no++ ?></td>
<td><?php echo
$row['nama_kriteria'] ?></td>
<td><?php echo
$row['tipe_kriteria'] ?></td>
<td><?php echo
$row['bobot_kriteria'] ?></td>
</td></tr>
<?php?></tbody>

```

6) Nilai.php

```

<?php
include_once 'header.php';

```

```

include_once
'includes/nilai.inc.php';
$pro = new Nilai($db);
$stmt = $pro->readAll();
?>
<div class="well">
<div class="row">
<ul class="nav nav-tabs"
role="tablist">
<li role="presentation"><a
href="kriteria.php"
role="tab">kriteria</a></li>
<li role="presentation"><a
href="nilai.php" role="tab">sub
kriteria</a></li>
</ul></div>
<table width="100%" class="table
table-striped table-bordered"
id="tabeldata">
<thead>
<tr>
<th width="30px">No</th>
<th>Keterangan Nilai</th>
<th>Jumlah Nilai</th>
</tr></thead>
<tfoot>
<tr>
<th>No</th>
<th>Keterangan Nilai</th>
<th>Jumlah Nilai</th>
</tr></tfoot>
<tbody>
<?php
$no=0;
while ($row = $stmt-
>fetch(PDO::FETCH_ASSOC)) {
?>
<tr>
<td><?php echo $no++ ?></td>
<td><?php echo $row['ket_nilai']
?></td>

```

```

<td><?php echo $row['jum_nilai']
?></td>

```

7) Alternatif.php

```

<?php
include_once 'header.php';
include_once
'includes/alternatif.inc.php';
$pro = new Alternatif($db);
$stmt = $pro->readAll();
?>
<div class="well">
<div class="row"></div>
<div class="row">
<div class="col-md-6 text-left">
<h4>Data Warga</h4></div>
<div class="col-md-6 text-right">
<button
onclick="location.href='alternati
f-baru.php'" class="btn btn-
primary">Tambah Data</button>
</div></div><br/>
<table width="100%" class="table
table-striped table-bordered"
id="tabeldata">
<thead>
<tr>
<th width="30px">No</th>
<th>Nama Alternatif</th>
<th>NIK</th>
<th>Tahun</th>
<th>Hasil Alternatif</th>
<th width="100px">Aksi</th>
</tr></thead>
<tfoot>
<tr>
<th>No</th>
<th>Nama Alternatif</th>
<th>NIK</th>
<th>Tahun</th>
<th>Hasil Alternatif</th>
<th>Aksi</th>
</tr></tfoot>
<tbody>
<?php

```

```

$no = 1;
while ($row = $stmt-
>fetch(PDO::FETCH_ASSOC)) {
    ?>
    <tr>
    <td><?php echo $no++ ?></td>
    <td><?php echo
    $row['nama_alternatif'] ?></td>
    <td><?php echo $row['nik']
    ?></td>
    <td><?php echo $row['tahun']
    ?></td>
    <td><?php echo
    $row['hasil_alternatif'] ?></td>
    <td class="text-center">
    <a href="alternatif-
    ubah.php?id=<?php echo
    $row['id_alternatif'] ?>"
    class="btn btn-warning"><span
    class="glyphicon glyphicon-
    pencil" aria-
    hidden="true"></span></a>
    <a href="alternatif-
    hapus.php?id=<?php echo
    $row['id_alternatif'] ?>"
    onclick="return confirm('Yakin
    ingin menghapus data')"
    class="btn btn-danger"><span
    class="glyphicon glyphicon-trash"
    aria-hidden="true"></span></a>
    </td></tr>
    <?php
    }?>
</tbody></table></div>
<?php
include_once 'footer.php';
?>
8) Rangking.php
<?php
include_once 'header.php';
include_once
'includes/alternatif.inc.php';
$pro1 = new Alternatif($db);
$stmt1 = $pro1->readAll();
include_once
'includes/kriteria.inc.php';
$pro2 = new Kriteria($db);
$stmt2 = $pro2->readAll();
include_once
'includes/rangking.inc.php';
$pro = new Rangking($db);
$stmt = $pro->readKhusus();
?>
<br />
<div>
    <div class="well">
        <div class="row">
            <ul class="nav nav-tabs"
            role="tablist">
                <li role="presentation"
                class="active"><a href="#lihat"
                aria-controls="lihat" role="tab"
                data-toggle="tab">Lihat Semua
                Data</a></li>
                <li role="presentation"><a
                href="#rangking" aria-
                controls="rangking" role="tab"
                data-
                toggle="tab">Normalisasi</a></li>
            </ul></div>
            <div class="tab-content">
                <div role="tabpanel" class="tab-
                pane active" id="lihat"><br/>
                <div class="row">
                    <div class="col-md-6 text-left">
                        <h4>Data Calon Penerima
                        Bantuan</h4></div>
                    <div class="col-md-6 text-right">
                        <button
                        onclick="location.href='rangking-
                        baru.php'" class="btn btn-
                        primary">Tambah Data</button>
                    </div></div><br />
                <table width="100%" class="table
                table-striped table-bordered"
                id="tabeldata">
                    <thead>
                        <tr>
                            <th width="30px">No</th>
                            <th>Alternatif</th>
                            <th>Kriteria</th>
                            <th>Nilai</th>
                            <th width="100px">Aksi</th>
                        </tr></thead>

```

```

<tfoot>
<tr>
<th>No</th>
<th>Alternatif</th>
<th>Kriteria</th>
<th>Nilai</th>
<th>Aksi</th>
</tr></tfoot>
<tbody>
<?php
$no = 1;
while ($row = $stmt-
>fetch(PDO::FETCH_ASSOC)) {
?>
<tr>
<td><?php echo $no++ ?></td>
<td><?php echo
$row['nama_alternatif'] ?></td>
<td><?php echo
$row['nama_kriteria'] ?></td>
<td><?php echo
$row['nilai_rangking'] ?></td>
<td class="text-center">
<a href="rangking-
ubah.php?ia=<?php echo
$row['id_alternatif'] ?>&ik=<?php
echo $row['id_kriteria'] ?>"
class="btn btn-warning"><span
class="glyphicon glyphicon-
pencil" aria-
hidden="true"></span></a>
<a href="rangking-
hapus.php?ia=<?php echo
$row['id_alternatif'] ?>&ik=<?php
echo $row['id_kriteria'] ?>"
onclick="return confirm('Yakin
ingin menghapus data')"
class="btn btn-danger"><span
class="glyphicon glyphicon-trash"
aria-hidden="true"></span></a>
</td></tr>
`<?php
}?>
</tbody></table></div>
<div role="tabpanel" class="tab-
pane" id="rangking">
<br />
<h4>Normalisasi R
Perangkingan</h4>
<table width="100%" class="table
table-striped table-bordered">
<thead>
<tr>
<th rowspan="2" style="vertical-
align: middle" class="text-
center">Alternatif</th>
<th colspan="<?php echo $stmt2-
>rowCount(); ?>" class="text-
center">Kriteria</th>
<th rowspan="2" style="vertical-
align: middle" class="text-
center">Hasil</th>
</tr>
<tr>
<?php
while ($row2 = $stmt2-
>fetch(PDO::FETCH_ASSOC)) {
?>
<th><?php echo
$row2['nama_kriteria'] ?></th>
<?php
}?>
</tr></thead>
<tbody>
<?php
while ($row1 = $stmt1-
>fetch(PDO::FETCH_ASSOC)) {
?>
<tr>
<th><?php echo
$row1['nama_alternatif'] ?></th>
<?php

```

```

        $a = $row1['id_alternatif']; </td></tr>
        $stmtR = $pro->readR($a); <?php
        while ($rowr = $stmtR- }?>
        >fetch(PDO::FETCH_ASSOC)) { </tbody></table></div></div>
        $b = $rowr['id_kriteria']; </div></div>
$stipe = $rowr['tipe_kriteria']; <?php
$bobot = $rowr['bobot_kriteria']; include_once 'footer.php';
?> ?>
<td> <body style="background: #26747E
<?php url(images/) left bottom
if ($stipe == 'benefit') { fixed;"></body>
$stmtmax = $pro->readMax($b); 9) Rangking-baru.php
    $maxnr = $stmtmax- <?php
>fetch(PDO::FETCH_ASSOC); include_once 'header.php';
echo $nor = include_once
@($rowr['nilai_rangking'] / 'includes/alternatif.inc.php';
    $maxnr['mnr1']); $pgn1 = new Alternatif($db);
    } else { include_once
$stmtmin = $pro->readMin($b); 'includes/kriteria.inc.php';
    $minnr = $stmtmin- $pgn2 = new Kriteria($db);
>fetch(PDO::FETCH_ASSOC); include_once
echo $nor = @($minnr['mnr2'] / 'includes/sub_kriteria.inc.php';
    $rowr['nilai_rangking']); $pgn4 = new Sub_kriteria($db);
    } include_once
$pro->ia = $a; 'includes/nilai.inc.php';
$pro->ik = $b; $pgn3 = new Nilai($db);
$pro->nn2 = $nor; if ($_POST) {
$pro->nn3 = $bobot * $nor; include_once
$pro->normalisasi(); 'includes/rangking.inc.php';
    ?> $eks = new rangking($db);
</td> $eks->ia = $_POST['ia'];
<td> $eks->ik = $_POST['ik'];
<?php $eks->nn = $_POST['nn'];
$stmthasil = $pro->readHasil($a); if ($eks->insert()) {
$hasil = $stmthasil- ?>
>fetch(PDO::FETCH_ASSOC); <div class="alert alert-success
echo $hasil['bbn']; alert-dismissible" role="alert">
$pro->ia = $a; <button type="button"
$pro->has = $hasil['bbn']; class="close" data-
$pro->hasil(); dismiss="alert" aria-
?> label="Close"><span aria-

```

```

hidden="true">&times;</span></but
ton>
<strong>Berhasil Tambah
Data!</strong> Tambah lagi atau
<a href="rangking.php">lihat
semua data</a>.
        </div>
        <?php
        } else {
        ?>
<div class="alert alert-danger
alert-dismissible" role="alert">
        <button
type="button" class="close" data-
dismiss="alert" aria-
label="Close"><span aria-
hidden="true">&times;</span></but
ton>
<strong>Data sudah ada!</strong>
coba sekali lagi.
        </div>
<?php
    }}?>
<div class="row">
    <div class="col-xs-12 col-
sm-6 col-md-6">
<div class="well">
<div class="page-header">
<h3>Tambah Data Calon Penerima
PKH</h3>
</div>
<form method="post">
<div class="form-group">
    <label
for="ia">Alternatif</label>
<select class="form-control"
id="ia" name="ia">
<option selected disabled>--
Pilih Alternatif --</option>
        <?php
        $stmt3 = $pgn1->readAll();
        while ($row3 = $stmt3-
>fetch(PDO::FETCH_ASSOC)) {
            extract($row3);
            echo "<option
value='{ $id_alternatif }'>{$nama_a
lternatif}</option>";
        }
        ?>
    </select></div>
    <div class="form-group">
        <label
for="ik">Kriteria</label>
<select class="form-control"
id="ik" name="ik">
<option selected disabled>--
Pilih Kriteria --</option>
        <?php
        $stmt2 = $pgn2->readAll();
        while ($row2 = $stmt2-
>fetch(PDO::FETCH_ASSOC)) {
            extract($row2);
            echo "<option
value='{ $id_kriteria }'>{$nama_kri
teria}</option>";
        }?>
    </select></div>
    <div class="form-group">
        <label for="nn">Sub
Kriteria</label>
<select class="form-control"
id="nn" name="nn">
<option selected disabled>--
Pilih Sub Kriteria --</option>
        <?php
        $stmt4 = $pgn3->readAll();
            while ($row4 = $stmt4-
>fetch(PDO::FETCH_ASSOC)) {
                extract($row4);
                echo "<option
value='{ $jum_nilai }'>{$ket_nilai}
</option>";

```



```

    }
    ?>
</select></div>
<button type="submit" class="btn
btn-primary">Simpan</button>
    <button type="button"
onclick="location.href='rangking.
php'" class="btn btn-
success">Kembali</button>
</form></div></div>
}
$stmtx = $pro->readKhusus();
$stmtx = $pro->readKhusus();
?>
<br/>
<div class="well">
<!-- Nav tabs --><ul class="nav
nav-tabs" role="tablist">
    <li role="presentation"
class="active"><a
href="#rangking" aria-
controls="rangking" role="tab"
data-
toggle="tab">Perangkingan</a></li
>
    <li role="presentation"
style="cursor: pointer;"><a
id="cetak" role="tab">Cetak
Laporan 1 (PrintMe)</a></li></ul>
<!-- Tab panes -->
<div class="tab-content">
    <div role="tabpanel"
class="tab-pane active"
id="rangking"><br/>
    <h4>Nilai Alternatif
Kriteria</h4>
    <table width="100%"
class="table table-striped table-
bordered">
        <thead>
            <tr>
                <th rowspan="2"
style="vertical-align: middle"
class="text-
center">Alternatif</th>
                <th colspan="<?php echo $stmtx->
rowCount(); ?>" class="text-
center">Kriteria</th></tr>
            <tr>
                <th colspan="<?php
while ($row2x = $stmtx->
fetch(PDO::FETCH_ASSOC)) {

```

10) Laporan.php

```

<?php
include "includes/config.php";
session_start();
if(!isset($_SESSION['nama_lengkap
'])) {
    echo
    "<script>location.href='index.php
'</script>";
}
$config = new Config();
$db = $config->getConnection();
?>
<?php
include_once
'includes/alternatif.inc.php';
$pro1 = new Alternatif($db);
$stmt1 = $pro1->readAll();
$stmt1x = $pro1->readAll();
$stmt1y = $pro1->readAll();
include_once
'includes/kriteria.inc.php';
$pro2 = new Kriteria($db);
$stmt2 = $pro2->readAll();
$stmt2x = $pro2->readAll();
$stmt2y = $pro2->readAll();
$stmt2yx = $pro2->readAll();
include_once
'includes/rangking.inc.php';
$pro = new Rangking($db);
$stmt = $pro->readKhusus();

```

```

                                ?>                                <th rowspan="2"
                                <th><?php echo                    style="vertical-align: middle"
                                $row2x['nama_kriteria']          class="text-
                                ?><br/><?php echo                    center">Alternatif</th>
                                $row2x['tipe_kriteria'] ?></th>    <th colspan="<?php echo $stmt2y-
                                <?php                            >rowCount(); ?>" class="text-
                                }?>                             center">Kriteria</th></tr>
                                </tr></thead>                                <tr>
                                <tbody>                                <?php
                                <?php                                while ($row2y = $stmt2y-
                                while ($row1x = $stmt1x-          >fetch(PDO::FETCH_ASSOC)) {
                                >fetch(PDO::FETCH_ASSOC)) {        ?>
                                    ?>                                <th><?php echo
                                    <tr>                                $row2y['nama_kriteria'] ?></th>
                                <th><?php echo                    <?php
                                $row1x['nama_alternatif'] ?></th>    }?>
                                    <?php                            </tr></thead>
                                $ax= $row1x['id_alternatif'];        <tbody>
                                $stmtrx = $pro->readR($ax);          <?php
                                while ($rowrx = $stmtrx-          while ($rowly = $stmtly-
                                >fetch(PDO::FETCH_ASSOC)) {        >fetch(PDO::FETCH_ASSOC)) {
                                    ?>                                ?>
                                <td>                                <tr>
                                <?php                            <th><?php echo
                                    echo                            $rowly['nama_alternatif'] ?></th>
                                $rowrx['nilai_rangking'];          <?php
                                    ?>                                $say= $rowly['id_alternatif'];
                                </td>                                $stmtry = $pro->readR($say);
                                <?php>                            while ($rowry = $stmtry-
                                ?>                                >fetch(PDO::FETCH_ASSOC)) {
                                </tr>                                ?>
                                <?php                            <td>
                                    }                                <?php
                                ?>                                echo $rowry['nilai_normalisasi'];
                                </tbody></table>                    ?>
                                <h4>Normalisasi R</h4>            </td>
                                <table width="100%" class="table    <?php
                                table-striped table-bordered">    </tr>
                                    <thead>                            </tr>
                                    <tr>                                <?php
                                                }

```

```

                ?><tr>
<td><b>Bobot</b></td>
                <tbody>
                <?php
                while ($row1 = $stmt1-
                >fetch(PDO::FETCH_ASSOC)) {
                <tr>
                <th><?php echo
                $row1['nama_alternatif'] ?></th>
                <?php
                $a= $row1['id_alternatif'];
                $stmtr = $pro->readR($a);
                while ($rowr = $stmtr-
                >fetch(PDO::FETCH_ASSOC)) {
                <td>
                <?php
                echo
                $rowr['bobot_normalisasi'];
                </td>
                <?php
                }?>
                </tr></tbody></table>
                <h4>Hasil Akhir
                Perkalian Dengan Nilai
                Kepentingan (W x R)</h4>
                <table width="100%" id="table-
                akhir" class="table table-striped
                table-bordered">
                <thead>
                <tr>
                <th rowspan="2" style="vertical-
                align: middle" class="text-
                center">Alternatif</th>
                <td>
                <?php
                echo $stmt2->rowCount(); ?>
                <?php echo
                $row1['hasil_alternatif'];
                </td></tr>
                <th colspan="2" style="vertical-align: middle"
                class="text-center">Kriteria</th>
                <td></td></tr>
                <th rowspan="2"
                style="vertical-align: middle"
                class="text-center">Hasil</th>
                <?php
                }?>
                </tr>
                </thead></table></div></div>
                <tr>
                <?php
                while ($row2 = $stmt2-
                >fetch(PDO::FETCH_ASSOC)) {
                <th><?php echo
                $row2['nama_kriteria'] ?></th>
                <?php
                <!-- jQuery (necessary for
                Bootstrap's JavaScript plugins) -
                -->
                <script src="js/jquery-
                1.11.3.min.js"></script>
                <!-- Include all compiled plugins
                (below), or include individual
                files as needed -->
                }?>
                </tr></thead>

```

```

<script src="js/bootstrap.min.js"></scrip
t>
<script src="js/jquery-
printme.js"></script>
<script>
    $('#cetak').click(function()
    {
        $("#rangking").printMe({
"path": "css/bootstrap.min.css",
"title": "LAPORAN HASIL AKHIR"
});
});
</script>
<script type="text/javascript"
src="js/tableExport.js"></script>
<script type="text/javascript"
src="js/jquery.base64.js"></scrip
t>
<script type="text/javascript"
src="js/html2canvas.js"></script>
<script type="text/javascript"
src="js/jspdf/libs/sprintf.js"></s
cript>
<script type="text/javascript"
src="js/jspdf/jspdf.js"></script>
<script type="text/javascript"
src="js/jspdf/libs/base64.js"></s
cript>
</body></html>

```

11) Laporan-cetak.php

```

<?php
require('includes/fpdf/fpdf.php')
;
class PDF extends FPDF{
    function
PDF($orientation='P', $unit='mm',
$size='A4'){
        $this-
>FPDF($orientation,$unit,$size);
    }

```

```

function Header(){
    $this->SetFont('Times','B',14);
    $this->Cell(80);
    $this->Cell(30,10,'LAPORAN SISTEM
PENDUKUNG KEPUTUSAN',0,0,'C');
    $this->Ln(20);
}
function Footer(){
    $this->SetY(-15);
    $this->SetFont('Times','',8);
    $this->Cell(0,10,$this-
>PageNo(),0,0,'R');
}
include "includes/config.php";
session_start();
if(!isset($_SESSION['nama_lengkap
']))){
    echo
"<script>location.href='index.php
'</script>";
}
$config = new Config();
$db = $config->getConnection();
include_once
'includes/alternatif.inc.php';
$pro1 = new Alternatif($db);
$stmt1 = $pro1->readAll();
$stmt1x = $pro1->readAll();
$stmt1y = $pro1->readAll();
include_once
'includes/kriteria.inc.php';
$pro2 = new Kriteria($db);
$stmt2 = $pro2->readAll();
$stmt2x = $pro2->readAll();
$stmt2y = $pro2->readAll();
$stmt2yx = $pro2->readAll();
include_once
'includes/rangking.inc.php';
$pro = new Rangking($db);
$stmt = $pro->readKhusus();
$stmtx = $pro->readKhusus();

```

```

$stmty = $pro->readKhusus();
$pdf = new PDF();
$pdf->AddPage();
$pdf->SetFont('Times','B',14);
$pdf->Cell(40,10,'Nilai
Alternatif Kriteria',0,0,'L');
$pdf->ln();
$pdf->SetFont('Times','B',12);
$pdf-
>Cell(40,7,'Kriteria/Alternatif',
1,0,'L');
while ($row2x = $stmt2x-
>fetch(PDO::FETCH_ASSOC)){
    $pdf-
>Cell(30,7,$row2x['nama_kriteria'
],1,0,'L');
}
$pdf->ln();
$pdf->SetFont('Times','',12);
while ($row1x = $stmt1x-
>fetch(PDO::FETCH_ASSOC)){
    $pdf-
>Cell(40,7,$row1x['nama_alternati
f'],1,0,'L');
    $stmtrx = $pro-
>readR($row1x['id_alternatif']);
    while ($rowrx = $stmtrx-
>fetch(PDO::FETCH_ASSOC)){
        $pdf-
>Cell(30,7,$rowrx['nilai_rangking
'],1,0,'L');
    }
    $pdf->ln();
}
$pdf->SetFont('Times','B',14);
$pdf->Cell(40,10,'Normalisasi
R',0,0,'L');
$pdf->ln();
$pdf->SetFont('Times','B',12);
    $pdf-
>Cell(40,7,'Kriteria/Alternatif',
1,0,'L');
    while ($row2y = $stmt2y-
>fetch(PDO::FETCH_ASSOC)){
        $pdf-
>Cell(30,7,$row2y['nama_kriteria'
],1,0,'L');
    }
    $pdf->ln();
    $pdf->SetFont('Times','',12);
    while ($rowly = $stmtly-
>fetch(PDO::FETCH_ASSOC)){
        $pdf-
>Cell(40,7,$rowly['nama_alternati
f'],1,0,'L');
        $stmtry = $pro-
>readR($rowly['id_alternatif']);
        while ($rowry = $stmtry-
>fetch(PDO::FETCH_ASSOC)){
            $pdf-
>Cell(30,7,number_format($rowry['
nilai_normalisasi'], 3, '.',
','),1,0,'L');
        }
        $pdf->ln();
    }
    $pdf->Cell(40,7,'Bobot',1,0,'L');
    while ($row2yx = $stmt2yx-
>fetch(PDO::FETCH_ASSOC)){
        $pdf-
>Cell(30,7,$row2yx['bobot_kriteri
a'],1,0,'L');
    }
    $pdf->ln();
    $pdf->SetFont('Times','B',14);
    $pdf->Cell(40,10,'Hasil
Akhir',0,0,'L');
    $pdf->ln();
    $pdf->SetFont('Times','B',12);
    $pdf->Cell(25,7,'K/A',1,0,'L');

```

```

while ($row2 = $stmt2-
>fetch(PDO::FETCH_ASSOC)) {
    $pdf-
>Cell(25,7,$row2['nama_kriteria']
,1,0,'L');
}
$pdf->Cell(40,7,'Hasil',1,0,'L');
$pdf->ln();
$pdf->SetFont('Times','',12);

```

```

while ($row1 = $stmt1-
>fetch(PDO::FETCH_ASSOC)) {
    $pdf-
>Cell(25,7,$row1['nama_alternatif
'],1,0,'L');
    $stmtr = $pro-
>readR($row1['id_alternatif']);
    while ($rowr = $stmtr-
>fetch(PDO::FETCH_ASSOC)) {
        $pdf-
>Cell(25,7,number_format($rowr['b
obot_normalisasi'], 3, '.',
','),1,0,'L');
    }
    $pdf-
>Cell(40,7,$row1['hasil_alternati
f'],1,0,'L');
    $pdf->ln();
}
$pdf->Output();
?>

```

12) Logout.php

```

<?php
session_start();
echo
"<script>location.href='login.
php'</script>";
session_destroy();
?>

```