

# DAFTAR LAMPIRAN

## Lampiran1. Source Code Sistem

### Indek.php

```
<?php
include 'functions.php';
if (empty($_SESSION['login']))
    header("location:login.php");
?>
<!DOCTYPE html>
<html lang="en">

<head>
<meta charset="utf-8" />
<meta http-equiv="X-UA-Compatible"
content="IE=edge" />
<meta name="viewport"
content="width=device-width, initial-
scale=1" />
<link rel="icon" href="dinda.ico" />
<link
href="assets/css/bootstrap.min.css"
rel="stylesheet">
<link rel="stylesheet"
href="assets/css/font-awesome.min.css">
<link href="assets/css/general.css"
rel="stylesheet" />
<script
src="assets/js/jquery.min.js"></script>
<script
src="assets/js/bootstrap.min.js"></script>
<script
src="assets/js/highcharts.js"></script>
<script
src="assets/js/exporting.js"></script>
</head>

<title>APLIKASI DINDA AYU
VERANIKA</title>
<br>
<div class="row">
    <div class="col-xs-12 col-sm-12
col-md-2">
        <?php
            include_once 'sidebar.php';
        ?>
    </div>
<div class="container2">
<?php
if (file_exists($mod . '.php'))
    include $mod . '.php';
else
    include 'home.php';
```

```
?>
</div>
<footer class="footer bg-primary">
    <div class="container">
        <p> &copy; <?= date('Y') ?> Dinda
Ayu Veranika <span class="pull-right">
NIM (18532897)</span></p>
    </div>
</footer>
<script type="text/javascript">
    $('form-
control').attr('autocomplete', 'off');
</script>
</body>
</html>

Hitung.php
<div class="container" style="min-width:
100%">
<div class="page-header">
<h1>Perhitungan</h1>
</div>
<div class="col-xs-12 col-sm-12 col-md-
10">
    <div id="container2"
style="min-width: 100%;height: 20px;
margin: 0 auto"></div>
<div class="panel panel-primary">
    <div class="panel-heading">
        <h3 class="panel-title">Mengukur
Konsistensi Kriteria</h3>
    </div>
<div class="panel-body">
        <div class="panel panel-default">
            <div class="panel-heading">
                <h3 class="panel-
title">Matriks Perbandingan Kriteria</h3>
            </div>
            <div class="table-
responsive">
                <table class="table
table-bordered table-striped table-
hover">
                    <thead>
                        <tr>
                            <th>Kode</th>
                            <th>Nama</th>
                        </tr>
                    </thead>
                </table>
            </div>
        </div>
    </div>
</div>
<?php
```



```

                                <td><?=  

round($v, 3) ?></td>                                $nRI[count($matriks)];  

                                <?php  

endforeach ?>                                        $CR = $CI / $RI;  

                                                echo "<p>Consistency  

                                                Index: " . round($CI, 3) . "<br />";  

                                                echo "Ratio Index: " .  

round(array_sum($val), 3) ?></td>                    round($RI, 3) . "<br />";  

                                                echo "Consistency Ratio:  

                                                " . round($CR, 3);  

round($cm[$key], 3) ?></td>                            if ($CR > 0.10) {  

                                                echo " (Tidak  

                                                konsisten)<br />";  

                                                } else {  

                                                echo " (Konsisten)<br  

                                </tr>  

                                <?php endforeach ?>  

                                </table>  

                                </div>  

                                <div class="panel-body">  

                                Berikut tabel ratio index  

berdasarkan ordo matriks.  

                                </div>  

                                <div class="table-  

responsive">                                        </div>  

                                <table class="table  

table-bordered table-striped table-  

hover">                                            </div>  

                                <tr>                                                    </div>  

                                <th>Ordo  

matriks</th>                                       <div class="panel panel-primary">  

                                                <div class="panel-heading">  

                                                <h3 class="panel-title">Hasil  

                                                Analisa</h3>  

                                                </div>  

                                                <div class="table-responsive">  

                                                <table class="table table-  

bordered table-hover table-striped">  

                                                <thead>  

                                                <tr>  

                                                <th>Kode</th>  

                                                <th>Nama  

                                                Alternatif</th>  

                                                <?php foreach  

($KRITERIA as $key => $val) : ?>  

                                                <th><?=$ $val  

                                                ?></th>  

                                                <?php endforeach ?>  

                                                </tr>  

                                                </thead>  

                                                <?php  

                                                $data = get_rel_alternatif();  

                                                foreach ($data as $key =>  

                                                $val) : ?>  

                                                <tr>  

                                                <td><?=$ $key ?></td>  

                                                <td><?=  

$ALTERNATIF[$key] ?></td>  

                                                <?php foreach ($val  

as $k => $v) : ?>  

                                                <td><?=  

$SUB[$v]['nama'] ?></td>  

                                                <?php endforeach ?>  

                                                </tr>  

                                                <?php endforeach; ?>  

                                                </table>  

                                                </div>  

                                </div>  

                                <?php  

                                $CI = ((array_sum($cm) /  

count($cm)) - count($cm)) / (count($cm) -  

0);

```



```

<?php
function get_hasil_bobot($data)
{
    global $SUB;
    $arr = array();
    foreach ($data as $key => $val) {
        foreach ($val as $k => $v) {
            $arr[$key][$k] =
$SUB[$v]['nilai_sub'];
        }
    }
    return $arr;
}
$hasil_bobot = get_hasil_bobot($data);
?>
<div class="panel panel-primary">
    <div class="panel-heading">
        <h3 class="panel-title">Hasil
Pembobotan</h3>
    </div>
    <div class="table-responsive">
        <table class="table table-
bordered table-hover table-striped">
            <thead>
                <tr>
                    <th rowspan="2">Kode</th>
                    <th rowspan="2">Nama
Alternatif</th>
                    <th><?php foreach
($KRITERIA as $key => $val) : ?>
?></th>
                </tr>
                <tr>
                    <th><?php foreach
($KRITERIA as $key => $val) : ?>
round($val, 4) ?></th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td><?php
foreach ($hasil_bobot as $key
=> $val) : ?>
                <tr>
                    <td><?=$key ?></td>
                    <td><?=$
$ALTERNATIF[$key] ?></td>
                    <td><?php foreach ($val
as $k => $v) : ?>
4) ?></td>
                </tr>
            </tbody>
        </table>
    </div>
</div>
<div class="panel panel-primary">
    <div class="panel-heading">
        <h3 class="panel-
title">Perangkingan</h3>
    </div>
    <div class="table-responsive">
        <table class="table table-hover
table-bordered table-striped">
            <thead>
                <tr>
                    <th>Ranking</th>
                    <th>Kode</th>
                    <th>Nama</th>
                    <th>Total</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td><?php
function
get_total($hasil_bobot, $rata)
{
    global $SUB;
    $arr = array();
    foreach ($hasil_bobot as
$key => $val) {
        foreach ($val as $k
=> $v) {
            $arr[$key] += $v
* $rata[$k];
        }
    }
    return $arr;
}
$total =
get_total($hasil_bobot, $rata);
FAHP_save($total);
$rows = $db-
>get_results("SELECT * FROM tb_alternatif
ORDER BY total DESC");
foreach ($rows as $row) : ?>
                <tr>
                    <td><?=$row->rank
?></td>
                    <td><?=$row-
>kode_alternatif ?></td>
                    <td><?=$row-
>nama_alternatif ?></td>
                    <td><?=$row->
total, 4) ?></td>
                </tr>
            </tbody>
        </table>
    </div>
    <div class="panel-body">
        <?php
        $best = $rows[0]-
>kode_alternatif;
        ?>

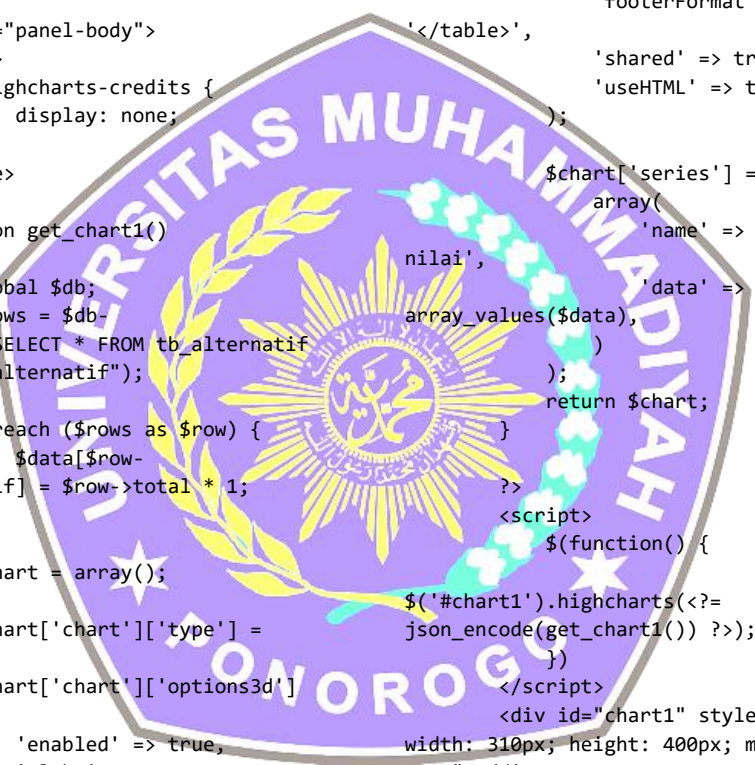
```



```

        <p>Jadi pilihan terbaik adalah
<strong><?=$ALTERNATIF[$best]
?></strong> dengan nilai <strong><?=$
round($total[$best], 3) ?></strong></p>
        <p><a class="btn btn-default"
target="_blank"
href="cetak.php?m=hitung"><span
class="glyphicon glyphicon-print"></span>
Cetak</a></p>
    </div>
</div>
<div class="panel panel-primary">
    <div class="panel-heading">
        <h3 class="panel-
title">Grafik</h3>
    </div>
    <div class="panel-body">
        <style>
            .highcharts-credits {
                display: none;
            }
        </style>
        <?php
function get_chart1()
{
    global $db;
    $rows = $db-
>get_results("SELECT * FROM tb_alternatif
ORDER BY kode_alternatif");
    foreach ($rows as $row) {
        $data[$row-
>nama_alternatif] = $row->total * 1;
    }
    $chart = array();
    $chart['chart']['type'] =
'column';
    $chart['chart']['options3d']
= array(
        'enabled' => true,
        'alpha' => 15,
        'beta' => 15,
        'depth' => 50,
        'viewDistance' => 25,
    );
    $chart['title']['text'] =
'Grafik Hasil Perangkingan';
    $chart['plotOptions'] =
array(
        'column' => array(
            'depth' => 25,
        )
    );
    $chart['xAxis'] = array(
        'categories' =>
array_keys($data),
    );
    $chart['yAxis'] = array(
        'min' => 0,
        'title' => array('text'
=> 'Total'),
    );
    $chart['tooltip'] = array(
        'headerFormat' => '<span
style="font-
size:10px">{point.key}</span><table>',
        'pointFormat' => '<tr><td
style="color:{series.color};padding:0">{s
eries.name}: </td>
        <td
style="padding:0"><b>{point.y:.3f}</b></t
d></tr>',
        'footerFormat' =>
'</table>',
        'shared' => true,
        'useHTML' => true,
    );
    $chart['series'] = array(
        array(
            'name' => 'Total
nilai',
            'data' =>
array_values($data),
        )
    );
    return $chart;
}
</script>
$(function() {
    $('#chart1').highcharts(<?=$
json_encode(get_chart1()) ?>);
})
</script>
<div id="chart1" style="min-
width: 310px; height: 400px; margin: 0
auto"></div>
</div>
</div>
<div class="col-xs-12 col-sm-12 col-md-
10">
    <div id="container2"
style="min-width: 100%; height: 20px;
margin: 0 auto"></div>

```



**Alternatif.php**

```

<div class="container" style="min-width:
100%">
<div class="page-header">
    <h1>Alternatif</h1>
</div>
<div class="col-xs-12 col-sm-12 col-md-
10">
    <div id="container2"
style="min-width: 100%; height: 20px;
margin: 0 auto"></div>

```



```

class="glyphicon glyphicon-plus"></span>
Tambah</a>
    </div>
    <div class="form-group">
        <a class="btn btn-
default" href="cetak.php?m=kriteria&a=<?=$_GET['q'] ?>" target="_blank"><span
class="glyphicon glyphicon-print"></span>
Cetak</a>
    </div>
</form>
</div>
<div class="table-responsive">
<table class="table table-
bordered table-hover table-striped">
<thead>
<tr>
<th>No</th>
<th>Kode</th>
<th>Nama
Kriteria</th>
<th>Aksi</th>
</tr>
</thead>
<?php
$q = esc_field($_GET['q']);
$rows = $db-
>get_results("SELECT * FROM tb_kriteria
WHERE nama_kriteria LIKE '%$q%' ORDER BY
kode_kriteria");
$no = 0;
foreach ($rows as $row) : ?>
<tr>
<td><?=$no ?></td>
<td><?=$row-
>kode_kriteria ?></td>
<td><?=$row-
>nama_kriteria ?></td>
<td>
<a class="btn
btn-xs btn-warning"
href="?m=kriteria_ubah&ID=<?=$row-
>kode_kriteria ?>"><span class="glyphicon
glyphicon-edit"></span></a>
<a class="btn
btn-xs btn-danger"
href="aksi.php?act=kriteria_hapus&ID=<?=$row-
>kode_kriteria ?>" onclick="return
confirm('Hapus data?')"><span
class="glyphicon glyphicon-
trash"></span></a>
</td>
</tr>
<?php endforeach ?>
</table>
</div>
</div>

```

### Sub.php

```

<div class="container" style="min-width:
100%">
<div class="page-header">
<h1>Sub</h1>
</div>

<div class="col-xs-12 col-sm-12 col-md-
10">
    <div id="container2"
style="min-width: 100%; height: 20px;
margin: 0 auto"></div>
<div class="panel panel-default">
<div class="panel-heading">
<form class="form-inline">
<input type="hidden" name="m"
value="sub" />
<div class="form-group">
<input class="form-
control" type="text"
placeholder="Pencarian. . ." name="q"
value="<?=$_GET['q'] ?>" />
</div>
<div class="form-group">
<button class="btn btn-
success"><span class="glyphicon
glyphicon-refresh"></span>
Refresh</button>
</div>
<div class="form-group">
<a class="btn btn-
primary" href="?m=sub_tambah"><span
class="glyphicon glyphicon-plus"></span>
Tambah</a>
</div>
<div class="form-group">
<a class="btn btn-
default" href="cetak.php?m=sub&a=<?=$_GET['q'] ?>" target="_blank"><span
class="glyphicon glyphicon-print"></span>
Cetak</a>
</div>
</form>
</div>
</div>
<div class="table-responsive">
<table class="table table-
bordered table-hover table-striped">
<thead>
<tr>
<th>No</th>
<th>Kriteria</th>
<th>Kode</th>
<th>Nama sub</th>
<th>Aksi</th>
</tr>
</thead>
<?php
$q = esc_field($_GET['q']);

```

```

        $rows = $db-
>get_results("SELECT * FROM tb_sub s
            INNER JOIN tb_kriteria k
ON s.kode_kriteria=k.kode_kriteria
            WHERE nama_sub LIKE
            '%$q%' ORDER BY k.kode_kriteria,
s.kode_sub");
        $no = 0;
        foreach ($rows as $row) : ?>
            <tr>
                <td><?= ++$no ?></td>
                <td><?= $row-
>nama_kriteria ?></td>
                <td><?= $row-
>kode_sub ?></td>
                <td><?= $row-
>nama_sub ?></td>
            <td>
                <a class="btn
btn-xs btn-warning"
href="?m=sub_ubah&ID=<?= $row->kode_sub
?>"><span class="glyphicon glyphicon-
edit"></span></a>
                <a class="btn
btn-xs btn-danger"
href="aksi.php?act=sub_hapus&ID=<?= $row-
>kode_sub ?>" onclick="return
confirm('Hapus data?')"><span
class="glyphicon glyphicon-
trash"></span></a>
            </td>
        </tr>
        <?php endforeach ?>
    </table>
</div>
</div>
</div>

```

**Ini.php**

```

    <div class="row">
        <div class="col-xs-12 col-
sm-12 col-md-2">
            </div>
        <div class="col-xs-12 col-
sm-12 col-md-10">
            <div id="container2"
style="min-width: 100%; height:
400px; margin: 0 auto"></div>
            <br/>
            <div class="row">
                <div class="col-xs-12 col-
sm-12 col-md-4">
                    <div class="panel panel-
default">
                        <div class="panel-
heading">
                            <h3 class="panel-
title">Skor Alternatif & Hasil</h3>

```

```

                                </div>
                                <div class="panel-
body">
                                    <ol>
                                        <?php
                                        while ($row2 =
$stmt2->fetch(PDO::FETCH_ASSOC)){
                                            ?>
                                        <li><?php echo
$row2['nama_kriteria'] ?></li>
                                        <?php
                                        }
                                        ?>
                                    </ol>
                                </div>
                            </div>
                        </div>
                    </div>
                <div class="col-xs-12 col-
sm-12 col-md-4">
                    <div class="panel panel-
default">
                        <div class="panel-
heading">
                            <h3 class="panel-
title">Kriteria & Bobot</h3>
                                </div>
                                <div class="panel-
body">
                                    <ol>
                                        <?php
                                        while ($row3 =
$stmt3->fetch(PDO::FETCH_ASSOC)){
                                            ?>
                                        <li><?php echo
$row3['ket_nilai'] ?> (<?php echo
$row3['jum_nilai'] ?>)</li>
                                        <?php
                                        }
                                        ?>
                                    </ol>
                                </div>
                            </div>
                        </div>
                    </div>
                <div class="col-xs-12 col-
sm-12 col-md-4">
                    <div class="panel panel-
default">
                        <div class="panel-
heading">
                            <h3 class="panel-
title">Nilai Preferensi</h3>
                                </div>
                                <div class="panel-
body">
                                    <ol>
                                        <?php
                                        while ($row3 =
$stmt3->fetch(PDO::FETCH_ASSOC)){
                                            ?>
                                        <li><?php echo
$row3['ket_nilai'] ?> (<?php echo
$row3['jum_nilai'] ?>)</li>
                                        <?php
                                        }
                                        ?>
                                    </ol>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```



