

LAMPIRAN

Source code untuk halaman *login*:

```

<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <title>DSS Moora | Login</title>
  <!-- Tell the browser to be responsive to screen width -->
  <meta content="width=device-width, initial-scale=1, maximum-scale=1,
user-scalable=no" name="viewport">
  <!-- iCheck -->

  <link href="<?php echo base_url('assets/css/bootstrap.min.css'); ?>"
rel="stylesheet">
  <link href="<?php echo base_url('assets/css/font-awesome.min.css'); ?>"
rel="stylesheet">
  <link href="<?php echo base_url('assets/css/ionicons.min.css'); ?>"
rel="stylesheet">
  <link href="<?php echo base_url('assets/css/AdminLTE.min.css'); ?>"
rel="stylesheet">
  <!-- HTML5 Shim and Respond.js IE8 support of HTML5 elements and media
queries -->
  <!-- WARNING: Respond.js doesn't work if you view the page via file://
-->
  <!--[if lt IE 9]>
  <script
src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
  <script
src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
  <![endif]-->

  <!-- Google Font -->
  <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,600
,700,300italic,400italic,600italic">
</head>
<body class="hold-transition login-page" style="background-image:
url(<?php echo base_url('assets/image/bg.jpg'); ?>);">
<div class="login-box">

```

```

<div class="login-logo">
  <br>
  <a href="<?php echo base_url(); ?>"><b>SPK</b>Moora</a>
</div>
<!-- /.login-logo -->
<div class="login-box-body" style="background: #000000bd">
  <p class="login-box-msg" style="color: white">Masuk dan Kelola Data
Calon Penerima Beasiswa</p>

  <?php echo form_open('login/admin') ?>
  <?php echo $this->session->flashdata('pesan'); ?>
  <div class="form-group has-feedback">
    <input type="text" class="form-control" placeholder="Username"
name="username" >
    <span class="glyphicon glyphicon-user form-control-
feedback"></span>
  </div>
  <div class="form-group has-feedback">
    <input type="password" class="form-control"
placeholder="Password" name="password">
    <span class="glyphicon glyphicon-lock form-control-
feedback"></span>
  </div>
  <div class="row">
    <div class="col-xs-8">
    </div>
    <!-- /.col -->
    <div class="col-xs-4">
      <button type="submit" class="btn btn-primary btn-block btn-
flat" name="proses">Sign In</button>
    </div>
    <!-- /.col -->
  </div>
  <?php echo form_close(); ?>

</div>
<!-- /.login-box-body -->
</div>

```

```

<!-- /.login-box -->

<script type="text/javascript" src="<?php echo
base_url('assets/js/jquery.min.js') ?>"></script>
<script type="text/javascript" src="<?php echo
base_url('assets/js/bootstrap.min.js') ?>"></script>

</body>
</html>

```

Source code untuk halaman utama:

```

<div class="row">
  <ol class="breadcrumb">
    <li><a href="#">
      <em class="fa fa-home"></em>
    </a></li>
    <li class="active">Dashboard</li>
  </ol>
</div><!--/.row-->

<div class="row">
  <div class="col-lg-12 col-md-12 col-sm-12" style="margin-top: 5vh;">
    <center></center>
    <h2 align="center" style="font-weight: bold; color: green">Selamat
Datang di Aplikasi Sistem Pendukung Keputusan</h2>
    <h2 align="center" style="font-weight: bold; color:
green">Rekomendasi Penerimaan Dana BSM</h2>
    <h1 align="center" style="font-weight: bold; color: green">SMA
Islamiyah Bawean</h1>
    <h1 align="center" style="color: green">Menggunakan Metode
Moora</h1>
  </div>
</div><!--/.row-->

<script>

```

```

$(document).ready(function() {

    $("#menu-home").addClass("active");
});

</script>

```

Source code untuk Halaman Data Siswa:

```

<div class="row">
<ol class="breadcrumb">
    <li><a href="<?php echo base_url(); ?>"><i class="fa fa-
dashboard"></i> Home</a></li>
    <li class="active">Data Siswa</li>
</ol>
</div><!--/.row-->

<div class="row">
<div class="col-lg-12">
    <h1 class="page-header">Data Siswa <small>Moora</small></h1>
</div>
</div><!--/.row-->

<div class="box box-default color-palette-box">
<div class="box-body">
<div class="right_col" role="main">
<div class="row">
<div class="col-md-12 col-sm-12 col-xs-12">
<div class="x_panel">
<div class="x_content">
<div class="col-md-12 col-sm-12 col-xs-12">
<button class="btn btn-sm btn-success" data-
toggle="modal" data-target="#modal-add-user"><i class="fa fa-plus"></i>
Tambah Siswa </button>
<button class="btn btn-sm btn-success"
onclick="ambil_siswa();"><i class="fa fa-refresh"></i> Refresh Data
</button>

<p>&nbsp;</p>

```

```

        <table id="user" class="table table-striped table-
bordered">
            <thead>
                <tr>
                    <th>No</th>
                    <th>Nama Siswa</th>
                    <th>Penghasilan Orang Tua (C1)</th>
                    <th>Tanggungans (C2)</th>
                    <th>Absensi (C3)</th>
                    <th>Nilai Rata-rata (C4)</th>
                    <th>Aksi</th>
                </tr>
            </thead>
        </table>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<!-- /.box -->

<div class="modal fade bs-example-modal-lg" id="modal-add-user"
tabindex="-1" role="dialog" aria-hidden="true">
    <div class="modal-dialog modal-lg" style="width: 50%">
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-dismiss="modal"><span
aria-hidden="true">x</span>
            </button>
            <h4 class="modal-title" id="myModalLabel">Tambah Siswa Baru</h4>
        </div>
        <div class="modal-body">
            <form id="add-user" class="form-horizontal form-label-left">
                <div class="form-group">
                    <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Nama Siswa</label>
                    <div class="col-md-9 col-sm-6 col-xs-12">
                        <input type="text" id="nama_siswa" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nama Siswa">

```

```
</div>
</div>

<div class="form-group">
  <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Penghasilan Orang Tua (C1)</label>
  <div class="col-md-9 col-sm-6 col-xs-12">
    <input type="number" id="c1" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi Rumah
(C1)">
  </div>
</div>

<div class="form-group">
  <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Tanggungans (C2)</label>
  <div class="col-md-9 col-sm-6 col-xs-12">
    <input type="number" id="c2" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi
Ekonomi (C2)">
  </div>
</div>

<div class="form-group">
  <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Absensi (C3)</label>
  <div class="col-md-9 col-sm-6 col-xs-12">
    <input type="number" id="c3" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi Fisik
& Tanggungans (C3)">
  </div>
</div>

<div class="form-group">
  <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Nilai Rata-rata Rapor (C4)</label>
  <div class="col-md-9 col-sm-6 col-xs-12">
    <input type="number" id="c3" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi Fisik
& Tanggungans (C3)">
  </div>
</div>
```

```

        </div>
        <div class="modal-footer">
            <button type="button" class="btn btn-default" data-
dismiss="modal">Batal</button>
            <button type="submit" id="simpan" class="btn btn-
primary">Simpan</button>
        </div>
    </form>
</div>
</div>
</div>
</div>

<div class="modal fade bs-example-modal-lg" id="modal-edit-user"
tabindex="-1" role="dialog" aria-hidden="true">
    <div class="modal-dialog modal-lg" style="width: 50%">
        <div class="modal-content">
            <div class="modal-header">
                <button type="button" class="close" data-dismiss="modal"><span
aria-hidden="true">x</span>
            </button>
            <h4 class="modal-title" id="myModalLabel">Edit Siswa</h4>
        </div>
        <div class="modal-body">
            <form id="edit-user" class="form-horizontal form-label-left">
                <div class="form-group">
                    <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Nama Siswa</label>
                    <div class="col-md-9 col-sm-6 col-xs-12">
                        <input type="hidden" id="edit_id_siswa" required="">
                        <input type="text" id="edit_nama_siswa" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nama Siswa">
                    </div>
                </div>
                <div class="form-group">
                    <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Penghasilan Orang Tua (C1)</label>
                    <div class="col-md-9 col-sm-6 col-xs-12">
                        <input type="number" id="edit_c1" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi Rumah
(C1)">
                    </div>
                </div>
            </form>
        </div>
    </div>
</div>

```

```

        </div>
    </div>

    <div class="form-group">
        <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Tanggung (C2)</label>
        <div class="col-md-9 col-sm-6 col-xs-12">
            <input type="number" id="edit_c2" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi
Ekonomi (C2)">
        </div>
    </div>

    <div class="form-group">
        <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Abesnsi (C3)</label>
        <div class="col-md-9 col-sm-6 col-xs-12">
            <input type="number" id="edit_c3" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi Fisik
& Tanggungan (C3)">
        </div>
    </div>

    <div class="form-group">
        <label class="control-label col-md-2 col-sm-3 col-xs-12"
for="first-name">Nilai Rata-rata Rapor (C4)</label>
        <div class="col-md-9 col-sm-6 col-xs-12">
            <input type="number" id="edit_c3" required="required"
class="form-control col-md-7 col-xs-12" placeholder="Nilai Kondisi Fisik
& Tanggungan (C3)">
        </div>
    </div>
</div>
<div class="modal-footer">
    <button type="button" class="btn btn-default" data-
dismiss="modal">Batal</button>
    <button type="submit" class="btn btn-primary">Simpan</button>
</div>
</form>
</div>
</div>

```



```
<script type="text/javascript" src="<?php echo
base_url('assets/js/sweetalert.min.js') ?>"></script>
<script type="text/javascript">
    $(document).ready(function(){
        $("#menu-master").addClass("active");
        ambil_siswa();
    });

    $('#add-user').on('submit', function(e){
        e.preventDefault();
        $.ajax({
            url : base_url+'api/siswa/add/',
            type : 'POST',
            header: {'Content-Type': 'application/x-www-form-urlencoded'},
            data : {
                'nama_siswa' : $('#nama_siswa').val(),
                'c1' : $('#c1').val(),
                'c2' : $('#c2').val(),
                'c3' : $('#c3').val(),
                'c4' : $('#c4').val(),
            },
            dataType: 'JSON',
            success: function (data){
                if(data.status == "success"){
                    $('#nama_siswa, #c1, #c2, #c3, #c4').val('');
                    $('#modal').modal('hide');
                    ambil_siswa();
                    new PNotify({
                        title: 'Penambahan Berhasil',
                        text: 'Tambah Siswa Baru Berhasil',
                        type: 'success',
                        styling: 'bootstrap3'
                    });
                } else {
                    new PNotify({
                        title: 'Penambahan Gagal',
                        text: data.message,
                        type: 'danger',
                        styling: 'bootstrap3'
                    });
                }
            }
        });
    });

```

```

    }
  });
});

function ambil_siswa(){
  $('#user').dataTable({
    destroy: true,
    serverSide: false,
    processing: false,
    paging: true,
    lengthChange: true,
    searching: true,
    ordering: true,
    scrollY: '40vh',
    scrollCollapse: true,
    language: { "sEmptyTable": "Tidak Terdapat Data" },
    columnDefs: [
      { "width": "10%", "targets": 6 }
    ],
    columns : [
      { data : 'no' },
      { data : 'nama_siswa' },
      { data : 'c1' },
      { data : 'c2' },
      { data : 'c3' },
      { data : 'c4' },
      { data : 'aksi' },
    ],
    ajax : {
      url: base_url+'api/siswa/',
      type: 'GET',
      headers: {
        'Content-Type' : 'application/x-www-form-urlencoded'
      },
      dataType : 'JSON',
      dataSrc : function(data){
        if(data.response == "error"){
          var return_data = new Array();
          for(var a = 0;a<data.data.length;a++){
            return_data.push({
              'no' : '-',
              'nama_siswa' : '-',

```

```

        'c1' : '-',
        'c2' : '-',
        'c3' : '-',
        'c4' : '-',
        'aksi' : '-',
    })
}
return return_data;
} else {
    var b = 1;
    var return_data = new Array();
    for(var a = 0;a<data.data.length;a++){
        x = data.data[a].id_siswa;
        return_data.push({
            'no' : b,
            'nama_siswa' : data.data[a].nama_siswa,
            'c1' : data.data[a].c1,
            'c2' : data.data[a].c2,
            'c3' : data.data[a].c3,
            'c4' : data.data[a].c4,
            'aksi' : '<center><button
onclick="detail_user(\''+x+'\')" type="button" class="btn btn-sm btn-
round btn-warning"> <i class="fa fa-pencil"></i></button>&nbsp;<button
type="button" onclick="delete_user(\''+x+'\')" class="btn btn-sm btn-
round btn-danger"> <i class="fa fa-trash"></i></button></center>',
        })
        b++;
    }
    return return_data;
}
}
});
}

function detail_user(id_siswa){
    $('#modal-edit-user').modal('show');
    $.ajax({
        url: base_url+'api/siswa/detail/'+id_siswa,
        type: 'GET',
        headers: {
            'Content-Type' : 'application/x-www-form-urlencoded',

```

```

    },
    dataType: 'JSON',
    success: function(data){
        $('#edit_id_siswa').val(data.data[0].id_siswa);
        $('#edit_nama_siswa').val(data.data[0].nama_siswa);
        $('#edit_c1').val(data.data[0].c1);
        $('#edit_c2').val(data.data[0].c2);
        $('#edit_c3').val(data.data[0].c3);
        $('#edit_c4').val(data.data[0].c4);
    }
});
}

$('#edit-user').on('submit', function(e){
    e.preventDefault();
    $.ajax({
        url : base_url+'api/siswa/edit/',
        type : 'PUT',
        header: {'Content-Type': 'application/x-www-form-urlencoded'},
        data : {
            'id_siswa' : $('#edit_id_siswa').val(),
            'nama_siswa' : $('#edit_nama_siswa').val(),
            'c1' : $('#edit_c1').val(),
            'c2' : $('#edit_c2').val(),
            'c3' : $('#edit_c3').val(),
            'c4' : $('#edit_c4').val(),
        },
        dataType: 'JSON',
        success: function (data){
            if(data.status == "success"){
                $('#edit_nama_siswa, #edit_c1, #edit_c2, #edit_c3,
#edit_c4').val('');
                $('#.modal').modal('hide');
                ambil_siswa();
                new PNotify({
                    title: 'Ubah Data Berhasil',
                    text: 'Ubah Data Siswa Berhasil',
                    type: 'success',
                    styling: 'bootstrap3'
                });
            } else {
                new PNotify({

```

```

        title: 'Pengubahan Gagal',
        text: data.message,
        type: 'danger',
        styling: 'bootstrap3'
    });
    }
}
});
});

function delete_user(id_siswa){
    swal({
        title: 'Apakah Yakin Menghapus ?',
        text: "Apakah anda yakin untuk menghapus data ini",
        type: 'warning',
        showCancelButton: true,
        confirmButtonColor: '#3085d6',
        cancelButtonColor: '#d33',
        confirmButtonText: 'Hapus',
        closeOnCancel: true
    }, function (isConfirm) {
        if(isConfirm){
            $.ajax({
                url: base_url+'api/siswa/',
                type: 'DELETE',
                data: {
                    "id_siswa" : id_siswa
                }, headers: {
                    'Content-Type': 'application/x-www-form-urlencoded',
                },
                dataType: "JSON",
                success: function (data) {
                    new PNotify({
                        title: 'Hapus Berhasil',
                        text: 'Hapus Data Siswa Berhasil',
                        type: 'success',
                        styling: 'bootstrap3'
                    });
                    ambil_siswa();
                }
            })
        }
    })
}

```

```
        });  
    }  
</script>
```

Source code Halaman Perhitungan:

```
<style type="text/css">  
.act-btn{  
    background:#30a5ff;  
    display: none;  
    width: 280px;  
    height: 50px;  
    line-height: 50px;  
    text-align: center;  
    color: white;  
    font-size: 20px;  
    font-weight: bold;  
    border-radius: 5%;  
    -webkit-border-radius: 5%;  
    text-decoration: none;  
    transition: ease all 0.3s;  
    position: fixed;  
    right: 30px;  
    bottom:30px;  
    z-index: 1000;  
}  
  
.act-btn:hover{background: #0093c7}  
</style>  
  
<button onclick="mulai_perhitungan();" id="btnMulai" class="act-btn">  
    <i class="fa fa-calculator"></i>&nbsp;Mulai Perhitungan  
</button>  
  
<div class="row">  
    <ol class="breadcrumb">  
        <li><a href="<?php echo base_url(); ?>"><i class="fa fa-  
dashboard"></i> Home</a></li>  
        <li class="active">Perhitungan</li>  
    </ol>  
</div><!--/.row-->
```

```

<div class="row">
  <div class="col-lg-12">
    <h1 class="page-header">Perhitungan <small>Moora</small></h1>
  </div>
</div><!--/.row-->

<!-- Small boxes (Stat box) -->
<div class="row">
  <div class="col-lg-12 col-xs-12">
    <!-- small box -->
    <button onclick="mulai_perhitungan();" id="btnMulai" class="btn btn-primary" style="width: 100%; height: 75px; font-size: 20px;">
      <i class="fa fa-calculator"></i>&nbsp;Mulai Perhitungan
    </button>
  </div>
</div>

<!-- Tabel Kriteria Penerima Zakat -->
<div class="box box-default color-palette-box">
  <div class="box-header with-border">
    <h2 class="box-title">Kriteria</h2>
  </div>
  <div class="box-body">
    <div class="right_col" role="main">
      <div class="row">
        <div class="col-md-12 col-sm-12 col-xs-12">
          <div class="x_panel">
            <div class="x_content">
              <div class="col-md-12 col-sm-12 col-xs-12">
                <table class="table table-striped table-bordered">
                  <thead>
                    <tr>
                      <th>No</th>
                      <th>Kriteria</th>
                      <th>Keterangan</th>
                      <th>Bobot</th>
                      <th>Jenis</th>
                    </tr>
                  </thead>
                  <tbody>

```

```

<tr>
  <td>1</td>
  <td>C1</td>
  <td>Penghasilan Orang Tua</td>
  <td>40 %</td>
  <td>Cost</td>
</tr>
<tr>
  <td>2</td>
  <td>C2</td>
  <td>Tanggung</td>
  <td>25 %</td>
  <td>Benefit</td>
</tr>
<tr>
  <td>3</td>
  <td>C3</td>
  <td>Absensi Siswa</td>
  <td>20 %</td>
  <td>Benefit</td>
</tr>
<tr>
  <td>4</td>
  <td>C4</td>
  <td>Nilai Rata-rata Rapor</td>
  <td>15 %</td>
  <td>Benefit</td>
</tr>
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

```

```

<!-- Tabel Data Calon Penerima Zakat -->
<div class="box box-default color-palette-box">
  <div class="box-header with-border">

```



```

    <h2 class="box-title">Data Siswa</h2>
  </div>
  <div class="box-body">
    <div class="right_col" role="main">
      <div class="row">
        <div class="col-md-12 col-sm-12 col-xs-12">
          <div class="x_panel">
            <div class="x_content">
              <div class="col-md-12 col-sm-12 col-xs-12">
                <table id="user" class="table table-striped table-
bordered">
                  <thead>
                    <tr>
                      <th>No</th>
                      <th>Nama Siswa</th>
                      <th>Penghasilan Orang Tua (C1)</th>
                      <th>Tanggungan (C2)</th>
                      <th>Absensi Siswa (C3)</th>
                      <th>Nilai Rata-rata Rapor (C4)</th>
                    </tr>
                  </thead>
                </table>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

<!-- Tabel Matriks Normalisasi -->
<div class="box box-default color-palette-box">
  <div class="box-header with-border">
    <h2 class="box-title">Matriks Data Ter-Normalisasi</h2>
  </div>
  <div class="box-body">
    <div class="right_col" role="main">
      <div class="row">
        <div class="col-md-12 col-sm-12 col-xs-12">
          <div class="x_panel">
            <div class="x_content">

```

```

<div class="col-md-12 col-sm-12 col-xs-12">
  <table id="tabel_normalisasi" class="table table-
striped table-bordered">
    <thead>
      <tr>
        <th>No</th>
        <th>Nama Siswa</th>
        <th>Penghasilan Orang Tua (C1)</th>
        <th>Tanggungans (C2)</th>
        <th>Absensi Siswa (C3)</th>
        <th>Nilai Rata-rata Rapor (C4)</th>
      </tr>
    </thead>
    <tbody id="matriks_normalisasi">
      <tr>
        <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
        <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
        <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
        <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
        <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
        <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
      </tr>
    </tbody>
  </table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

<!-- Tabel Matriks Terbobot -->
<div class="box box-default color-palette-box">
  <div class="box-header with-border">

```

```

<h2 class="box-title">Matriks Data Ter-Bobot</h2>
</div>
<div class="box-body">
  <div class="right_col" role="main">
    <div class="row">
      <div class="col-md-12 col-sm-12 col-xs-12">
        <div class="x_panel">
          <div class="x_content">
            <div class="col-md-12 col-sm-12 col-xs-12">
              <table id="tabel_terbobot" class="table table-
striped table-bordered">
                <thead>
                  <tr>
                    <th>No</th>
                    <th>Nama Siswa</th>
                    <th>Penghasilan Orang Tua (C1)</th>
                    <th>Tanggungan (C2)</th>
                    <th>Absensi Siswa (C3)</th>
                    <th>Nilai Rata-rata Rapor (C4)</th>
                  </tr>
                </thead>
                <tbody id="matriks_terbobot">
                  <tr>
                    <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                    <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                    <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                    <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                    <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                    <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                  </tr>
                </tbody>
              </table>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>

```

```

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

<!-- Tabel Pencarian Nilai Yi -->
<div class="box box-default color-palette-box">
    <div class="box-header with-border">
        <h2 class="box-title">Pencarian Nilai Yi</h2>
    </div>
    <div class="box-body">
        <div class="right_col" role="main">
            <div class="row">
                <div class="col-md-12 col-sm-12 col-xs-12">
                    <div class="x_panel">
                        <div class="x_content">
                            <div class="col-md-12 col-sm-12 col-xs-12">
                                <table id="tabel_hasil" class="table table-striped
table-bordered">
                                    <thead>
                                        <tr>
                                            <th>No</th>
                                            <th>Alternatif</th>
                                            <th>Max (C2+C3+C4)</th>
                                            <th>Min (C1)</th>
                                            <th>Yi = Max - Min</th>
                                        </tr>
                                    </thead>
                                    <tbody id="matriks_hasil">
                                        <tr>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                                        </tr>
                                    </tbody>
                                </table>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

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

<!-- Tabel Hasil Perangkingan -->
<div class="box box-default color-palette-box">
    <div class="box-header with-border">
        <h2 class="box-title">Hasil Perangkingan</h2>
    </div>
    <div class="box-body">
        <div class="right_col" role="main">
            <div class="row">
                <div class="col-md-12 col-sm-12 col-xs-12">
                    <div class="x_panel">
                        <div class="x_content">
                            <div class="col-md-12 col-sm-12 col-xs-12">
                                <table id="tabel_rangking" class="table table-
striped table-bordered">
                                    <thead>
                                        <tr>
                                            <th>No</th>
                                            <th>Alternatif</th>
                                            <th>Max (C2+C3+C4)</th>
                                            <th>Min (0)</th>
                                            <th>Yi = Max - Min</th>
                                        </tr>
                                    </thead>
                                    <tbody id="matriks_rangking">
                                        <tr>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                                            <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>

```

```

                <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
                <td style="color: red;">(Belum Dilakukan
Perhitungan)</td>
            </tr>
        </tbody>
    </table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

<script type="text/javascript">

$(document).ready(function() {
    $("#menu-perhitungan").addClass("active");

    ambil_calon_penerima();
});

function mulai_perhitungan(){
    ambil_normalisasi();
    ambil_terbobot();
    ambil_hasil();
    ambil_rangking();

}

function ambil_calon_penerima(){
    $('#user').dataTable({
        destroy: true,
        serverSide: false,
        processing: false,
        paging: true,
        lengthChange: true,
        iDisplayLength: 100,
        searching: true,

```

```
ordering: true,
scrollY: '40vh',
scrollCollapse: true,
language: { "sEmptyTable": "Tidak Terdapat Data" },
columns : [
{ data : 'no' },
{ data : 'nama_siswa' },
{ data : 'c1' },
{ data : 'c2' },
{ data : 'c3' },
{ data : 'c4' },
],
ajax : {
url: base_url+'api/siswa/',
type: 'GET',
headers: {
'Content-Type' : 'application/x-www-form-urlencoded'
},
dataType : 'JSON',
dataSrc : function(data){
if(data.response == "error"){
var return_data = new Array();
for(var a = 0;a<data.data.length;a++){
return_data.push({
'no' : '-',
'nama_siswa' : '-',
'c1' : '-',
'c2' : '-',
'c3' : '-',
'c4' : '-',
})
}
return return_data;
} else {
var b = 1;
var return_data = new Array();
for(var a = 0;a<data.data.length;a++){
x = data.data[a].id_siswa;
return_data.push({
'no' : b,
'nama_siswa' : data.data[a].nama_siswa,
'c1' : data.data[a].c1,
```

```

        'c2' : data.data[a].c2,
        'c3' : data.data[a].c3,
        'c4' : data.data[a].c4,
    })
    b++;
}
return return_data;
}
}
});
}

```

```

function ambil_normalisasi(){
$.ajax({
    url: base_url+'api/perhitungan',
    type: 'GET',
    headers: {
        'Content-Type' : 'application/x-www-form-urlencoded',
    },
    dataType: 'JSON',
    success: function(data){
        //alert(data.data["normalisasi"]["kode"]);
        var html = "";

        for (var i=0; i<data.data["normalisasi"]["kode"].length; i++){
            html += "<tr>"+
                "<td>"+(i+1)+"</td>"+
                "<td>"+data.data["normalisasi"]["kode"][i]+"</td>"+
                "<td>"+data.data["normalisasi"]["c1"][i]+"</td>"+
                "<td>"+data.data["normalisasi"]["c2"][i]+"</td>"+
                "<td>"+data.data["normalisasi"]["c3"][i]+"</td>"+
                "<td>"+data.data["normalisasi"]["c4"][i]+"</td>"+
                "</tr>";
        }

        $("#matriks_normalisasi").html(html);
    }
});

$("#tabel_normalisasi").DataTable({
    serverSide: false,

```



```

        destroy: true,
        processing: false,
        paging: true,
        lengthChange: false,
        iDisplayLength: 100,
        searching: false,
        ordering: false,
        scrollY: '40vh',
        scrollCollapse: true,
    });
}

function ambil_terbobot(){
$.ajax({
    url: base_url+'api/perhitungan',
    type: 'GET',
    headers: {
        'Content-Type' : 'application/x-www-form-urlencoded',
    },
    dataType: 'JSON',
    success: function(data){
        //alert(data.data["normalisasi"]["kode"]);
        var html = "";

        for (var i=0; i<data.data["terbobot"]["kode"].length; i++){
            html += "<tr>"+
                "<td>"+(i+1)+"</td>"+
                "<td>"+data.data["terbobot"]["kode"][i]+"</td>"+
                "<td>"+data.data["terbobot"]["c1"][i]+"</td>"+
                "<td>"+data.data["terbobot"]["c2"][i]+"</td>"+
                "<td>"+data.data["terbobot"]["c3"][i]+"</td>"+
                "<td>"+data.data["terbobot"]["c4"][i]+"</td>"+
                "</tr>";
        }

        $("#matriks_terbobot").html(html);
    }
});

$("#tabel_terbobot").DataTable({
    serverSide: false,
    destroy: true,

```

```

        processing: false,
        paging: true,
        lengthChange: false,
        iDisplayLength: 100,
        searching: false,
        ordering: false,
        scrollY: '40vh',
        scrollCollapse: true,
    });
}

function ambil_hasil(){
$.ajax({
    url: base_url+'api/perhitungan',
    type: 'GET',
    headers: {
        'Content-Type' : 'application/x-www-form-urlencoded',
    },
    dataType: 'JSON',
    success: function(data){
        var html = "";

        for (var i=0; i<data.data["hasil"]["kode"].length; i++){
            html += "<tr>"+
                "<td>"+(i+1)+"</td>"+
                    "<td>"+data.data["hasil"]["kode"][i]+"</td>"+
                    "<td>"+data.data["hasil"]["max"][i]+"</td>"+
                    "<td>"+data.data["hasil"]["min"][i]+"</td>"+
                    "<td>"+data.data["hasil"]["yi"][i]+"</td>"+
                "</tr>";
        }

        $("#matriks_hasil").html(html);
    }
});

$("#tabel_hasil").DataTable({
    serverSide: false,
    destroy: true,
    processing: false,
    paging: true,
    lengthChange: false,

```

```

        iDisplayLength: 100,
        searching: false,
        ordering: false,
        scrollY: '40vh',
        scrollCollapse: true,
    });
}

function ambil_rangking(){
    $('#tabel_rangking').dataTable({
        destroy: true,
        serverSide: false,
        processing: false,
        paging: true,
        lengthChange: false,
        iDisplayLength: 100,
        searching: false,
        ordering: true,
        columnDefs: [{
            "targets": 0,
            "sortable": false
        }],
        scrollY: '40vh',
        scrollCollapse: true,
        language: { "sEmptyTable": "Tidak Terdapat Data" },
        columns : [
            { data : 'no' },
            { data : 'alternatif' },
            { data : 'max' },
            { data : 'min' },
            { data : 'yi' },
        ],
        ajax : {
            url: base_url+'api/perhitungan/',
            type: 'GET',
            headers: {
                'Content-Type' : 'application/x-www-form-urlencoded'
            },
            dataType : 'JSON',
            dataSrc : function(data){
                if(data.response == "error"){
                    var return_data = new Array();

```

```

        for(var a = 0;a<data.data["hasil"]["kode"].length;a++){
            return_data.push({
                'no' : '-',
                'alternatif' : '-',
                'max' : '-',
                'min' : '-',
                'yi' : '-',
            })
        }
        return return_data;
    } else {
        var b = 1;
        var return_data = new Array();
        for(var a = 0;a<data.data["rangking"].length;a++){
            return_data.push({
                'no' : b,
                'alternatif' : data.data["rangking"][a]["kode"],
                'max' : data.data["rangking"][a]["yi"],
                'min' : '0',
                'yi' : data.data["rangking"][a]["yi"],
            })
            b++;
        }
        return return_data;
    }
}
});

```

```

    }
</script>
<script type="text/javascript">
    //Get the button:
    mybutton = document.getElementById("btnMulai");

    // When the user scrolls down 20px from the top of the document, show
the button
    window.onscroll = function() {scrollFunction()};
    function scrollFunction() {
        if (document.body.scrollTop > 20 ||
document.documentElement.scrollTop > 20) {
            mybutton.style.display = "block";

```



```

        <table id="user" class="table table-striped table-
bordered">
            <thead>
                <tr>
                    <th>No</th>
                    <th>Alternatif</th>
                    <th>Max (C2+C3+C4)</th>
                    <th>Min (0)</th>
                    <th>Yi = Max - Min</th>
                </tr>
            </thead>
        </table>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

<!-- /.content -->
<script type="text/javascript" src="<?php echo
base_url('assets/js/sweetalert.min.js') ?>"></script>
<script type="text/javascript">
    $(document).ready(function() {

        $("#menu-laporan").addClass("active");

        ambil_laporan();
    });

    function cetak_laporan() {
        var url = base_url+'laporan/cetak_laporan/';
        var win = window.open(url, '_blank');
        win.focus();
    }

    function ambil_laporan(id_bidang) {
        $('#user').dataTable({
            destroy: true,

```

```
serverSide: false,
processing: false,
paging: true,
lengthChange: true,
searching: true,
ordering: true,
scrollY: '40vh',
scrollCollapse: true,
language: { "sEmptyTable": "Tidak Terdapat Data" },
columns : [
  { data : 'no' },
  { data : 'alternatif' },
  { data : 'max' },
  { data : 'min'},
  { data : 'yi'},
],
ajax : {
  url: base_url+'api/perhitungan/',
  type: 'GET',
  headers: {
    'Content-Type' : 'application/x-www-form-urlencoded'
  },
  dataType : 'JSON',
  dataSrc : function(data){
    if(data.response == "error"){
      var return_data = new Array();
      for(var a = 0;a<data.data["hasil"]["kode"].length;a++){
        return_data.push({
          'no' : '-',
          'alternatif' : '-',
          'max' : '-',
          'min' : '-',
          'yi' : '-',
        })
      }
      return return_data;
    } else {
      var b = 1;
      var return_data = new Array();
      for(var a = 0;a<data.data["rangking"].length;a++){
        return_data.push({
          'no' : b,
```

```
        'alternatif' : data.data["rangking"][a]["kode"],
        'max' : data.data["rangking"][a]["yi"],
        'min' : '0',
        'yi' : data.data["rangking"][a]["yi"],
    })
    b++;
}
return return_data;
}
}
});
}
</script>
```

4.3 Pengujian Sistem

Data yang digunakan sebagai sample dalam uji coba sistem merupakan data yang diambil dari data siswa SMA Islamiyah untuk program BSM.