

LAMPIRAN

Source code halaman login pada program

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<div
class='container'>
    <img src='<?php
echo $url; ?>assets/images/logi.png' class='gambar'>
    <form
method='post'>
    <code>
    <table cellpadding='8' cellspacing='0'
border='0' style='width:100%;'>
    <tr>
    <td><label
style='width:100%;'>Username<input
class='form-control' name='user' type='text'
/></label></td>
    </tr>
    <tr>
    <td><label
style='width:100%;'>Password<input
class='form-control' name='pass' type='password'
/></label></td>
    </tr>
    <tr><td>&nbsp;</td></tr>
    <?php if(isset($salah) && $salah) { ?>
    <tr><td
style='color:#ff0000;'><center>Username / Password
salah!</center></td></tr>

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        <tr><td>&nbsp;</td></tr>

        <?php } ?>

        <tr>

                <td><button    type='submit'    class='btn
        btn-success'                                name='login'
        style='width:100%;cursor:pointer;'><i class='fa fa
        sign-in'></i>&nbsp;<Masuk</button></td>

        </tr>

</table>

</code>

</form>

</div>

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Source code halaman home pada program

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<body>
    <nav class='navbar navbar-default navbar-
    fixed-top'>
        <div class='container-fluid'>
            <div class='navbar-header'>
                <a href='<?php echo
                $url; ?>'><img src='<?php echo $url;
                ?>assets/images/home1.png'
                style='width:206px;height:50px;'></a>
                <button type='button'
                class='navbar-toggle<?php echo $salah ? "" : "
                collapsed"; ?>' data-toggle='collapse' data-
                target='#navbar' aria-expanded='<?php echo $salah ?
                "true" : "false"; ?>' aria-controls='navbar'>
                    <span class='sr-
                    only'>Toggle navigation</span>
                    <span
                    class='icon-bar'></span>
                    <span

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echo $shalaman === "perhitungan" ? "active" : ""; ?>'><a
href='<?php echo $url; ?>perhitungan'><i class='fa fa-
calculator fa-fw'></i>&nbsp;Perhitungan</a></li>
        <li class='<?php
echo $shalaman === "klasifikasi" ? "active" : ""; ?>'><a
href='<?php echo $url; ?>klasifikasi'><i class='fa fa-
bar-chart fa-fw'></i>&nbsp;Klasifikasi</a></li>
        <li class='<?php
echo $shalaman === "laporan" ? "active" : ""; ?>'><a
href='<?php echo $url; ?>laporan'><i class='fa fa-book
fa-fw'></i>&nbsp;Laporan</a></li>
        <li class='side-
nav-padding'></li>
    </ul>
    <ul class='nav navbar-
nav navbar-right'>
        <li
class='dropdown<?php echo $login && ($shalaman ===
"pengaturan-akun" || $shalaman === "kelola-akun-lain" ||
$shalaman === "kelola-akun-mahasiswa" || $shalaman ===
"informasi") ? " active" : ""; echo $salah ? " open" :
"; ?>'>
            <a
href='#' class='dropdown-toggle' data-toggle='dropdown'
role='button' aria-haspopup='true' aria-expanded='false'>
                <i
class='fa fa-user fa-fw'></i>&nbsp;<?php echo
$_SESSION["stroke-nama"] ?>&nbsp;<span
class='caret'></span>
            </a>
            <ul
class='dropdown-menu'>
                <li
class='<?php echo $shalaman === "pengaturan-akun" ?
"active" : ""; ?>'><a href='<?php echo $url;
?>pengaturan-akun'><i class='fa fa-user fa-
fw'></i>&nbsp;Pengaturan Akun</a></li>

                <?php if($_SESSION["stroke-jabatan"] === 1) { ?>
                    <li
class='<?php echo $shalaman === "kelola-akun-lain" ?
"active" : ""; ?>'><a href='<?php echo $url; ?>kelola-

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akun-lain'><i class='fa fa-wrench fa-fw'></i>&nbsp;&nbsp;&nbsp;Kelola
Akun Lain</a></li>

    <?php } ?>

                                                                    <li
role='separator' class='divider'></li>

    <li><a href='<?php echo $url; ?>keluar'><i
class='fa fa-sign-out fa-fw'></i>&nbsp;&nbsp;&nbsp;Keluar</a></li>
                                                                    </ul>
                                                                    </li>
<li class='right-
nav-padding'></li>
                                                                    </ul>
                                                                    </div>
                                                                    </div>
</nav>
<div class='wrapper'>
    <div class='box'>
        <?php if($kotak[2]) { ?>
            <div class='box-header'
id='box_header'><i class='fa fa-<?php echo $kotak[0] ?>
fa-fw'></i>&nbsp;&nbsp;&nbsp;<?php echo htmlspecialchars($kotak[1]);
?></div>
            <?php } ?>
            <div class='box-body'>
                <?php
                                                                    if($dir !== "./")
{
                                                                    include("{&#106;dir}assets/pages/error.php");
                                                                    }
                                                                    else
if($shalaman != "") {
                                                                    $view =
                                                                    "{&#106;dir}assets/pages/{&#106;shalaman}/index.php";

                                                                    if(file_exists($view)) {

                                                                    include($view);

                                                                    } else {

                                                                    include("{&#106;dir}assets/pages/error.php");

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    }
    } else {
        ?>
        <h3>Selamat      datang,
<?php echo $_SESSION["stroke-nama"]; ?></h3>
        <hr/>
        <h3>SISTEM      KLASIFIKASI
PENYAKIT      STROKE<br/>MENGUNAKAN      METODE      <i>K-NEAREST
NEIGHBOR</i><br/>STUDI      KASUS      PUSKEMAS
KARANGBINANGUN</h3>
        <br/>
        <h4>Penjelasan
Sistem:</h4>
        <hr/>
        <div      style='text-
align:justify;'>Sistem ini merupakan Sistem Penentuan
Risiko Penyakit Stroke. Sistem klasifikasi ini
menggunakan metode <i>K-Nearest Neighbor</i> dan membagi
dalam 3 kelas yaitu kelas risiko Rendah, Sedang, dan
Tinggi. Dengan dibuatkan sistem klasifikasi ini, Admin
atau Dokter dapat mengetahui risiko penyakit stroke
pasien dengan memasukkan data hasil diagnosa pasien
tersebut.</div>
        <?php
        }
        ?>
        </div>
        </div>
        </div>
</body>

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Source code halaman login pada program

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<div class='modal-body'>
    <div class='row'>
        <div class='col-md-6'>
            <div class='form-
group'>
                <label>Nama
Pasien:</label>
                <input
type="text" class="form-control" id="input_nama_pasien"

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maxlength="32">
</div>
<div class='form-
group'>
<label>Tekanan Darah (TD):</label>
<input
type="number" class="form-control" id="input_td" min='0'>
</div>
<div class='form-
group'>
<label>Kadar Gula (KG):</label>
<input
type="number" class="form-control" id="input_kg" min='0'>
</div>
<div class='form-
group'>
<label>Kolesterol Total (KT):</label>
<input
type="number" class="form-control" id="input_kt" min='0'>
</div>
<div class='form-
group'>
<label>Kolesterol LDL (LDL):</label>
<input
type="number" class="form-control" id="input_ldl" min='0'>
</div>
<div class='form-
group'>
<label>Umur
(U):</label>
<input
type="number" class="form-control" id="input_u" min='0'>
</div>
</div>
<div class='col-md-6'>
<div class='form-
group'>

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<label>Jenis Kelamin (JK):</label>
<select
class='form-control selectpicker' id='input_jk'>
  <option value='' data-hidden='true'
selected='selected'>-- Pilih Jenis Kelamin --</option>
  <option value='LK'>Laki-laki</option>
  <option value='PR'>Perempuan</option>
</select>
</div>
<div class='form-
group'>
  <label>Asam
Urat (AU):</label>
  <input
type="number" class="form-control" id="input_au" min='0'
step="0.1">
</div>
<div class='form-
group'>
  <label>Kreatinin (K):</label>
  <input
type="number" class="form-control" id="input_k" min='0'
step="0.1">
</div>
<div class='form-
group'>
  <label>Jumlah K:</label>
  <select
class='form-control selectpicker' data-live-search='false'
id='input_jumlah_k'>
    <optgroup label='K Ganjil'>
      <option value='3'>3</option>
      <option value='5'>5</option>

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<option value='7'>7</option>

</optgroup>

<optgroup label='K Genap'>

<option value='4'>4</option>

<option value='6'>6</option>

<option value='8'>8</option>

</optgroup>

</select>
</div>
<div class='form-
group'>
<label>Risiko:</label>
<input
type="text" class="form-control" disabled="disabled"
id="input_risiko" placeholder="Tekan Tombol Prediksi">
</div>
</div>
</div>

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Source code halaman Data Latih

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<div class='modal-body'>
<input type="hidden"
id="input_id_data_latih" style="display:none;">
<div class='row'>
<div class='col-md-6'>
<div class='form-
group'>
<label>Tekanan Darah (TD):</label>
<input
type="number" class="form-control" id="input_td" min='0'>
</div>
<div class='form-

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group'>
                                <label>Kadar
Gula (KG):</label>
                                <input
type="number" class="form-control" id="input_kg" min='0'>
                                </div>
                                <div class='form-
group'>
                                <label>Kolesterol Total (KT):</label>
                                <input
type="number" class="form-control" id="input_kt" min='0'>
                                </div>
                                <div class='form-
group'>
                                <label>Kolesterol LDL (LDL):</label>
                                <input
type="number" class="form-control" id="input_ldl" min='0'>
                                </div>
                                <div class='form-
group'>
                                <label>Umur
(U):</label>
                                <input
type="number" class="form-control" id="input_u" min='0'>
                                </div>
                                </div>
                                <div class='col-md-6'>
                                <div class='form-
group'>
                                <label>Jenis
Kelamin (JK):</label>
                                <select
class='form-control selectpicker' id='input_jk'>
                                <option value='' data-hidden='true'
selected='selected'>-- Pilih Jenis Kelamin --</option>
                                <option value='LK'>Laki-laki</option>
                                <option value='PR'>Perempuan</option>

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        </select>
    </div>
    <div class='form-
group'>
        <label>Asam
Urat (AU):</label>
        <input
type="number" class="form-control" id="input_au" min='0'
step="0.1">
    </div>
    <div class='form-
group'>
        <label><i>Blood Urea Nitrogen</i> (BUN):</label>
        <input
type="number" class="form-control" id="input_bun" min='0'
step="0.1">
    </div>
    <div class='form-
group'>
        <label>Kreatinin (K):</label>
        <input
type="number" class="form-control" id="input_k" min='0'
step="0.1">
    </div>
    <div class='form-
group'>
        <label>Risiko
Stroke:</label>
        <select
class='form-control selectpicker' data-live-search='false'
data-size='10' id='input_risiko'>
            <option value="" data-hidden="true"
selected='selected'>-- Pilih Risiko Stroke --</option>
            <option value="RENDAH">Rendah</option>
            <option value="SEDANG">Sedang</option>
            <option value="TINGGI">Tinggi</option>

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

```

Source code halaman Data Latih

```

        <div class='modal-body'>
            <input type="hidden"
            id="input_id_data_uji" style="display:none;">
            <div class='row'>
                <div class='col-md-6'>
                    <div class='form-
                    group'>
                        <label>Tekanan Darah (TD):</label>
                        <input
                        type="number" class="form-control" id="input_td" min='0'>
                    </div>
                    <div class='form-
                    group'>
                        <label>Kadar Gula (KG):</label>
                        <input
                        type="number" class="form-control" id="input_kg" min='0'>
                    </div>
                    <div class='form-
                    group'>
                        <label>Kolesterol Total (KT):</label>
                        <input
                        type="number" class="form-control" id="input_kt" min='0'>
                    </div>
                    <div class='form-
                    group'>
                        <label>Kolesterol LDL (LDL):</label>
                        <input
                        type="number" class="form-control" id="input_ldl" min='0'>
                    </div>
                    <div class='form-

```



```

<label>Kreatinin (K):</label>
<input
type="number" class="form-control" id="input_k" min='0'
step="0.1">
</div>
<div class='form-
group'>

<label>Risiko Stroke:</label>
<select
class='form-control selectpicker' data-live-search='false'
data-size='10' id='input_risiko'>

<option value="" data-hidden="true"
selected='selected'>-- Pilih Risiko Stroke --</option>

<option value="RENDAH">Rendah</option>

<option value="SEDANG">Sedang</option>

<option value="TINGGI">Tinggi</option>
</select>
</div>
</div>
</div>
</div>

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Source code halaman Perhitungan

```

<div class='row'>
<div class='col-md-8'>
<label>Data Uji:</label>
<select class='form-control selectpicker' data-live-
search='true' data-size='10' data-show-subtext='true'
id='input_id_data_uji'>
<option value='' data-hidden='true'
selected='selected'>-- Pilih Data Uji --</option>
<?php
while($r = mysqli_fetch_assoc($q)) {
echo "<option
value='{${r["id_data_uji']}' data-subtext=' (TD: {${r["tekanan_darah"]}},
KG: {${r["kadar_gula"]}}, TD: {${r["tekanan_darah"]}}, KT:

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    {$r["kolesterol_total"]}, LDL: {$r["kolesterol_ldl"]}, U: {$r["umur"]},
    JK: {$r["jenis_kelamin"]}, AU: {$r["asam_urat"]}, BUN: {$r["bun"]}, K:
    {$r["kreatinin"]})'>{$r["id_data_uji"]} {$r["risiko"]}</option>";
        }
        ?>
    </select>
</div>
<div class='col-md-4'>
    <label>&nbsp;</label>
    <button class="btn btn-primary btn-block"
onclick="hitung();" id="tb_hitung"><i class="fa fa-
calculator"></i>&nbsp;<i>Hitung</i></button>
</div>
</div>

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Source code halaman klasifikasi

```

<div class="table-responsive">
    <table class='table table-bordered'
style='width:100%;'>
        <thead>
            <tr>
                <th style="width:120px;">Jumlah
                K</th>
                <th>Akurasi</th>
                <th>Laju Error</th>
                <th style="width:80px;"
title='Rendah - Rendah'>1-1</th>
                <th style="width:80px;"
title='Rendah - Sedang'>1-2</th>
                <th style="width:80px;"
title='Rendah - Tinggi'>1-3</th>
                <th style="width:80px;"
title='Sedang - Rendah'>2-1</th>
                <th style="width:80px;"
title='Sedang - Sedang'>2-2</th>
                <th style="width:80px;"
title='Sedang - Tinggi'>2-3</th>
                <th style="width:80px;"
title='Tinggi - Rendah'>3-1</th>
                <th style="width:80px;"
title='Tinggi - Sedang'>3-2</th>

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                <th style="width:80px;"
title='Tinggi - Tinggi'>3-3</th>
            </tr>
        </thead>
        <tbody id='isi_tabel_akurasi'>
            <tr>
                <td colspan='12' style='font-
size:16px;text-align:center;'>Tekan tombol <b><i>"Mulai
Klasifikasi"</i></b></td>
            </tr>
        </tbody>
    </table>
</div>
<br/>
<div style='font-size:18px;'>Keterangan:</div>
<div class="table-responsive">
    <table class='table table-bordered'
style='width:100%;'>
        <thead>
            <tr>
                <th rowspan='2' style='min-
width:170px;vertical-align:middle;'>Kelas</th>
                <th colspan='9'>Nama Kolom</th>
            </tr>
            <tr>
                <th style="width:100px;">1-1</th>
                <th style="width:100px;">1-2</th>
                <th style="width:100px;">1-3</th>
                <th style="width:100px;">2-1</th>
                <th style="width:100px;">2-2</th>
                <th style="width:100px;">2-3</th>
                <th style="width:100px;">3-1</th>
                <th style="width:100px;">3-2</th>
                <th style="width:100px;">3-3</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <th>Kelas Asli</th>
                <td style='text-
align:center;background-color:#00cc00;'>RENDAH</td>
                <td style='text-

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align:center;background-color:#00cc00;'>RENDAH</td>
      <td style='text-
align:center;background-color:#00cc00;'>RENDAH</td>
      <td style='text-
align:center;background-color:#ffff00;'>SEDANG</td>
      <td style='text-
align:center;background-color:#ffff00;'>SEDANG</td>
      <td style='text-
align:center;background-color:#ffff00;'>SEDANG</td>
      <td style='text-
align:center;background-color:#ff5555;'>TINGGI</td>
      <td style='text-
align:center;background-color:#ff5555;'>TINGGI</td>
      <td style='text-
align:center;background-color:#ff5555;'>TINGGI</td>
    </tr>
    <tr>
      <th>Kelas Hasil KNN</th>
      <td style='text-
align:center;background-color:#00cc00;'>RENDAH</td>
      <td style='text-
align:center;background-color:#ffff00;'>SEDANG</td>
      <td style='text-
align:center;background-color:#ff5555;'>TINGGI</td>
      <td style='text-
align:center;background-color:#00cc00;'>RENDAH</td>
      <td style='text-
align:center;background-color:#ffff00;'>SEDANG</td>
      <td style='text-
align:center;background-color:#ff5555;'>TINGGI</td>
      <td style='text-
align:center;background-color:#00cc00;'>RENDAH</td>
      <td style='text-
align:center;background-color:#ffff00;'>SEDANG</td>
      <td style='text-
align:center;background-color:#ff5555;'>TINGGI</td>
    </tr>
  </tbody>
</table>
</div>

```