

LISTING PROGRAM

Index.PHP

```
<!DOCTYPE html>

<html
xmlns="http://www.w3.org/1999/xhtml">

<head>

  <meta charset="utf-8" />

  <meta name="viewport"
content="width=device-width, initial-
scale=1, maximum-scale=1" />

  <meta name="description" content="" />

  <meta name="author" content="" />

  <!--[if IE]>

    <meta http-equiv="X-UA-Compatible"
content="IE=edge,chrome=1">

  <![endif-->

  <title>Sistem Pakar Diagnosa Kerusakan
Gigi</title>

  <!-- BOOTSTRAP CORE STYLE -->

  <link href="assets/css/bootstrap.css"
rel="stylesheet" />

  <!-- FONT AWESOME ICONS -->

  <link href="assets/css/font-awesome.css"
rel="stylesheet" />

  <!-- CUSTOM STYLE -->

  <link href="assets/css/style.css"
rel="stylesheet" />
```

```
<!-- HTML5 Shiv and Respond.js for 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/libs/html5shiv/
3.7.0/html5shiv.js"></script>
```

```
  <script
src="https://oss.maxcdn.com/libs/respond.js/
1.4.2/respond.min.js"></script>
```

```
<![endif-->
```

```
</head>
```

```
<body style="background-image:
url(assets/img/bg2.png);">
```

```
  <div class="navbar navbar-inverse set-
radius-zero" style="background-image:
url(assets/img/nav.png);">
```

```
    <div class="container" >
```

```
      <div class="navbar-header">
```

```
        <a class="navbar-brand"
href="index.php">
```

```
          <h3><font color="#ffffff"
>SISTEM PAKAR DIAGNOSA
PENYAKIT DIABETES<br/>FORWARD
CHAINING & CERTAINTY
FACTOR</font></h3>
```

```
        </a>
```

```
      </div>
```



```
</html>
```

Home.PHP

```
<?php
```

```
include('koneksi.php');
```

```
session_start();
```

```
if (empty($_SESSION['role'])){
```

```
    "<meta http-equiv='Refresh' Content='1;
    URL=home.php'>";
```

```
}
```

```
else{
```

```
    $role = $_SESSION['role'];
```

```
    $nama_lengkap = $_SESSION['nama'];
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html
```

```
xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
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    <meta charset="utf-8" />
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```
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```

```
    <!--[if IE]>
```

```
        <meta http-equiv="X-UA-Compatible"
        content="IE=edge,chrome=1">
```

```
    <![endif]-->
```

```
    <title>Sistem Pakar Diagnosa Penyakit
    Diabetes Melitus</title>
```

```
    <!-- BOOTSTRAP CORE STYLE -->
```

```
    <link href="assets/css/bootstrap.css"
    rel="stylesheet" />
```

```
    <!-- FONT AWESOME ICONS -->
```

```
    <link href="assets/css/font-awesome.css"
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```
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```

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    support of HTML5 elements and media
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        src="https://oss.maxcdn.com/libs/html5shiv/
        3.7.0/html5shiv.js"></script>
```

```
        <script
        src="https://oss.maxcdn.com/libs/respond.js/
        1.4.2/respond.min.js"></script>
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```
    <![endif]-->
```

```
</head>
```

```
<body style="background-image:
url(assets/img/bg2.png);">
```

```

<div class="navbar navbar-inverse set-
radius-zero" style="background-image:
url(assets/img/nav.png);">

  <div class="container" >

    <div class="navbar-header">

      <a class="navbar-brand"
href="index.php">

        <h3><font color="#ffffff"
>SISTEM PAKAR DIAGNOSA
PENYAKIT DIABETES<br/>FORWARD
CHAINING & CERTAINTY
FACTOR</font></h3>

      </a>

    </div>

    <div class="left-div" >

      <div class="user-settings-
wrapper" >

        

      </div>

    </div>

  </div>

  <div class="menu-section"
style="background-color:#00e091 ;" >

  <div class="container">

```

```

<div class="row">

  <div class="col-md-12">

    <div class="navbar-collapse
collapse ">

      <<ul id="menu-top"
class="nav navbar-nav navbar-right">

        <?php

          if($role == 'admin'){

            ?>

            <li><a href="home.php"
style="color:
black;"><b>Beranda</b></a></li>

            <li><a
href="home.php?page=kerusakan"
style="color:
black;"><b>Kerusakan</b></a></li>

            <li><a
href="home.php?page=gejala" style="color:
black;"><b>Gejala</b></a></li>

            <li><a
href="home.php?page=penanganan" style="c
olor: black;"><b>Penanganan</b></a></li>

            <li><a
href="home.php?page=rulepenanganan" styl
e="color: black;"><b>Aturan</b></a></li>

            <li><a
href="home.php?page=nilaimbmd" style="co
lor: black;"><b>Pengetahuan</b></a></li>

            <li><a
href="home.php?page=member" style="colo
r: black;"><b>Pasien</b></a></li>

```

```

                <li><a
href="home.php?page=admin"style="color:
black;"><b>Admin</b></a></li>

                <li><a
href="logout.php"style="color:
black;"><b>Logout</b></a></li>

                <?php
                }
                else if ($role == 'user'){
                ?>

                <li><a
href="home.php"style="color:
black;"><b>Beranda</b></a></li>

                <li><a
href="home.php?page=diagnosa"style="colo
r: black;"><b>Konsultasi</a></b></li>

                <li><a
href="logout.php"style="color:
black;"><b>Logout</b></a></li>

                <?php
                }
                ?>

        </ul>

    </div>

</div>

</div>

</div>
</section>

```

```

<?php
    if (isset($_GET['page'])){
        $page = $_GET['page'];
        if($page == 'home'){
            include('home.php');
        }
        else if ($page == 'kerusakan'){
            include('admin/kerusakan.php');
        }
        else if ($page ==
'tambahkerusakan'){
            include('admin/tambahkerusakan.php');
        }
        else if ($page == 'editkerusakan'){
            include('admin/editkerusakan.php');
        }
        else if ($page == 'deletekerusakan'){
            include('admin/deletekerusakan.php');
        }
        else if ($page == 'gejala'){
            include('admin/gejala.php');
        }
        else if ($page == 'tambahgejala'){

```



```

include('admin/tambahgejala.php');
    }
    else if ($page == 'editgejala'){
        include('admin/editgejala.php');
    }
    else if ($page == 'deletegejala'){
        include('admin/deletegejala.php');
    }
    else if ($page == 'penanganan'){
        include('admin/penanganan.php');
    }
    else if ($page ==
'tambahpenanganan'){
include('admin/tambahpenanganan.php');
    }
    else if ($page == 'editpenanganan'){
include('admin/editpenanganan.php');
    }
    else if ($page ==
'deletepenanganan'){
include('admin/deletepenanganan.php');
    }
    else if ($page == 'rulepenanganan'){

```

```

include('admin/rulepenanganan.php');
    }
    else if ($page ==
'tambahrulepenanganan'){
include('admin/tambahrulepenanganan.php')
;
    }
    else if ($page ==
'editrulepenanganan'){
include('admin/editrulepenanganan.php');
    }
    else if ($page ==
'deleterulepenanganan'){
include('admin/deleterulepenanganan.php');
    }
    else if ($page == 'nilaimbmd'){
        include('admin/nilaimbmd.php');
    }
    else if ($page ==
'tambahnilaimbmd'){
include('admin/tambahnilaimbmd.php');
    }
    else if ($page == 'editnilaimbmd'){

```

```

        }
include('admin/editnilaimbmd.php');
    }
    else if ($page == 'deletenilaimbmd'){

include('admin/deletenilaimbmd.php');
    }
    else if ($page == 'member'){
        include('admin/member.php');
    }
    else if ($page == 'deletemember'){

include('admin/deletemember.php');
    }
    else if ($page == 'admin'){
        include('admin/admin.php');
    }
    else if ($page == 'tambahadmin'){

include('admin/tambahadmin.php');
    }
    else if ($page == 'deleteadmin'){
        include('admin/deleteadmin.php');
    }

    else if ($page == 'diagnosa'){
        include('diagnosa.php');
    }
    }
    else if ($page == 'konsultasi'){
        include('konsultasi.php');
    }
    else if ($page == 'komentar'){
        include('komentar.php');
    }
    }
    else{
        ?>

<div class="content-wrapper">
    <div class="container">
        <div class="row">
            <center><h1 style="font-
family: Vijaya; font-size:
35pt"><b>SELAMAT DATANG <?php
echo strtoupper($nama_lengkap);?></h1>

            <h2 style="font-
family: Vijaya;">Sistem Pakar Diagnosa
Diabetes</h2>

        </div><br/>
        <div class="row">
            <div class="col-md-6 col-md-
offset-3">
                <div class="panel panel-
default">

```

```

<div class="panel-heading">
    <h4>INFORMASI</h4>
</div>

<div class="panel-body">
    <p><b>Sistem pakar</b>
adalah sistem berbasis komputer yang
menggunakan pengetahuan, fakta dan teknik
penalaran dalam memecahkan masalah yang
biasanya hanya dapat dipecahkan oleh
seorang pakar dalam bidang tersebut
(<i>Muhammad Silmi, 2013</i>).</p>
    </div>

</div>

</div>

</div>

</div>

</div>

<?php
}
?>

<!-- CONTENT-WRAPPER SECTION
END-->

<!-- FOOTER SECTION END-->

<!-- JAVASCRIPT AT THE BOTTOM
TO REDUCE THE LOADING TIME -->

<!-- CORE JQUERY SCRIPTS -->

```

```

<script src="assets/js/jquery-
1.11.1.js"></script>

<!-- BOOTSTRAP SCRIPTS -->

<script
src="assets/js/bootstrap.js"></script>
</body>
</html>

<?php
}
?>

```

Diagnosa.PHP

```

<div class="content-wrapper">
<div class="container">
<div class="row">
    <div class="col-md-12">
        <h4 class="page-head-
line">KONSULTASI</h4>
    </div>
</div>

</div>

<?php
error_reporting(0);
$iduser = '$_SESSION[iduser]';
if (isset($_POST['submit'])) {
    $gejala = array();

```

```

        $md_user = array();

        $q_gjl = mysqli_query($koneksi,
"select * from gejala order by id_gejala");

        while ($h_gjl =
mysqli_fetch_array($q_gjl)) {
            $sid_gejala = $h_gjl['id_gejala'];
            $md = $_POST['gejala'.$sid_gejala];
            if($md > 0){
                $gejala[] = $sid_gejala;
                $md_user[$sid_gejala] = $md;
            }
        }

        if (empty($gejala)) {
            $error = '<p style="color:
red;">Silahkan pilih gejala terlebih
dahulu.</p>';
        } else {
            $_SESSION['GEJALA'] =
$gejala;
            $_SESSION['MD_USER'] =
$md_user;
            $iduser =
$_SESSION['id_pasien'];

            exit("<script>location.href='home.ph
p?page=konsultasi';</script>");
        }
    }

```

```

    }
    if (isset($_POST['reset'])) {
        if (isset($_SESSION['GEJALA'])) {
            unset($_SESSION['GEJALA']);
            unset($_SESSION['MD_USER']);
        }
        exit("<script>location.href='home.ph
p?page=diagnosa';</script>");
    }

    $list_gejala = "";
    $no = 0;
    $q = mysqli_query($koneksi, "select * from
gejala order by id_gejala");
    if (mysqli_num_rows($q) > 0) {
        while ($h = mysqli_fetch_array($q))
        {
            $qp =
mysqli_query($koneksi, "select * from
nilaipakar where id_gejala='$h[id_gejala]'");

            $hp = mysqli_fetch_array($qp);
            $sid_gejala = $h['id_gejala'];
        }
    }
    ?>

```

<?php

```

$no++;
    $list_gejala .= '
        <tr>
            <td style="text-align:center;" width="30">' . $no . '</td>
            <td>APAKAH ' .
$h['nama_gejala'] . ' ?</td>
            <td style="text-align:center;"
width="30" valign="top" class="form-
group" >
                <select name="gejala'.$sid_gejala.'"
class="form-control">
                    <option>- Silahkan Pilih -
</option>
                    <option
value="0">Tidak</option>
                    <option value="0.2">Kurang
Yakin</option>
                    <option value="0.4">Sedikit
Yakin</option>
                    <option value="0.6">Cukup
Yakin</option>
                    <option
value="0.8">Yakin</option>
                    <option value="1">Sangat
Yakin</option>
                </select>
            </td>
        </tr>
    ';
    }
}

?>
<form action="" name="" method="post"
enctype="multipart/form-data">
<?php
if (!empty($error)) {
    echo '
        <div class="alert alert-error ">
            ' . $error . '
        </div>
    ';
}

$q = mysqli_query($koneksi, "SELECT *
FROM pasien WHERE
id_pasien='$_SESSION[iduser]'");
$h = mysqli_fetch_array($q);
?>

<div class="col-md-2"><font>Nama
Pengguna</font></div><font>: <?php echo
"$h[nama]"; ?></font><br />

<div class="col-md-2">Jenis Kelamin
</div>: <?php echo "$h[jk]"; ?>
<br />

```

```
<div class="col-md-2">Tanggal Konsultasi
</div>: <?php echo date('d-m-Y');?><br
/><br />
```

```
<p>PILIH GEJALA SESUAI DENGAN
TINGKAT KEYAKINAN YANG
DIRASAKAN</p>
```

```
<table class="table table-striped table-
bordered table-hover">
    <thead>
        <tr>
            <td style="text-align:center;"
width="30">NO</td>
            <td style="text-align:center;"
width="300">GEJALA</td>
            <td style="text-align:center;"
width="30">PILIHAN</td>
        </tr>
    </thead>
    <tbody>
        <?php echo $list_gejala;
//<input type="select" id="selectAll" /> ?>
    </tbody>
</table>
<center>
<button type="submit" name="reset"
class="btn btn-warning"> Reset</button>
```

```
<button type="submit" name="submit"
class="btn btn-primary">Diagnosa</button>
</center>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
<script>
```

```
jQuery(document).ready(function() {
    $("#selectAll").select(function () {
        if($(this).prop("select")==true){
            $(".form-
group").attr("select",true);
            $(".form-
group").parent("span").attr("class","select");
        }else{
            $(".form-
group").attr("select",false);
            $(".form-
group").parent("span").attr("class","");
        }
    });
});
</script>
```

Koneksi.PHP

```

<div class="content-wrapper">
  <div class="container">
    <div class="row">
      <div class="col-md-12">
        <h4 class="page-head-
line">HASIL KONSULTASI</h4>
      </div>
    </div>
  </div>

```

```
<?php
```

```
error_reporting(0);
```

```
function konversi_md($nilai){
```

```
  switch ($nilai) {
```

```
    case 0:
```

```
      return "Tidak";
```

```
      break;
```

```
    case 0.2:
```

```
      return "Kurang Yakin";
```

```
      break;
```

```
    case 0.4:
```

```
      return "Sedikit Yakin";
```

```
      break;
```

```
    case 0.6:
```

```
      return "Cukup Yakin";
```

```
      break;
```

```
    case 0.8:
```

```
      return "Yakin";
```

```
      break;
```

```
    case 1:
```

```
      return "Sangat Yakin";
```

```
      break;
```

```
  }
```

```
}
```

```
if (!isset($_SESSION['GEJALA'])) {
```

```
  exit("<script>location.href='home.php?page
=diagnosa';</script>");
```

```
}
```

```
$gejala = $_SESSION['GEJALA'];
```

```
$md_user = $_SESSION['MD_USER'];
```

```
$kerusakan = array();
```

```
$cf = array();
```

```
# PROSES PERHITUNGAN CF
```

```
$q = mysqli_query($koneksi, "select * from
kerusakan");
```

```
if (mysqli_num_rows($q) > 0) {
```

```
  while ($h = mysqli_fetch_array($q)) {
```

```

    $sid = $h['id_kerusakan'];

    $kerusakan[$sid] = array($h['kode'],
    $h['nama']);

    $mb_lama = 0;

    $md_lama = 0;

    $mb_baru = 0;

    $md_baru = 0;

    $mb_sementara = 0;

    $md_sementara = 0;

    $gejala_ke = 0;

    $qq = mysqli_query($koneksi, "select *
    from nilaipakar where id_kerusakan=" . $sid
    . " order by id_nilai");

    while ($hh = mysqli_fetch_array($qq)) {

        $sid_gejala = $hh['id_gejala'];

        if (in_array($sid_gejala, $gejala)) {

            $gejala_ke++;

            if ($gejala_ke == 1) {

                $mb_lama = 0;

                $md_lama = 0;

                $mb_baru = $hh['mb'] *
                $md_user[$sid_gejala];

                $md_baru = $md_user[$sid_gejala];

```

```

                $mb_sementara = $hh['mb'] *
                $md_user[$sid_gejala];

                $md_sementara =
                $md_user[$sid_gejala];

                } else {

                    $mb_lama = $mb_sementara;

                    $md_lama = $md_sementara;

                    $mb_baru = $hh['mb'] *
                    $md_user[$sid_gejala];

                    $md_baru = $md_user[$sid_gejala];

                    $mb_sementara = $mb_baru +
                    $mb_lama * (1 - $mb_baru);

                    $md_sementara = $md_lama +
                    ($md_baru * (1 - $md_lama));

                }

            }

        }

        if ($gejala_ke > 0) {

            $nilai = $mb_sementara;

            $nilai_kerusakan[$sid] = $nilai;

            $cf[] = array($nilai, $sid);

        }

    }

}

# URUTKAN NILAI

```



```

sort($cf);

$nama_kerusakan = "";
$daftar = "";
$no = 0;
for ($i = count($cf) - 1; $i >= 0; $i--) {
    if($cf[$i][0] > 0){
        if ($nama_kerusakan == "") {
            $nama_kerusakan =
$kerusakan[$cf[$i][1]][1];
            $pengendalian =
$pengendalian[$cf[$i][1]][1];
            $nilai_tertinggi = $cf[$i][0] * 100;
        }
        $no++;
        $nilai = ($cf[$i][0] * 100);
        $kpp = $kerusakan[$cf[$i][1]][0];
        $pp = $kerusakan[$cf[$i][1]][1];
        $daftar .= '
<tr>
    <td style="text-align:center;"><font
color="#000000">' . $no . '</td>
    <td><font color="#000000">' .
$kerusakan[$cf[$i][1]][0] . '</td>
    <td><font color="#000000">' .
$kerusakan[$cf[$i][1]][1] . '</td>

```

```

    <td style="text-align:center;"><font
color="#000000">' . $nilai . ' %</td>
    <td style="text-align:center;"><font
color="#000000">' . $no . '</td>
</tr>
';
}
}

$list_gejala = "";
$no = 0;
$q = mysqli_query($koneksi, "select * from
gejala order by id_gejala");
if (mysqli_num_rows($q) > 0) {
    while ($h = mysqli_fetch_array($q)) {
        if (isset($_SESSION['GEJALA'])) {
            $md_user =
$_SESSION['MD_USER'];
            $id_gejala = $h['id_gejala'];
            if (in_array($id_gejala,
$_SESSION['GEJALA'])) {
                $no++;
                $list_gejala .= '
<tr>
    <td valign="top" width="30">' . $no .
'</td>
    <td valign="top" width="70">' .
$h['kode'] . '</td>

```

```

        <td valign="top">' . $h['nama_gejala']
        .
        ('.strtoupper(konversi_md($md_user[$id_gej
        ala])).')</td>
    </tr>
    ;
    }
    }
    }
    }
}

```

```

$query = "INSERT INTO konsultasi
        (id_pasien,persentase,kerusakan)
VALUES
('$SESSION[iduser]','$nilai_tertinggi','$na
ma_kerusakan)";

```

```

$result = mysqli_query($koneksi, $query)
or die(mysqli_error($koneksi));

```

```

$qw5 = mysqli_query($koneksi, "select *
from kerusakan where
nama='$nama_kerusakan'");

```

```

$hw5 = mysqli_fetch_array($qw5);

```

```

$aaa1 = $hw5['kode'];

```

```

?>

```

```

<div style="clear:both;height:20px;"></div>

```

Gejala-gejala yang anda alami :

```

<table class="table table-striped table-hover
table-bordered">

```

```

<tbody>
    <?php echo $list_gejala; ?>
</tbody>

```

```

</table>

```

```

</font>

```

```

<br/><br/>

```

```

<table class="table table-striped table-hover
table-bordered">

```

```

<thead>

```

```

<tr>

```

```

    <th style="text-align:center;"
width="30"><font
color="#000000">NO</th>

```

```

    <th style="text-align:center;"
width="100"><font
color="#000000">KODE</th>

```

```

    <th style="text-align:center;"><font
color="#000000">NAMA
KERUSAKAN</th>

```

```

    <th style="text-align:center;"
width="70"><font
color="#000000">CF</th>

```

```

    <th style="text-align:center;"
width="70"><font
color="#000000">RANK</th>

```

```

</tr>

```

```

</thead>

```

```

<tbody>

```

```

    <?php echo $daftar; ?>
</tbody>
</table>
<table class="table table-bordered">
  <tbody>
    <tr>
      <td width="150"><font
color="#000000"><strong>Nama
kerusakan</strong></td>
      <td><font
color="#000000"><strong><?php echo
strtoupper($nama_kerusakan);
?></strong></font></td>
    </tr>
    <tr>
      <td width="150" valign="top"><font
color="#000000"><strong>Penanganan</str
ong></font></td>
      <td><font color="#000000"><?php
$qw = mysqli_query($koneksi, "select
rule_penanganan.*,kerusakan.* from
rule_penanganan, kerusakan where
kerusakan.nama='$nama_kerusakan' AND
rule_penanganan.kode_kerusakan=kerusaka
n.kode");
while ($hw = mysqli_fetch_array($qw)) {
  $no++;
  $penanganan = $hw['kode_penanganan'];

```

```

  $rr = mysqli_query($koneksi, "select *
from penanganan where
kode='$penanganan'");
  $dd = mysqli_fetch_array($rr);
  echo "$dd[penanganan] <br>";
}
?></td>
</tr>
</tr>
</tbody>
</table>
</div>
<center>
<a href="cetak_hasil.php?id=<?php echo
$_SESSION['iduser']; ?>" target="_blank"
class="btn btn-primary">Cetak</a>
</center>
</div></div>

```

Login.PHP

```

<div class="content-wrapper">
  <div class="container">
    <div class="row">
      <div class="col-md-12">
        <h4 class="page-head-
line">REGISTER/LOGIN</h4>

```



```

        <div
class="form-group">
        <label>No.
HP</label>
        <input type="text"
class="form-control" id="hp" name="hp"
placeholder="NoHP" />
        </div>
        <div class="form-
group">
        <label>Email</label>
        <input type="email"
class="form-control" id="email"
name="email" placeholder="email" />
        </div>
        <div class="form-
group">
        <label>Alamat</label>
        <textarea
class="form-control" rows="5"
name="alamat"
placeholder="Alamat"></textarea>
        </div>
        <button type="submit"
class="btn btn-warning">Reset</button>
        <button type="submit"
value="daftar" name="daftar" class="btn
btn-primary">Register</button>
        </form>
</div>

```

```

</div>
</div>
<div class="col-md-6">
        <div class="panel panel-
default">
        <div class="panel-heading">
        <b>LOGIN</b>
        </div>
        <div class="panel-body">
        <p>*Apabila Belum
Memilik Username Dan Password Silahkan
Regitrasi</p>
        <form method="post"
action="aksi_login.php">
        <div class="form-
group">
        <label>Username</label>
        <input type="text"
class="form-control" id="username"
name="username" placeholder="Username"
/>
        </div>
        <div class="form-
group">
        <label>Password</label>
        <input
type="password" class="form-control"

```

```

id="password" name="password"
placeholder="Username" />

        </div>

        <button type="submit"
value="login" name="login" class="btn btn-
primary">Login</button>

        </form>

    </div>

</div>

</div>

</div>

</div>

</div>

```

```

<?php
error_reporting(0);
include"koneksi.php";
if(isset($_POST['daftar'])){
mysqli_query($koneksi, "INSERT INTO
pasien VALUES (
",
$_POST[username]',
$_POST[pass]',
$_POST[nama]',
$_POST[jk]',
$_POST[usia]',
$_POST[hp]',

```

```

$_POST[email]',
$_POST[alamat]')");

echo"<script>alert('Data Berhasil
Disimpan!');window.location.href='?page=lo
gin'</script>";
}
?>

```

Logout.PHP

```

<?php
include('koneksi.php');
session_start();
session_destroy();

echo "<META HTTP-
EQUIV='Refresh' Content='1;
URL=index.php'>";
?>

```

Aksi Login.PHP

```

<?php
include('koneksi.php');
if(isset($_POST['login'])){
$username = $_POST['username'];
$password = $_POST['password'];

```

```

        $sqladm = mysqli_query($koneksi,
"select * from admin where
username='$username' and
pass='$password'");

        $hitung_admin =
mysqli_num_rows($sqladm);

        if($hitung_admin > 0){

            $radm = mysqli_fetch_array
($sqladm);

            session_start();

            $_SESSION['role'] = 'admin';

            $_SESSION['nama'] =
$radm["nama"];

            $_SESSION["useradm"]=
$radm["username"];

            $_SESSION["passadm"]=
$radm["pass"];

            echo "<meta http-
equiv='Refresh' Content='1;
URL=home.php'>";

        }

        else if ($hitung_admin == 0){

            $sqluser =
mysqli_query($koneksi,"select * from
pasien where username='$username' and
pass='$password'");

            $hitung_user =
mysqli_num_rows($sqluser);

            if($hitung_user > 0){

                $ruser =
mysqli_fetch_array ($sqluser);

```

```

            session_start();

            $_SESSION['role'] =
'user';

            $_SESSION['nama']
= $ruser["nama"];

            $_SESSION['iduser']
= $ruser["id_pasien"];

            $_SESSION["useruser"]=
$ruser["username"];

            $_SESSION["passuser"]=
$ruser["pass"];

            echo "<meta http-
equiv='Refresh' Content='1;
URL=home.php'>";

        }

        else if($hitung_user == 0){

            echo "<meta http-
equiv='Refresh' Content='1;
URL=index.php?page=login'>";

        }

    }

?>

```

Cetak Hasil.PHP

```
<body onload=javascript:window:print(>
```

```
<?php
```

```
error_reporting(0);
```

```
session_start();
```

```
include 'koneksi.php';
```

```
if (!isset($_SESSION['GEJALA'])) {
```

```
    exit("<script>location.href='home.php?page=diagnosa';</script>");
```

```
}
```

```
$gejala = $_SESSION['GEJALA'];
```

```
$md_user = $_SESSION['MD_USER'];
```

```
$nama_gejala = array();
```

```
for ($i = 0; $i < count($gejala); $i++) {
```

```
    $q = mysqli_query($koneksi, "select * from gejala where id_gejala=" . $gejala[$i] . " . """);
```

```
    $h = mysqli_fetch_array($q);
```

```
    $nama_gejala[] = $h['nama_gejala'];
```

```
}
```

```
$nama_gejala = implode(' , ', $nama_gejala);
```

```
$kerusakan = array();
```

```
$cf = array();
```

```
$q = mysqli_query($koneksi, "select * from kerusakan");
```

```
if (mysqli_num_rows($q) > 0) {
```

```
    while ($h = mysqli_fetch_array($q)) {
```

```
        $id = $h['id_kerusakan'];
```

```
        $kerusakan[$id] = array($h['kode'], $h['nama']);
```

```
        $mb_lama = 0;
```

```
        $md_lama = 0;
```

```
        $mb_baru = 0;
```

```
        $md_baru = 0;
```

```
        $mb_sementara = 0;
```

```
        $md_sementara = 0;
```

```
        $gejala_ke = 0;
```

```
        $qq = mysqli_query($koneksi, "select * from nilaipakar where id_kerusakan=" . $id . " order by id_nilai");
```

```
        while ($hh = mysqli_fetch_array($qq)) {
```

```
            $id_gejala = $hh['id_gejala'];
```

```
            if (in_array($id_gejala, $gejala)) {
```

```
                $gejala_ke++;
```

```
                if ($gejala_ke == 1) {
```

```
                    $mb_lama = 0;
```



```

$md_lama = 0;
$mb_baru = $hh['mb'];
$md_baru = $md_user[$id_gejala];
$mb_sementara = $hh['mb'];
$md_sementara =
$md_user[$id_gejala];
} else {
$mb_lama = $mb_sementara;
$md_lama = $md_sementara;
$mb_baru = $hh['mb'];
$md_baru = $md_user[$id_gejala];
$mb_sementara = $mb_lama +
($mb_baru * (1 - $mb_lama));
$md_sementara = $md_lama +
($md_baru * (1 - $md_lama));
}
}
}
if ($gejala_ke > 0) {
$nilai = round($mb_sementara -
$md_sementara, 3);
$nilai_kerusakan[$id] = $nilai;
$cf[] = array($nilai, $id);
}
}
}
$md_lama = 0;
$mb_baru = $hh['mb'];
$md_baru = $md_user[$id_gejala];
$mb_sementara = $hh['mb'];
$md_sementara =
$md_user[$id_gejala];
} else {
$mb_lama = $mb_sementara;
$md_lama = $md_sementara;
$mb_baru = $hh['mb'];
$md_baru = $md_user[$id_gejala];
$mb_sementara = $mb_lama +
($mb_baru * (1 - $mb_lama));
$md_sementara = $md_lama +
($md_baru * (1 - $md_lama));
}
}
}
if ($gejala_ke > 0) {
$nilai = round($mb_sementara -
$md_sementara, 3);
$nilai_kerusakan[$id] = $nilai;
$cf[] = array($nilai, $id);
}
}
}
sort($cf);
$nama_kerusakan = "";
$daftar = "";
$no = 0;
for ($i = count($cf) - 1; $i >= 0; $i--) {
if($cf[$i][0] > 0){
if ($nama_kerusakan == "") {
$nama_kerusakan =
$kerusakan[$cf[$i][1]][1];
$pengendalian =
$pengendalian[$cf[$i][1]][1];
}
$no++;
$nilai = ($cf[$i][0] * 100);
$skpp = $kerusakan[$cf[$i][1]][0];
$pp = $kerusakan[$cf[$i][1]][1];
$daftar .= '
<tr>
<td style="text-align:center;"><font
color="#000000">' . $no . '</td>
<td><font color="#000000">' .
$kerusakan[$cf[$i][1]][0] . '</td>
<td><font color="#000000">' .
$kerusakan[$cf[$i][1]][1] . '</td>

```

```
<td style="text-align:center;"><font
color="#000000">' . $nilai . ' %</td>
```

```
<td style="text-align:center;"><font
color="#000000">' . $no . ' </td>
```

```
</tr>
```

```
;
```

```
}
```

```
}
```

```
?>
```

```
<div align="center">
```

```
<div id="right_col" style="font-
size:10px;width:770px " align="center">
```

```
<table cellpadding="0"
cellspacing="0" width="100%" >
```

```
<tr>
```

```
<td valign="top">
```

```
<div style="text-align:center;font-
family:Arial, Helvetica, sans-serif;line-
height:26px;padding-top:0px;height:90px;">
```

```
<span style="font-size:18px;font-
weight:bold;"><br>Sistem Pakar Diagnosa
Kerusakan Gigi</span><br />
```

```
</div>
```

```
<div style="border-bottom:2px solid
#000;"></div>
```

```
<br>
```

```
<div">
```

```
<?php
```

```
$q = mysqli_query($koneksi, "SELECT *
FROM pasien WHERE
id_pasien='$_SESSION[iduser]'");
```

```
$h = mysqli_fetch_array($q);
```

```
$qw5 = mysqli_query($koneksi, "select *
from kerusakan where
nama='$nama_kerusakan'");
```

```
$hw5 = mysqli_fetch_array($qw5);
```

```
$aaa1 = $hw5['kode'];?>
```

```
<table width="100%" border="0"
cellspacing="0" cellpadding="4"
style="float:left;">
```

```
<tr>
```

```
<td valign="top">Nama
Member </td>
```

```
<td>: <?php echo
"$h[nama]"; ?></td>
```

```
</tr>
```

```
<tr>
```

```
<td width="200"
valign="top">Jenis Kelamin</td>
```

```
<td>: <?php echo "$h[jk]";
?></td>
```

```
</tr>
```

```
<tr>
```

```

                <td width="200"
valign="top">Alamat</td>
                <td>: <?php echo
"$h[alamat]"; ?></td>
            </tr>
            <tr>
                <td width="200"
valign="top">NoHP</td>
                <td>: <?php echo "$h[hp]";
?></td>
            </tr>
            <tr>
                <td width="200"
valign="top">Tanggal Konsultasi</td>
                <td>: <?php
function
tanggal_indonesia($tanggal){
    $bulan = array (
        1 => 'Januari',
        'Februari',
        'Maret',
        'April',
        'Mei',
        'Juni',
        'Juli',
        'Agustus',
        'September',
        'Oktober',
        'November',
        'Desember'
    );
    $pecahkan = explode('-', $tanggal);
    // variabel pecahkan 0 = tanggal
    // variabel pecahkan 1 = bulan
    // variabel pecahkan 2 = tahun
    return $pecahkan[2] . '-' . $bulan[
(int)$pecahkan[1] ] . '-' . $pecahkan[0];
    }
    echo tanggal_indonesia(date('Y-m-d'));
?></td>
            </tr>
        </table>
    </div>
<br/><br/><br/><br/><br/><br/><br/>
<br/><br/>
<table width="100%" border="0"
cellspacing="0" cellpadding="4"
style="float:left;">
    <tr>
        <td
valign="top">GEJALA</td>

```

```

                <td>: <?php echo
$nama_gejala; ?></td>
            </tr>
        </tr>
        <tr>
            <td width="200"
            valign="top">NAMA KERUSAKAN </td>
            <td>:<strong> <?php echo
strtoupper($nama_kerusakan);
?></strong></td>
        </tr>
        <tr>
            <td width="200"
            valign="top">PENANGANAN</td>
            <td><?php
$qw = mysqli_query($koneksi, "select
rule_penanganan.*,kerusakan.* from
rule_penanganan, kerusakan where
kerusakan.nama='$nama_kerusakan' AND
rule_penanganan.kode_kerusakan=kerusaka
n.kode");
while ($hw = mysqli_fetch_array($qw)) {
    $no++;
    $penanganan = $hw['kode_penanganan'];
    $rr = mysqli_query($koneksi, "select *
from penanganan where
kode='$penanganan'");
    $dd = mysqli_fetch_array($rr);
    echo ": $dd[penanganan] <br>";
}

```

```

?></td>
        </tr>
    </table>
    <div
    style="clear:both;height:20px"></div>
    <table width="100%"
    class="tabel_t4" cellpadding="0"
    cellspacing="0" border="1">
        <thead>
            <tr>
                <th align="center"
                width="30">NO</th>
                <th align="center"
                width="100">KODE</th>
                <th align="center">NAMA
                KERUSAKAN</th>
                <th align="center"
                width="100">NILAI</th>
                <th align="center"
                width="100">RANK</th>
            </tr>
        </thead>
        <tbody>
            <?php
            echo $daftar;
            ?>

```

</tbody>

</table>

</td>

</tr>

</table>

***Jika Sakit Berlanjut, Hubungi Dokter Gigi
Terdekat !!!**