

## **BAB V**

### **PENUTUP**

#### **A. Kesimpulan**

Kesimpulan yang dapat diambil dari pembuatan sistem pakar mendiagnosa penyakit radang selaput otak ini adalah sebagai berikut.

1. Sistem dirancang menggunakan bahasa pemrograman PHP dengan database MySQL, sehingga memudahkan pengguna dalam melakukan update data secara online.
2. Sistem pakar diagnosa penyakit radang selaput otak dapat mengenali 3 jenis penyakit meningitis yaitu meningitis bakteri, meningitis jamur dan meningitis virus.
3. Sistem pakar diagnosa penyakit radang selaput otak sudah terdapat fasilitas mencetak (print) hasil konsultasi dengan mengkonversinya ke Microsoft Word.
4. Admin diberikan password untuk memasuki sistem sehingga memiliki keleluasaan pengaksesan sistem dengan keamanan data yang terjaga.

#### **B. Saran**

Saran yang dapat diberikan untuk pengembangan aplikasi sistem pakar diagnosa penyakit radang selaput otak ini yaitu jenis penyakit meningitis yang dapat dikenali oleh sistem tidak hanya 3 jenis, namun juga meningitis parasit dan non-infeksi.

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# **LAMPIRAN**

## LAMPIRAN SCRIPT PROGRAM

1. Tampilan User
  - a. conn.php

```
<?php
mysql_connect('localhost','root','');
mysql_select_db('meningitis');

?>
```

- b. index.php

```
<?php
session_start();
error_reporting(E_ALL &~E_NOTICE &~E_DEPRECATED);
include "conn.php";
?>
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Sistem Pakar Diagnosa Penyakit Meningitis
</title>
<link href="bootstrap/css/bootstrap.css" rel="stylesheet" />
<link type="text/css" href="admin/style.css" rel="stylesheet"
/>
<script type="text/javascript"
src="bootstrap/js/bootstrap.min.js"></script>
<script type="text/javascript" src="bootstrap/js/jquery-
1.11.3.min.js"></script>

<style type="text/css">
body {
    background: url(images/bg2.jpg) no-repeat;
}
</style>
</head>
<body>
<div class="row-fluid bg-white main" style="height:100%;">
<div id="header">

</div>
<div class="navbar">
<div class="navbar-inner">
```

```

<div class="navbar-form pull-right">
<ul class="nav">

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

</div>

<div class="row-fluid konten" style="overflow:hidden;margin-top:0px !important; background:white">
<div class="span3 back" style="background-color: #fff !important;min-height:600px !important;">
<ul class="nav nav-pills nav-stacked">

<li class="active"><a href="?pg=beranda"><i class="icon icon-home icon-white"></i>Beranda</a></li>
<li class="active"><a href="?pg=berita"><i class="icon icon-th-list icon-white"></i>Berita</a></li>
<li class="active"><a href="?pg=konsultasi&kons=1"><i class="icon icon-tag icon-white"></i>Konsultasi</a></li>

</ul>

<div class="loginform">
<div style="background: #0088CC;padding:10px 5px;font-weight:bold;color:white">
    Login Admin</div>
<form action="admin/pages/login.php" method="post" style="border:1px solid #0088CC; padding:10px">
<table cellpadding='5'>
<tr>
    <td>Username</td>
    <td><input style="width:120px;" type="text" name="username" class="inputbox" id="focus"/></td>
</tr>
<tr>
    <td>Password</td>
    <td><input style="width:120px;" type="password" name="password" class="inputbox"/></td>
</tr>
<tr>
    <td></td>
    <td><button type="submit" class="btn btn-info"><i class="icon icon-lock icon-white"></i> Login</button></td>
</tr>
</table>

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

```

```

<div class="span9" style=" background: white !important; min-
height:600px">
<?php
if(isset($_GET['pg'])){
    $pg = $_GET['pg'];
}else{
    $pg = 'beranda';
}
include 'pages/'.$pg.'.php';
?>
</div>
</div>

<div class="span12" style="margin-bottom:50px
!important;"><center>&copy; Sistem Pakar Diagnosa Penyakit
Meningitis</center></div>
</div><!-- container -->

</body>
</html>

```

c. beranda.php

```

<div style="text-align: center;" align='center'>

</div>

```

d. konsultasi.php

```

<?php
$k="select * from tb_gejala order by nama_gejala asc";
$e=mysql_query($k);
if($_GET[kons]){
?>
<h1>Diagnosa penyakit meningitis</h1>
<hr />
<div
style="background:url('');width:95%;margin:10px;color:black;
min-height:300px;padding-top:10px;padding-left:10px;">
Untuk memulai konsultasi silahkan masukkan nama Anda pada
kolom dibawah kemudian klik Ok...<br><br><br>
<div style="background:url('cab.jpg');width:50%;margin-
left:170px;">
<br>
<form method="POST" action="index.php?pg=konsultasi"
enctype="multipart/form-data">
<center><label style="color:black;">Nama Anda :
</label>
<label><input type="text" name="nama"
required></label>
<label><input class="btn btn-primary" type="submit"
value="Ok"></label></center>
</form>
<br>
</div>
</div>

```

```

</center>
<?php
}elseif($_POST['nama'] or $_GET['nama']){
    if($_POST['nama']){
        $nama=$_POST['nama'];
    }else{
        $nama=$_GET['nama'];
    }
?>
<style type="text/css">
#gejala_opsi td {border-bottom: 1px solid silver;}
</style>
<script type="text/javascript">
function cc(id) {
    var ck = $("#cbx"+id).prop('checked');
    if(ck==true)
        $("#rid"+id).css("background-color", "yellow");
    else
        $("#rid"+id).css("background-color", "#fff");
}
</script>
Pilih gejala-gejala yang dialami:<br>
<form method="post" action="index.php?pg=konsultasi&aksi=1"
enctype="multipart/form-data">
<table id="gejala_opsi">
<tr>
<th>Gejala</th>
<th colspan="3">Keyakinan</th>
</tr>
<?php
$i=0;
while($d=mysql_fetch_assoc($e)){
    $i++;
?>
<tr id="rid<?=$i?>">
    <td style="width:60%; padding:5px 0 5px 0; ">
        <input type="hidden" name="nama" value="<?=$nama?>">
        <label><input id="cbx<?=$i?>" type="checkbox"
onclick="cc('<?=$i?>')" name="gejala<?=$i?>"
value="<?=$d['id_gejala']?>"><?php echo
$d['nama_gejala']?></label>
        </td>
        <td class="rad<?=$i?>" style="padding:5px 0 5px 0;
"><label><input type="radio" name="rad_gejala<?=$i?>"
value="1"> Sangat Yakin</label></td>
        <td class="rad<?=$i?>" style="padding:5px 0 5px 0;
"><label><input type="radio" name="rad_gejala<?=$i?>"
value="2"> Kurang Yakin</label></td>
        <td class="rad<?=$i?>" style="padding:5px 0 5px 0;
"><label><input type="radio" name="rad_gejala<?=$i?>"
value="3"> Tidak Yakin</label></td>
</tr>
<?php } ?>
</table>
<br><br><label><input class="btn btn-success" type="submit"
value="OK"></label>

```

```

</form>
<?php
}
if($_GET['aksi']){

    $nama=$_POST['namaa'];

    $jum=mysql_num_rows($e);

    $kue="select * from tb_penyakit order by id_penyakit asc";
    $dat=mysql_query($kue);
    $jml=mysql_num_rows($dat);

    $aaa=0;
    while($var=mysql_fetch_assoc($dat)) { //loop penyakit
    $aaa++;
    $di=$var['id_penyakit'];

    $pen[$aaa]=$var['nama_penyakit'];

    $aa=0;
    for ($x = 1; $x <= $jum; $x++) { //loop gejala

        $gejala[$x]=$_POST['gejala'.$x];
        $g=$gejala[$x];
        $yakin[$x]=$_POST['rad_gejala'.$x];
        $y=$yakin[$x];

        if(!empty($g)){
            $aa=$aa+1;
            $ku="SELECT * FROM tb_aturan where id_gejala=$g and
id_penyakit=$di";

            $ex=mysql_query($ku);
            $da=mysql_fetch_assoc($ex);
            $pg=$da['probabilitas'];
            //persentasi
            if($y=='1') $per = 100;
            elseif($y=='2') $per = 50;
            elseif($y=='3') $per = 25;
            // $hh[$aa]=$da['probabilitas'];
            $hh[$aa]=$da['probabilitas'] * $per / 100;

        }

    }

    if($aa > 1){
    /*<!--DEBUG-->*/
    $a = $hh[1]; if(empty($a)) $a = 0;
    $b = $hh[2]; if(empty($b)) $b = 0;

    /*<!--DEBUG-->*/
    $cf[1]=$hh[1]+( $hh[2] * ( 1- $hh[1] ));
    $tot=$cf[1];
}

```



```

for ($xx=2;$xx<=$aa;$xx++){
/*<!--DEBUG-->*/
$c = $hh[$xx]; if(empty($c)) $c = 0;
$t = $tot; if(empty($t)) $t = 0;

/*<!--DEBUG-->*/
$tot=$hh[$xx]+( $tot * ( 1 - $hh[$xx] ));
$cf[$xx]=$tot;
$bsr[$aaa]=$cf[$xx];
}
}else{
    $bsr[$aaa]=$hh[1];
}
//pencatatan
$jran=$aaa;
$bsrran[$aaa]=$bsr[$aaa];
$penran[$aaa]=$pen[$aaa];

if($bsr[$aaa]>$kes){
    $kes=$bsr[$aaa];
    $penyakit=$pen[$aaa];
}
}

if(empty($kes)){
    $penyakit='Bukan meningitis';
    $kes=0;
    echo("Selamat.... dari gejala yang anda masukkan,
tidak ditemukan tanda penyakit meningitis....");
}
?>

<?php
//include "conn.php";
$cc="insert into tb_hasil (nama,hasil,kesimpulan,tgl)
values ('$nama', '$kes', '$penyakit', now())";

$kuery=mysql_query($cc);

if($kuery){
    //echo $hasil;
?>

<div
style='background:url(white.jpg);width:95%;margin:0px;padding:10px;border:2px white !important;color:black !important;'>
<h1>Hasil konsultasi</h1>
<hr />
<h4>Gejala yang dipilih:</h4>
<ul>
<?php
$aa=0;
for ($x = 1; $x <= $jum; $x++) {
    $gejala[$x]=$_POST['gejala'.$x];
    $g=$gejala[$x];

```

```

// echo $g;
if(!empty($g)) {

    $ku="SELECT * FROM tb_gejala where id_gejala=$g";

    $ex=mysql_query($ku);
    $da=mysql_fetch_assoc($ex);
    $are[$aa]=$da['nama_gejala'];
    //echo $are[$aa];
    $aa=$aa + 1;
    ?>

    <li><?=$da['nama_gejala'];?></li>
    <?php
    }

}
$jumare=$aa;
?>
</ul>
<div style="display: none;">
<h4>Probabilitas tiap penyakit:</h4>
<br>
<table style="width:50% !important;" border="1"
bordercolor="white">
<tr>
<th style="background-color:none !important;">Nama
penyakit</th>
<th>Probabilitas</th>
</tr>
<tr>
<?php
for ($x = 1; $x <= $jran; $x++) {

    ?>
    <td><?=$penran[$x]?></td>
    <td><?=$bsrran[$x]?></td>
    </tr>
    <?php

}

?>
</table>
</div>
<?php
echo $jumare;
?>
<h4>Kesimpulan</h4>
<table style='width:100% !important;color:black
!important;border= 2 !important;'>
<tr>
<td style='word-wrap:break-word;'>Nama</td>
<td><?=$nama?></td></tr><tr>
<td style='word-wrap:break-word;width:10%;'>Nilai

```

```

Keyakinan</td>
<td><?=$kes?></td></tr><tr>
<td style='word-wrap:break-word;width:15%;'>Kesimpulan</td>
<td><?=$penyakit?></td></tr>

</table>
<br>
<form action="test2.php" method="POST"
enctype="multipart/form-data">
<?php

for ($i=0; $i <= $jumare; $i++) {
$u=$i+1;
?>
<input type="hidden" name="are<?=$u?>"
value="<?=$are[$i]?>">
<?php
}
?>
<input type="hidden" name="nama" value="<?=$nama?>">
<input type="hidden" name="nil" value="<?=$kes?>">
<input type="hidden" name="kes" value="<?=$penyakit?>">
<input type="hidden" name="jumare" value="<?=$jumare?>">
<input class="btn btn-success" type="submit" value="Print">
</form>
<a class='btn btn-danger'
href='index.php?pg=konsultasi&nama=<?=$nama?>'>ulangi
perhitungan</a>
<br></div></center>

<?php
}
}
?>

```

e. berita.php

```

<h1>Berita seputar penyakit meningitis</h1>
<hr />
<?php
if($_GET[idb]){
    $idb=$_GET[idb];
    $jj="select * from tb_berita where id_berita=$idb";

    $kk=mysql_query($jj);
    $dd=mysql_fetch_assoc($kk);
    ?>

<b><?=$dd['judul']?></b>
<label><?=$dd['isi']?></label>
<label><a class="btn btn-warning"
href="index.php?pg=berita">Kembali</a>
    <?php

}else{

```

```

$j="select * from tb_berita";
$k=mysql_query($j);
?>

<?php
while($d=mysql_fetch_assoc($k)){
    ?>

<table width="100%" margin="50px" cellpadding="10"
style="cell-padding:10 !important">
<tr><td width="200px" height="150px">
</td>
<td><b><?=$d['judul']?></b>
<?=substr($d['isi'],0,300)?>
<br><a class="btn btn-warning"
href="index.php?pg=berita&idb=<?=$d['id_berita']?>">Baca</a>
</td></tr>
</table>
<?php
    }
}
?>

```

f. test2.php

```

<?php
    header("Content-type: application/vnd.ms-word");
    header("Content-Disposition: attachment;
Filename=SaveAsWordDoc.doc");
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=Windows-1252">
<title>Saves as a Word Doc</title>
</head>
<body>
<h1>Hasil Konsultasi</h1>
<h2>Gejala yang dipilih :</h2>
<ul>
<?php
    $jumre=$_POST['jumare'];
    $nama=$_POST['nama'];
    $nil=$_POST['nil'];
    $kes=$_POST['kes'];
    for ($i=1; $i <= $jumre; $i++) {
        ?>
<li><?php echo $_POST['are'.$i]?></li>
<?php

```

```

}
?>
</ul>
<h2>Kesimpulan:</h2>
<table>
<tr>
<td>Nama :</td>
<td><?=$nama?></td>
</tr>
<tr><td>Nilai Keyakinan :</td>
<td><?=$nil?></td>
</tr>
<tr><td>Kesimpulan :</td>
<td><?=$kes?></td>
</tr>
</table>

</body>
</html>

```

## 2. Tampilan Admin

### a. conn.php

```

<?php
mysql_connect('localhost','root','');
mysql_select_db('meningitis');

?>

```

### b. login\_form.php

```

<?php
error_reporting(E_ALL &~E_NOTICE);

session_start();
$_SESSION[username]='';
$_SESSION[password]='';
session_destroy();
?>
<div id="containers">
<br><br><br><br>
<br><br><br><br>
<div id="loginbox" style="background-color:;">
<div class="content" style="background-color:;">
<form action="pages/login.php" method="post">
<div id="notification" class="information">
<label>Login Admin</label></div>
<br>
<label>Username :</label>
<input type="text" name="username" class="inputbox"
id="focus"/>
<label>Password :</label>
<input type="password" name="password"
class="inputbox"/><br>

```

```

<button type="submit" class="btn"><i class="icon icon-
lock"></i> Login</button>
</form>
</div>
<div class="footer">

</div>
</div>
    <?php if (isset($_SESSION['error'])) { ?>
<div class="flash">
<div class="message error" style="text-align: center; color:
red; font-weight: bold;">
<p>Username atau Password Anda salah!!Silahkan ulangi
lagi....</p>
</div>
</div>
    <?php } ?>
<div class="row-fluid" style="margin-top:200px; text-
align:center;">
&copy;Sistem Pakar Diagnosa Penyakit Meningitis <br />
</div>
</div>

```

c. login.php

```

<?php
include "../conn.php";
$username=$_POST[username];
$password=$_POST[password];
$sqlin=mysql_query("SELECT * FROM tb_user WHERE
username='$username' AND pass='$password'");
$ketemu=mysql_num_rows($sqlin);
$r=mysql_fetch_assoc($sqlin);

// Apabila username dan password ditemukan
if ($ketemu > 0){
    session_start();
    $_SESSION['id_user'] = $r['id_user'];
    $_SESSION['username'] = $r['username'];
    $_SESSION['password'] = $r['pass'];

    header('location:../index.php');

}else{
session_start();
$_SESSION['error']="Username atau Password Anda
Salah....Silahkan Ulangi Lagi";
header('location:../log.php');
}
?>

```

d. index.php

```

<?php
session_start();
error_reporting(E_ALL &~E_NOTICE &~E_DEPRECATED );

if(!isset($_SESSION['username'])) {
    header('Location: login_form.php');
    exit;
}

include "conn.php";
?>
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Sistem Pakar Diagnosa Penyakit Meningitis
</title>
<link href="../../bootstrap/css/bootstrap.css" rel="stylesheet"
/>
<link type="text/css" href="style.css" rel="stylesheet" />
<script type="text/javascript"
src="ckeditor/ckeditor.js"></script>
<script type="text/javascript"
src="../../bootstrap/js/bootstrap.min.js"></script>

<style type="text/css">
body {
    background: url(../images/bg2.jpg) no-repeat;
}
</style>
</head>
<body>
<div class="row-fluid bg-white main" style="height:100%;">
<div id="header">
</div>
<div class="navbar">
<div class="navbar-inner">

<div class="navbar-form pull-right">
<ul class="nav">
<li><a href="?pg=gantipassword">User aktif :
<?=$_SESSION['username']?></a></li>
<li class="active"><a href="login_form.php">Logout</a></li>
</ul>
</div>
</div>
</div>
</div>
<div class="row-fluid " style="overflow:hidden;">
<div class="span3 back" style="background-color: #ffffff
!important;min-height:600px !important;">
<ul class="nav nav-tabs nav-stacked">

<li><a href="?pg=beranda">Beranda</a></li>
<li><a href="?pg=gejala">Gejala</a></li>
<li><a href="?pg=penyakit">Penyakit</a></li>

```

```

<li><a href="?pg=aturan">Aturan</a></li>
<li><a href="?pg=hasil">Hasil</a></li>
<li><a href="?pg=berita">Berita</a></li>
</ul>
</div>
<div class="span9" style="margin-top:10px !important;margin-
bottom:50px !important;">
<?php
if(isset($_GET['pg'])){
    $pg = $_GET['pg'];
}else{
    $pg = 'beranda';
}
include 'pages/'.$pg.'.php";
?>
</div>
</div>
<div class="span12" style="margin-top:50px
!important;margin-bottom:50px !important;">&copy; Sistem
Pakar Diagnosa Penyakit Meningitis</div>
</div><!-- container -->
</body>
</html>

```

e. gejala.php

```

<?php
$k=mysql_query("select * from tb_gejala order by nama_gejala
asc");
if($_GET[id]){
    $id=$_GET[id];

    $action="pages/gejala_ubah.php?id=$id";
    $btn="Ubah";
    $aa="select * from tb_gejala where id_gejala=$id";

    $kk=mysql_query($aa);
    $da=mysql_fetch_assoc($kk);
}else{
    $action="pages/gejala_tambah.php";
    $btn="Simpan";
}
if($_GET[form]){
    ?>
<form method="post" action="<?php echo $action?>"
enctype="multipart/form-data">
<table style="width: 600px;">
<tr><td>Nama Gejala</td>
<td><input type="text" name="nama" value="<?php echo
$da['nama_gejala']?>"></td></tr>

<tr><td colspan="2"><input class="btn btn-success"
type="submit" value="<?php echo $btn?>">
</td></tr>
</table>
</form>
<?php

```



```

}
?>
<table class="table" >
<tr><th>No</th>
<th>Nama Gejala</th>

<th>Aksi</th>
<?php
$x=0;
while($d=mysql_fetch_assoc($k)) {
$x++
?>
</tr>
<tr><td><?=$x?></td>
<td><?=$d['nama_gejala']?></td>

<td><a class="btn btn-warning"
href="index.php?pg=gejala&form=1&id=<?=$d[id_gejala]?>">edit
</a>
<a class="btn btn-danger"
href="pages/gejala_hapus.php?id=<?=$d[id_gejala]?>">hapus</a
></td></tr>
<?php
}
?>
</table>
<label><a class="btn btn-success"
href="index.php?pg=gejala&form=1">Tambah</a></label>

```

f. gejala\_tambah.php

```

<?php
include "../conn.php";
$name=$_POST['nama'];

$f="insert into tb_gejala (nama_gejala) values('$name)";
$save=mysql_query($f);
if($save){
header('location:../index.php?pg=gejala');

}else{
echo "gagal";
}
?>

```

g. gejala\_ubah.php

```

<?php
include "../conn.php";
$id=$_GET[id];
$name=$_POST['nama'];

$f="update tb_gejala set nama_gejala='$name' where
id_gejala=$id";
$save=mysql_query($f);
if($save){

```

```

header('location:../index.php?pg=gejala');

}else{
echo "gagal";
}
?>

```

h. gejala\_hapus.php

```

<?php
include "../conn.php";
$id=$_GET[id];
$del=mysql_query("delete from tb_gejala where
id_gejala=$id");
if($del){
header('location:../index.php?pg=gejala');

}else{
echo "gagal";
}
?>

```

i. penyakit.php

```

<?php
$k=mysql_query("select * from tb_penyakit order by
nama_penyakit asc");
if($_GET[id]){
$id=$_GET[id];

$action="pages/penyakit_ubah.php?id=$id";
$btn="Ubah";
$a="select * from tb_penyakit where id_penyakit=$id";

$kk=mysql_query($a);
$da=mysql_fetch_assoc($kk);
}else{
$action="pages/penyakit_tambah.php";
$btn="Simpan";
}
if($_GET[form]){
?>
<form method="post" action="<?php echo $action?>"
enctype="multipart/form-data">
<table>
<tr><td>Nama Penyakit</td>
<td><input type="text" name="nama" value="<?php echo
$da['nama_penyakit']?>"></td></tr>

<tr><td colspan="2"><input class="btn btn-success"
type="submit" value="<?php echo $btn?>">
</td></tr>
</table>
</form>
<?php
}
?>

```

```

<table class="table" border="1" style="width:50%
!important;">
<tr><th>No</th>
<th>Nama Penyakit</th>

<th>Aksi</th>
<?php
$x=0;
while($d=mysql_fetch_assoc($k)) {
$x++
?>
</tr>
<tr><td><?=$x?></td>
<td><?=$d['nama_penyakit']?></td>

<td><a class="btn btn-warning"
href="index.php?pg=penyakit&form=1&id=<?=$d[id_penyakit]?>">
edit</a><a class="btn btn-danger"
href="pages/penyakit_hapus.php?id=<?=$d[id_penyakit]?>">hapu
s</a></td></tr>
<?php
}
?>
</table>
<label><a class="btn btn-success"
href="index.php?pg=penyakit&form=1">Tambah</a></label>

```

j. penyakit\_tambah.php

```

<?php
include "../conn.php";
$nama=$_POST['nama'];

$f="insert into tb_penyakit (nama_penyakit)
values ('$nama')";
$save=mysql_query($f);
if($save){
header('location:../index.php?pg=penyakit');

}else{
echo "gagal";
}
?>

```

k. penyakit\_ubah.php

```

<?php
include "../conn.php";
$id=$_GET[id];
$nama=$_POST['nama'];

$f="update tb_penyakit set nama_penyakit='$nama' where
id_penyakit=$id";
$save=mysql_query($f);
if($save){
header('location:../index.php?pg=penyakit');
}

```

```

}else{
echo "gagal";
}
?>

```

1. penyakit\_hapus.php

```

<?php
include "../conn.php";
$id=$_GET[id];
$del=mysql_query("delete from tb_penakit where
id_penakit=$id");
if($del){
header('location:../index.php?pg=penyakit');
}
}else{
echo "gagal";
}
?>

```

m. aturan.php

```

<?php
$sk=mysql_query("SELECT
`tb_aturan`.*,
`tb_gejala`.`nama_gejala`,
`tb_penakit`.`nama_penakit`
FROM
`meningitis`.`tb_penakit`
INNER JOIN `meningitis`.`tb_aturan`
ON (`tb_penakit`.`id_penakit` =
`tb_aturan`.`id_penakit`)
INNER JOIN `meningitis`.`tb_gejala`
ON (`tb_gejala`.`id_gejala` =
`tb_aturan`.`id_gejala`);");
$ku=mysql_query("select * from tb_gejala order by
nama_gejala asc");
$ku=mysql_query("select * from tb_penakit order by
nama_penakit asc");
if($_GET[id]){
$id=$_GET[id];

$action="pages/aturan_ubah.php?id=$id";
$btn="Ubah";
$a="select * from tb_aturan where id_aturan=$id";

$kk=mysql_query($a);
$da=mysql_fetch_assoc($kk);
}else{
$action="pages/aturan_tambah.php";
$btn="Simpan";
}
if($_GET[form]){
?>
<form method="post" action="<?php echo $action?>"

```

```

enctype="multipart/form-data">
<table>
<tr><td>Pilih Penyakit</td>
<td><select name="penyakit">
<?php
while($dat=mysql_fetch_assoc($kuer)){
?><option value="<?=$dat['id_penyakit']?>" <?php
if($da['id_penyakit'] == $dat['id_penyakit']){ echo
selected;} ?><?php echo $dat['nama_penyakit']?></option>
<?php } ?>
</td></tr>
<tr><td>Pilih Gejala</td>
<td><select name="gejala">
<?php
while($data=mysql_fetch_assoc($kue)){
?><option value="<?=$data['id_gejala']?>" <?php
if($da['id_gejala'] == $data['id_gejala']){ echo selected;}
?><?php echo $data['nama_gejala']?></option>
<?php } ?>
</td></tr>
<tr><td>Probabilitas</td>
<td><input type="text" name="prob"
value="<?=$da['probabilitas']?>"></td>
</tr>
<tr><td colspan="2"><input class="btn btn-success"
type="submit" value="<?php echo $btn?>">
</td></tr>
</table>
</form>
<?php
}
?>
<table class="table">
<tr><th>No</th>
<th>Nama Penyakit</th>
<th>Nama Gejala</th>
<th>Probabilitas</th>
<th>Aksi</th>
<?php
$x=0;
while($d=mysql_fetch_assoc($k)){
$x++
?>
</tr>
<tr><td><?=$x?></td>
<td><?=$d['nama_penyakit']?></td>
<td><?=$d['nama_gejala']?></td>
<td><?=$d['probabilitas']?></td>
<td><a class="btn btn-warning"
href="index.php?pg=aturan&form=1&id=<?=$d[id_aturan]?>">edit
</a><a class="btn btn-danger"
href="pages/aturan_hapus.php?id=<?=$d[id_aturan]?>">hapus</a
></td></tr>
<?php
}
?>
</table>

```

```
<label><a class="btn btn-success"
href="index.php?pg=aturan&form=1">Tambah</a></label>
```

n. aturan\_tambah.php

```
<?php
include "../conn.php";
$penyakit=$_POST['penyakit'];
$gejala=$_POST['gejala'];
$prob=$_POST['prob'];
$f="insert into tb_aturan
(id_penyakit,id_gejala,probabilitas)
values('$penyakit','$gejala','$prob)";
$save=mysql_query($f);
if($save){
header('location:../index.php?pg=aturan');
}
else{
echo "gagal";
}
?>
```

o. aturan\_ubah.php

```
<?php
include "../conn.php";
$id=$_GET[id];
$penyakit=$_POST['penyakit'];
$gejala=$_POST['gejala'];
$prob=$_POST['prob'];
$f="update tb_aturan set
id_penyakit='$penyakit',id_gejala='$gejala',probabilitas='$p
rob' where id_aturan=$id";
$save=mysql_query($f);
if($save){
header('location:../index.php?pg=aturan');
}
else{
echo "gagal";
}
?>
```

p. aturan\_hapus.php

```
<?php
include "../conn.php";
$id=$_GET[id];
$del=mysql_query("delete from tb_aturan where
id_aturan=$id");
if($del){
header('location:../index.php?pg=aturan');
}
else{
echo "gagal";
}
?>
```

q. hasil.php

```
<?php
$dataPerPage = 10;

if(isset($_GET['page']))
{
    $noPage = $_GET['page'];
}
else $noPage = 1;
$offset = ($noPage - 1) * $dataPerPage;
$s=mysql_query("select * from tb_hasil order by id_hasil
desc LIMIT $offset, $dataPerPage");
$jum=mysql_num_rows($s);
?>
<table class="table">
<tr>
<th width="5%">No</th>
<th width='150'>Tanggal uji</th>
<th>Nama</th>
<th>Hasil</th>
<th>Kesimpulan</th>
<th width="10%">Aksi</th>
</tr>
<?php
$d=0;
while($dat=mysql_fetch_assoc($s)){
$d++;
?>
<tr>
<td><?=$d?></td>
<td><?=date('d/m/Y H:i',strtotime($dat['tgl']))?></td>
<td><?=$dat['nama']?></td>
<td><?=$dat['hasil']?></td>
<td><?=$dat['kesimpulan']?></td>
<td><a class="btn btn-danger"
href="pages/hasil_hapus.php?id=<?=$dat['id_hasil']?>">hapus<
/a>
</tr>

<tr>
<?php
}
?>
<td colspan='6' align='right'><div class='pagination'>

<?php
$query = "SELECT COUNT(*) AS jumData FROM tb_hasil";
$hasil = mysql_query($query);
$data = mysql_fetch_array($hasil);
$jumData = $data['jumData'];
// menentukan jumlah halaman yang muncul berdasarkan jumlah
semua data
$jumPage = ceil($jumData/$dataPerPage);
// menampilkan link previous
```

```

if ($noPage > 1) echo "<a
href='\".$_SERVER['PHP_SELF'].\"?pg=hasil&page=\".($noPage-
1).\"'>&lt;&lt; Prev</a>";
// memunculkan nomor halaman dan linknya
for($page = 1; $page <= $jumPage; $page++)
{
    if (($page >= $noPage - 3) && ($page <= $noPage +
3)) || ($page == 1) || ($page == $jumPage))
    {
        if (($showPage == 1) && ($page != 2)) echo
"...";
        if (($showPage != ($jumPage - 1)) && ($page ==
$jumPage)) echo "...";
        if ($page == $noPage) echo " <b
class='active'>\".$page.\"</b> ";

        else echo " <a
href='\".$_SERVER['PHP_SELF'].\"?pg=hasil&page=\".$page.\"'>\".$p
age.\"</a> ";
        $showPage = $page;
    }
}
// menampilkan link next
if ($noPage < $jumPage) echo "<a
href='\".$_SERVER['PHP_SELF'].\"?pg=hasil&page=\".($noPage+1).\"
'>Next &gt;&gt;</a>";
?>
</table>

```

r. hasil\_hapus.php

```

<?php
include "../conn.php";
$id=$_GET[id];
$del=mysql_query("delete from tb_hasil where id_hasil=$id");
if($del){
header('location:../index.php?pg=hasil');
}
else{
echo "gagal";
}
?>

```

s. berita.php

```

<?php
$k=mysql_query("select * from tb_berita order by judul
asc");
if($_GET[id]){
$id=$_GET[id];

$action="pages/berita_ubah.php?id=$id";
$btn="Ubah";
$aa="select * from tb_berita where id_berita=$id";

$kk=mysql_query($aa);

```



```

$da=mysql_fetch_assoc($kk);
}else{
$action="pages/berita_tambah.php";
$btn="Simpan";
}
if($_GET[form]){
?>
<form method="post" action="<?php echo $action?>"
enctype="multipart/form-data">
<table>
<tr><td>Judul Berita</td>
<td><input type="text" name="judul" value="<?php echo
$da['judul']?>"></td></tr>
<tr><td>Isi</td>
<td><textarea id="editor2" class="required" name="isi"
style="width:90%;height:150px;"><?php echo
$da['isi']?></textarea><br>
<script>CKEDITOR.replace( 'editor2' );</script></td></tr>
<tr><td>Foto</td>
<td><input type="file" name="foto" value="<?php echo
$da['foto']?>"></td></tr>

<tr><td colspan="2"><input class="btn btn-success"
type="submit" value="<?php echo $btn?>">
</td></tr>
</table>
</form>
<?php
}else{
?>
<table class="table" style="width:90% !important;">
<tr><th width="5%">No</th>
<th>Judul berita</th>

<th>Isi</th>
<th>Foto</th>
<th>Aksi</th>

<?php
$x=0;
while($d=mysql_fetch_assoc($k)){
$x++
?>
</tr>
<tr><td><?=$x?></td>
<td><?=$d['judul']?></td>
<td><?=substr($d['isi'],0,50)?></td>
<td><img width='70px' src='../images/<?=$d['foto']?>'></td>
<td><a class="btn btn-warning"
href="index.php?pg=berita&form=1&id=<?=$d[id_berita]?>">edit
</a><a class="btn btn-danger"
href="pages/berita_hapus.php?id=<?=$d[id_berita]?>">hapus</a
></td></tr>
<?php
}
?>
</table>

```

```

<label><a class="btn btn-success"
href="index.php?pg=berita&form=1">Tambah</a></label>

<?php
}
?>

```

t. berita\_tambah.php

```

<?php
include "../conn.php";
$judul=$_POST['judul'];

$isi=$_POST['isi'];
$foto=$_POST['foto'];
$fileNamee = $_FILES['foto']['name'];
$fileSizee = $_FILES['foto']['size'];
$tipectypee = $_FILES['foto']['type'];
$fileErrorre = $_FILES['foto']['error'];
$lokasi_filee = $_FILES['foto']['tmp_name'];

if($fileSizee > 0 || $fileErrorre == 0 ){
    $move =
move_uploaded_file($_FILES['foto']['tmp_name'],
'../../images/'.$fileNamee);
    if(!$move){
        echo "Gagal upload
foto";
        exit();
    }
}
$f="insert into tb_berita (judul,isi,foto)
values('$judul','$isi','$fileNamee')";
$save=mysql_query($f);
if($save){
header('location:../index.php?pg=berita');
}
}else{
echo "gagal";
}
?>

```

u. berita\_ubah.php

```

<?php
include "../conn.php";
$id=$_GET[id];
$judul=$_POST['judul'];
$isi=$_POST['isi'];
$foto=$_POST['foto'];
$fileNamee = $_FILES['foto']['name'];
$fileSizee = $_FILES['foto']['size'];
$tipectypee = $_FILES['foto']['type'];
$fileErrorre = $_FILES['foto']['error'];
$lokasi_filee = $_FILES['foto']['tmp_name'];

```

```

if($fileSize > 0 || $fileError == 0 ){
    $move =
move_uploaded_file($_FILES['foto']['tmp_name'],
'../../images/'.$fileName);
    if(!$move){
        echo "Gagal upload
foto";
        exit();
    }
}
if(empty($fileName)){
$f="update tb_berita set judul='$judul',isi='$isi' where
id_berita=$id";
echo $f;

$save=mysql_query($f);
if($save){
header('location:../index.php?pg=berita');

}else{
echo "gagal";
}
}else{
$f="update tb_berita set
judul='$judul',isi='$isi',foto='$fileName' where
id_berita=$id";
$save=mysql_query($f);
if($save){
header('location:../index.php?pg=berita');

}else{
echo "gagal";
}
}
?>

```

v. berita\_hapus.php

```

<?php
include "../conn.php";
$id=$_GET[id];
$d="delete from tb_berita where id_berita=$id";

$del=mysql_query($d);
if($del){
header('location:../index.php?pg=berita');

}else{
echo "gagal";
}
?>

```

### Daftar Nama Responden Kuisiner Alpha Test

No	Nama Responden	P1			P2			P3			P4			P5		
		a	b	c	a	b	c	a	b	c	a	b	c	a	B	c
1	Samidah	-	√	-	-	√	-	-	√	-	-	√	-	-	√	-
2	Almaratus sofia T	-	√	-	-	√	-	-	√	-	-	√	-	-	√	-
3	Tunjono	-	√	-	-	√	-	-	√	-	-	√	-	-	√	-
4	Tri Asmani	-	√	-	-	√	-	-	√	-	-	√	-	-	√	-
5	Walidah	-	√	-	-	√	-	-	√	-	-	√	-	-	√	-
6	Hartatik	√	-	-	√	-	-	√	-	-	√	-	-	√	-	-
7	Reni Astuti	√	-	-	√	-	-	√	-	-	√	-	-	√	-	-
8	Tumiyem	√	-	-	√	-	-	√	-	-	√	-	-	√	-	-
9	Prapti	√	-	-	√	-	-	√	-	-	√	-	-	√	-	-
10	Tri Handayani	√	-	-	√	-	-	√	-	-	√	-	-	√	-	-
11	Mugiyatno	√	-	-	√	-	-	√	-	-	√	-	-	√	-	-
12	Lutfi Anjani	√	-	-	√	-	-	√	-	-	√	-	-	√	-	-
13	Puji Lestari	√	-	-	-	√	-	√	-	-	√	-	-	-	√	-
14	Yuli Astuti	√	-	-	-	√	-	√	-	-	√	-	-	-	√	-
15	Sri Hartati	√	-	-	-	√	-	√	-	-	-	√	-	-	√	-
16	Lisa F	√	-	-	-	√	-	√	-	-	-	√	-	-	√	-
17	Anna Prihati	√	-	-	-	√	-	√	-	-	-	√	-	-	√	-
18	Susanto	√	-	-	-	√	-	-	√	-	-	√	-	-	√	-
19	Ngadiman	√	-	-	-	√	-	-	√	-	-	√	-	-	√	-
20	Sujarni	√	-	-	-	√	-	-	√	-	√	-	-	-	√	-
21	Maratun	-	√	-	√	-	-	-	√	-	√	-	-	-	√	-
22	Namik	-	√	-	√	-	-	-	√	-	√	-	-	-	√	-
23	Tugiman	-	√	-	-	√	-	-	√	-	√	-	-	-	√	-
24	Chabib Z R	√	-	-	-	√	-	-	√	-	√	-	-	-	√	-
25	Novi kurniawan	-	√	-	√	-	-	-	√	-	-	√	-	-	-	√

26	Sifa Ahmad N	-	√	-	-	√	-	√	-	-	-	√	-	-	√	-
27	Hariandi Setiawan	-	√	-	-	√	-	√	-	-	-	√	-	-	√	-
28	Dian Adi P	-	√	-	-	√	-	√	-	-	-	√	-	-	√	-
29	Taufi Windi A	-	√	-	-	√	-	√	-	-	-	√	-	-	√	-
30	Fajar	-	-	√	-	√	-					√	-	√	-	-

Keterangan :

P1 : Pertanyaan nomor 1

P2 : Pertanyaan nomor 2

P3 : Pertanyaan nomor 3

P4 : Pertanyaan nomor 4

P5 : Pertanyaan nomor 5