

## LAMPIRAN 1 KODING

### INDEX

```
<?php
session_start();
include 'functions.php';
if(empty($_SESSION['username']) OR empty($_SESSION['password']) OR
($_SESSION['level']==2)){
    include 'web.php';
}elseif($_SESSION['level']==1){
    include 'dashboard.php';
}
?>
```

### FUNCTIONS

```
<?php
error_reporting(E_ALL ^ (E_NOTICE | E_WARNING));
$site="http://localhost/boyer_moore/";
#-----koneksi
$server = "localhost";
$username = "root" ;
$password = "" ;
$database = "boyer_moore1";

$con = new mysqli($server,$username,$password,$database);
if($con->connect_error){
    die("Koneksi gagal: ".$con->connect_error);
}

#-----menu
function menu(){
    echo '
    <li><a href="?m=user"><i class="glyphicon glyphicon-user"></i>
    USER</a></li>
    <li><a href="?m=filter"><i class="glyphicon glyphicon-
    filter"></i> FILTER</a></li>
    <li><a href="?m=teks"><i class="glyphicon glyphicon-text-
    color"></i> TEKS</a></li>
    <li><a href="?m=matapelajaran"><i class="glyphicon glyphicon-
    comment"></i> MATA PELAJARAN</a></li>
    <li><a href="?m=inputbuku"><i class="glyphicon glyphicon-
    comment"></i> INPUT BUKU</a></li>
```

```
        <li><a href="?m=bukut"><i class="glyphicon glyphicon-  
comment"></i> BUKU TERBIT</a></li>  
        <li><a href="?m=laporan"><i class="glyphicon glyphicon-  
print"></i> LAPORAN</a></li>  
        <li><a href="?m=logout"><i class="glyphicon glyphicon-  
off"></i> LOGOUT</a></li>;  
    }
```

```
#-----modul
```

```
function modul($m,$a){  
    global $site;  
    global $con;  
    if($_SESSION[level]==1){  
        switch($m){  
            case 'user':  
                include 'modul/user.php';  
                break;  
            case 'filter':  
                include 'modul/filter.php';  
                break;  
            case 'teks':  
                include 'modul/teks.php';  
                break;  
            case 'chat':  
                include 'modul/chat.php';  
                break;  
  
            case 'matapelajaran':  
                include 'modul/mt.php';  
                break;  
  
            case 'inputbuku':  
                include 'modul/buku.php';  
                break;  
  
            case 'bukut':  
                include 'modul/bukuterbit.php';  
                break;  
  
            case 'halaman':  
                include 'modul/halaman.php';  
                break;  
            case 'konsultasi':
```

```

        include 'modul/konsultasi.php';
        break;
    case 'laporan':
        include 'modul/laporan.php';
        break;
    case 'logout':
        session_destroy();
        echo "<meta http-equiv='refresh' content='0;url=$site'>";
        break;
    default:
        echo '
        <div class="text-center">
        <h3>Filtering Naskah Soal Siswa Sekolah Dasar</h3>
        <p>Merupakan Aplikasi yang digunakan untuk memfilter
        sebuah naskah soal sebelum diterbitkan, Aplikasi ini bernama<b>Filtana</b>
        menggunakan
        algoritma BoyerMoore dimana algoritma ini sistem pencarian string dari kanan
        ke kiri sampai menemui string yang dicari
        <b></b>.</p>
        </div>;
        break;
    }
}elseif($_SESSION[level]=='' OR $_SESSION[level]=='2'){
    switch($m){
    case 'tentang':
        echo '
        <div class="text-center">
        <h3>Tentang</h3>
        <p>isi halaman tentang</p>
        </div>;
        break;
    case 'panduan':
        echo '
        <div class="text-center">
        <h3>Panduan</h3>
        <p>isi halaman panduan</p>
        </div>;
        break;
    case 'konsultasi':
        include 'modul/konsultasi.php';
        break;
    case 'chat':
        include 'modul/chat.php';
        break;

```

```

        case 'keluar':
            session_destroy();
            echo "<meta http-equiv='refresh' content='0;url=$site'>";
            break;
        default:
            // $shalaman = $con->query("SELECT * FROM halaman
WHERE halaman='beranda'")->fetch_assoc();
            echo '
<div class="text-center">
<h3>Aplikasi Filtering Boyer Moore</h3>
<p>'. $shalaman['isiHalaman']. '</p>
</div>';
            break;
    }
}
}

```

```

function filterKata($str, $size, &$filter){
    for ($i = 0; $i < 256; $i++){
        $filter[$i] = -1;
    }
    for ($i = 0; $i < $size; $i++){
        $filter[ord($str[$i])] = $i;
    }
}

```

```

function xcari($str, $pat) {
    $m = strlen($pat);
    $n = strlen($str);
    $i = 0;

    filterKata($pat, $m, $filter);

    $s = 0;
    while ($s <= ($n - $m)){
        $j = $m - 1;

        while ($j >= 0 && $pat[$j] == $str[$s + $j]){
            $j--;
        }

        if ($j < 0){
            $arr[$i++] = $s;
        }
    }
}

```

```

        $s += ($s + $m < $n) ? $m - $filter[ord($str[$s + $m])] : 1;
    }else{
        $s += max(1, $j - $filter[ord($str[$s + $j])]);
    }
}

for ($j = 0; $j < $i; $j++){
    $result[$j] = $arr[$j];
}

return $result;
}

function cari($id=""){
    global $con;
    #penggunaan_____
    if(isset($id)){
        $sql="SELECT teks FROM teks WHERE idTeks='$id'";
    }else{
        $sql="SELECT teks FROM teks ORDER BY idTeks DESC
LIMIT 1";
    }
    $dataTeks = $con->query($sql)->fetch_assoc();
    $dataTeks = $dataTeks['teks'];
    $dataFilter=$con->query("SELECT filter FROM filter")->fetch_all();

    for($i=0;$i<count($dataFilter);$i++){
        $value[$i] = xcari($dataTeks, $dataFilter[$i][0]);
        $jumlah[$i] = count($value[$i]);
        $kata[$i] = $dataFilter[$i][0];
        //bold merah
        if($jumlah[$i]>0){
            $dataTeks=str_replace($dataFilter[$i][0], '<b
style="color:red;">'. $dataFilter[$i][0]. '</b>', $dataTeks);
        }
    }
    $total = array_sum($jumlah);

    if(empty($total)){
        $s = "(Layak)";
    }else{
        $s = "(Tidak Layak)";
    }
}

```

```

echo "
<table class='table table-bordered table-hover'>
<tr>
<td>Teks</td><td>${dataTeks}</td>
</tr>
<tr>
<td style='width:15%'>Total Kata Terfilter</td><td>${total $s}</td>
</tr>
<tr>
<td rowspan="" .${rs}=(count($jumlah)+1).">Detail</td></tr>";
for($i=0;$i<count($jumlah);$i++){
    if($jumlah[$i]>0){
        echo "<tr><td>${kata[$i]} = ${jumlah[$i]}</td></tr>";
    }
}
echo "
</table>";
}

function redirect($modul=""){
    global $site;
    echo "                <script>
                    window.location='${site}?m=${modul}';
                </script>";
}

function alert($mess=",$modul2="){
    global $site;
    echo "<script>alert('${mess}');
                    window.location='${site}?m=${modul2}';</script>";
}

function confirm(){
    echo "                <script language='JavaScript'>
                    function konfirmasi()
                    {
                    tanya = confirm('Anda Yakin Akan Menghapus Data ?');
                    if (tanya == true) return true;
                    else return false;
                    }
                </script>";
}

?>

```

```

DASHBOARD <!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>ADMIN BOYER MOORE</title>
  <meta name="description" content="">
    <meta name="keyword" content="">
  <meta name="author" content="">
  <!-- Bootstrap Core CSS -->
  <link href="assets/css/bootstrap.min.css" rel="stylesheet">
  <!-- Custom CSS -->
  <link href="assets/css/1-col-portfolio.css" rel="stylesheet">
    <!-- DataTables CSS -->
    <link rel="stylesheet" type="text/css" href="assets/plugins/datatables-
plugins/integration/bootstrap/3/dataTables.bootstrap.min.css">
    <!-- DataTables Responsive CSS -->
    <link href="assets/plugins/datatables-responsive/css/dataTables.responsive.css"
rel="stylesheet">
    <!-- Morris Charts CSS -->
    <link href="assets/plugins/morrisjs/morris.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/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>

  <!-- Navigation -->
  <nav class="navbar navbar-inverse navbar-fixed-top" role="navigation">
    <div class="container">
      <!-- Brand and toggle get grouped for better mobile display -->
      <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target="#bs-example-navbar-collapse-1">
          <span class="sr-only">Toggle navigation</span>

```

```

        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="<?php echo $site;?>">HOME</a>
</div>
<!-- Collect the nav links, forms, and other content for toggling -->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-
1">
    <ul class="nav navbar-nav">
        <?php menu();?>
    </ul>
</div>
<!-- /.navbar-collapse -->
</div>
<!-- /.container -->
</nav>

<div class="container">
    <?php modul($_GET['m'],$_GET['a']);?>
    <hr>
<!-- Footer -->
<footer>
    <div class="row">
        <div class="col-lg-12">
            <p>Copyright @ BOYER MOORE</p>
        </div>
    </div>
<!-- /.row -->
</footer>

</div>
<!-- /.container -->

    <!-- jQuery -->
    <script src="assets/js/jquery.min.js"></script>
    <!-- Bootstrap Core JavaScript -->
    <script src="assets/js/bootstrap.min.js"></script>
    <script
src="assets/plugins/DataTables/media/js/jquery.dataTables.min.js"></script>
    <script src="assets/plugins/datatables-
plugins/integration/bootstrap/3/dataTables.bootstrap.min.js"></script>
    <!-- Morris Charts JavaScript -->

```



```

<script src="assets/plugins/raphael/raphael-min.js"></script>
<script src="assets/plugins/morrisjs/morris.min.js"></script>
<script>
$(document).ready(function() {
    $('#t_1').DataTable({
        responsive: true
    });
});
</script>
</body>
</html>

```

WEB

```

<?php
    if(isset($_POST['login'])){
        $u = $_POST['us'];
        $p = $_POST['pw'];
        $result = $con->query("SELECT * FROM user WHERE username='$u'
AND password='$p'");
        $check = $result->num_rows;
        if ($check > 0){
            $row = $result->fetch_assoc();
            $_SESSION['username'] = $row[username];
            $_SESSION['password'] = $row[password];
            $_SESSION['nama'] = $row[nama];
            $_SESSION['nip'] = $row[nip];
            $_SESSION['level'] = $row[level];
            $_SESSION['id'] = $row[idUser];
        }
        echo "<script>window.location = '$site'; </script>";
    }
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>BOYER MOORE</title>
    <meta name="description" content="">

```

```

        <meta name="keyword" content="">
    <meta name="author" content="">
    <!-- Bootstrap Core CSS -->
    <link href="http://localhost/kuesioner/assets/css/bootstrap.min.css"
rel="stylesheet">
    <!-- Custom CSS -->
    <link href="http://localhost/kuesioner/assets/css/1-col-portfolio.css"
rel="stylesheet">
    <!-- DataTables CSS -->
    <link rel="stylesheet" type="text/css"
href="http://localhost/kuesioner/assets/plugins/datatables-
plugins/integration/bootstrap/3/dataTables.bootstrap.min.css">
    <!-- DataTables Responsive CSS -->
    <link href="http://localhost/kuesioner/assets/plugins/datatables-
responsive/css/dataTables.responsive.css" rel="stylesheet">
    <!-- Morris Charts CSS -->
    <link href="http://localhost/kuesioner/assets/plugins/morrisjs/morris.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/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]-->
<style>
body{background:#20707b;}
</style>
</head>
<body style="background:#4c95a0 url('assets/img/bglogin.png')no-repeat fixed 0
0;">

<div class="container">
    <div class="col-lg-8 col-lg-offset-2">
        <div class="panel panel-default">
            <div class="panel-heading" style="padding:0px;"><b></b></div>
                <hr/>
            </div>
        </div>
    </div>

```

```

        </div> <!-- /panel -->
    <!-- /.row -->

    </div>
</div>
<!-- /.container -->
    <!-- Bootstrap 3.3.6 -->
<link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
<!-- Font Awesome -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.5.0/css/font-awesome.min.css">
<!-- Ionicons -->
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/ionicons/2.0.1/css/ionicons.min.css">
<!-- Theme style -->
<link rel="stylesheet" href="dist/css/AdminLTE.min.css">
<!-- iCheck -->
<link rel="stylesheet" href="plugins/iCheck/square/blue.css">
    <!-- jQuery -->
    <script src="http://localhost/kuesioner/assets/js/jquery.min.js"></script>
    <!-- Bootstrap Core JavaScript -->
    <script src="http://localhost/kuesioner/assets/js/bootstrap.min.js"></script>
    <script
src="http://localhost/kuesioner/assets/plugins/DataTables/media/js/jquery.dataTab
les.min.js"></script>
    <script src="http://localhost/kuesioner/assets/plugins/datatables-
plugins/integration/bootstrap/3/dataTables.bootstrap.min.js"></script>
    <!-- Morris Charts JavaScript -->
    <script src="http://localhost/kuesioner/assets/plugins/raphael/raphael-
min.js"></script>
    <script
src="http://localhost/kuesioner/assets/plugins/morrisjs/morris.min.js"></script>
<script>
// _____ tabulasi
    $(function() { //keep tab
    // for bootstrap 3 use 'shown.bs.tab', for bootstrap 2 use 'shown' in the next line
    $('a[data-toggle="tab"]').on('shown.bs.tab', function (e) {
    // save the latest tab; use cookies if you like 'em better:
    localStorage.setItem('lastTab', $(this).attr('href'));
    });

    // go to the latest tab, if it exists:

```

```

    var lastTab = localStorage.getItem('lastTab');
    if (lastTab) {
        $('[href="" + lastTab + "']").tab('show');
    }
    });
</script>

<!-- Modal Masuk-->

    <!-- Modal content-->
<body class="hold-transition login-page">
<div class="login-box">
    <div class="login-logo">
        <a href=""><b>Aplikasi</b>Filtana</a>
    </div>
    <!-- /.login-logo -->
    <div class="login-box-body">
        <p class="login-box-msg">Form Login</p>

        <form method="post">
            <div class="form-group has-feedback">
                <input type="text" name="us" class="form-control"
placeholder="Username">
                <span class="glyphicon glyphicon-user form-control-feedback"></span>
            </div>
            <div class="form-group has-feedback">
                <input type="password" name="pw" class="form-control"
placeholder="Password">
                <span class="glyphicon glyphicon-lock form-control-feedback"></span>
            </div>
            <div class="row">
                <div class="col-xs-8">
                    <div class="checkbox icheck">
                        <label>
                            <input type="checkbox"> IngaT User
                        </label>
                    </div>
                </div>
            </div>
            <!-- /.col -->
            <div class="col-xs-4">
                <button type="submit" name="login" class="btn btn-primary btn-block btn-
flat">Log In</button>
            </div>

```

```

        <!-- /.col -->
            <?php echo $salah ?>
        </div>
    </form>
    <!-- /.social-auth-links -->
    <a href="daftar.php" class="text-center">Daftar Member</a>

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

<!--/Modal Daftar-->
<!-- jQuery 2.2.3 -->
<script src="plugins/jQuery/jquery-2.2.3.min.js"></script>
<!-- Bootstrap 3.3.6 -->
<script src="bootstrap/js/bootstrap.min.js"></script>
<!-- iCheck -->
<script src="plugins/iCheck/ichack.min.js"></script>
<script>
    $(function () {
        $('input').iCheck({
            checkboxClass: 'icheckbox_square-blue',
            radioClass: 'iradio_square-blue',
            increaseArea: '20%' // optional
        });
    });
</script>
</body>
<script>
    $(document).ready(function() {
        $('#t_1').DataTable({
            responsive: true
        });
    });
</script>

</html>

```

## **FILTER**

```
<?php
global $con;
$result=$con->query("SELECT * FROM filter ORDER BY filter ASC");
switch($a){
    default:
        confirm();
        echo '
            <div class="panel panel-default">
            <div class="panel-heading"><b>DATA
'.strtoupper($m).'</b></div>
            <div class="panel-body">
            <div class="col-lg-12">
                <!-- tabs pane-->
                <div class="tab-
content">
                <a class="btn btn-
primary" href="?m='.$m.'&a=add">Tambah</a>
                <hr/><div
class="dataTable_wrapper">
                <table class="table
table-striped table-bordered table-hover" id="t_1">
                    <thead>
                        <tr>
                            <th style="width: 1%">No</th>
                            <th>Filter Kata</th>
                            <th style="width: 1%">Edit</th>
                            <th style="width: 2%">Delete</th>
                        </tr>
                    </thead>
                    <tbody>';
        $no=0;
```

```

while($r = $result->fetch_assoc()){

    $no++;

    echo '<tr class="odd gradeX">

        <td>'.$no.'</td>

        <td>'.$r[filter].</td>

        <td class="text-center"><a
href="?m='.$m.'&a=edit&id='.$r[idFilter].'"><i class="glyphicon glyphicon-
edit"></i> </a></td>

        <td class="text-center"><a
href="?m='.$m.'&a=delete&id='.$r[idFilter].'"><i class="glyphicon glyphicon-
remove" onclick="return konfirmasi()"></i></a></td>

    </tr>;

}

echo '</tbody>

</table>

</div>

<!-- /.table-responsive -->
</div>
</div>
</div>
</div> <!-- /panel -->;

break;

case 'add':
    echo '
        <div class="col-lg-5">
        <div class="panel panel-default">
        <div class="panel-heading"><b>ADD DATA
'.strtoupper($m).'</b></div>
        <div class="panel-body">

```

```

        <!--<div class="col-lg-5">-->
            <form class="form-inline" action=""
method="POST">
                <table class="table">
                    <tr>
                        <td><b>Filer Kata</b></td>
                        <td><input type="text" name="fk" class="form-
control" required></td>
                    </tr>
                    <tr>
                        <td colspan="2" class="text-center">
                            <button type="submit" name="submit" class="btn
btn-primary">Simpan</button>
                            <a href="?m=!. $m." type="submit" class="btn btn-
primary">Batal</a>
                        </td>
                    </tr>
                </table>
            </form>
        <!--</div> -->
    </div>
</div> <!-- /panel -->
</div>
<div class="row"></div>;
//proses
if(isset($_POST['submit'])){
    $fk= $_POST['fk'];
    $r = $con->query("INSERT INTO filter (filter
VALUES ('$fk')");
    if($r===true){
        redirect($m);
    }else{
        echo 'Gagal '.$con->error;
    }
}
break;

case 'edit':
    $r = $con->query("SELECT * FROM filter WHERE idFilter =
'$_GET[id]')->fetch_assoc();
    echo '
        <div class="col-lg-5">
        <div class="panel panel-default">

```



```

        <div class="panel-heading"><b>EDIT DATA
'.strtoupper($m).!</b></div>
        <div class="panel-body">
        <!--<div class="col-lg-5">-->
            <form class="form-inline" action=""
method="POST">
                <table class="table">
                <tr>
                <td><b>Filter Kata</b></td>
                <td><input type="text" name="fk"
value="".$r[filter]."" class="form-control" required></td>
                </tr>
                <tr>
                <td colspan="2" class="text-center">
                <input type="hidden" name="id"
value="".$_GET[id]."">
                <button type="submit" name="submit" class="btn
btn-primary">Simpan</button>
                <a href="?m='.$m.'" type="submit" class="btn btn-
primary">Batal</a>
                </td>
                </tr>
                </table>
            </form>
        <!--</div> -->
    </div>
</div> <!-- /panel -->
</div>
<div class="row"></div>;
//proses
if(isset($_POST['submit'])){
    $fk = $_POST['fk'];
    $id = $_POST['id'];
    $r = $con->query("UPDATE filter SET filter='$fk'
WHERE idFilter='$id'");
    if($r===true){
        redirect($m);
    }else{
        echo 'Gagal '.$con->error;
    }
}
break;

```