DAFTAR LAMPIRAN

1. Tabel klasifikasi ketinggian air sungai Paju

(berdasarkan gambar 4.19)

Selected attribute
Name: Ketinggian   Type: Nominal
Missing: 0 (0%)   Distinct: 65   Unique: 8 (3%)

No.	Label	Count	Weight
1	198.57	1	1.0
2	203.87	1	1.0
3	202.07	5	5.0
4	204.28	9	9.0
5	203.57	9	9.0
6	204.48	5	5.0
7	213.65	14	14.0
8	215.57	1	1.0
9	212.67	3	3.0
10	213.27	1	1.0
11	214.28	5	5.0

Selected attribute
Name: Ketinggian   Type: Nominal
Missing: 0 (0%)   Distinct: 65   Unique: 8 (3%)

No.	Label	Count	Weight
11	214.28	5	5.0
12	213.57	5	5.0
13	212.48	5	5.0
14	242.57	5	5.0
15	253.87	1	1.0
16	242.07	1	1.0
17	234.28	1	1.0
18	243.57	9	9.0
19	234.48	5	5.0
20	253.65	5	5.0
21	245.57	7	7.0

Selected attribute
Name: Ketinggian   Type: Nominal
Missing: 0 (0%)   Distinct: 65   Unique: 8 (3%)

No.	Label	Count	Weight
21	245.57	7	7.0
22	222.67	7	7.0
23	233.27	9	9.0
24	244.28	11	11.0
25	253.57	9	9.0
26	262.48	9	9.0
27	243.65	9	9.0
28	223.87	2	2.0
29	222.07	6	6.0
30	224.28	12	12.0
31	223.57	12	12.0

Selected attribute
Name: Ketinggian   Type: Nominal
Missing: 0 (0%)   Distinct: 65   Unique: 8 (3%)

No.	Label	Count	Weight
31	223.57	12	12.0
32	224.48	2	2.0
33	223.65	2	2.0
34	242.67	2	2.0
35	243.27	2	2.0
36	242.48	4	4.0
37	213.87	8	8.0
38	212.07	4	4.0
39	214.48	4	4.0
40	225.57	4	4.0
41	232.67	4	4.0

Name: Ketinggian
Missing: 0 (0%)
Type: Nominal
Distinct: 65
Unique: 8 (3%)

No.	Label	Count	Weight
41	232.67	4	4.0
42	223.27	2	2.0
43	233.87	4	4.0
44	212.65	4	4.0
45	224.07	4	4.0
46	232.48	4	4.0
47	235.57	4	4.0
48	198.47	4	4.0
49	193.65	4	4.0
50	205.57	4	4.0
51	202.67	4	4.0

Name: Ketinggian
Missing: 0 (0%)
Type: Nominal
Distinct: 65
Unique: 8 (3%)

No.	Label	Count	Weight
51	202.67	4	4.0
52	203.27	4	4.0
53	202.48	4	4.0
54	203.65	4	4.0
55	211.87	2	2.0
56	211.07	2	2.0
57	213.28	2	2.0
58	214.57	2	2.0
59	215.48	2	2.0
60	216.65	2	2.0
61	211.67	2	2.0

Name: Ketinggian
Missing: 0 (0%)
Type: Nominal
Distinct: 65
Unique: 8 (3%)

No.	Label	Count	Weight
55	211.87	2	2.0
56	211.07	2	2.0
57	213.28	2	2.0
58	214.57	2	2.0
59	215.48	2	2.0
60	216.65	2	2.0
61	211.67	2	2.0
62	234.27	2	2.0
63	223.28	2	2.0
64	214.27	1	1.0
65	215.28	2	2.0

2. **Tabel klasifikasi ketinggian air sungai Sekayu**

(berdasarkan gambar 4.23)

Name: Ketinggian
Missing: 0 (0%)
Type: Nominal
Distinct: 90
Unique: 42 (12%)

No.	Label	Count	Weight
1	228.98	1	1.0
2	232.57	1	1.0
3	237.57	6	6.0
4	224.87	4	4.0
5	241.07	2	2.0
6	237.28	1	1.0
7	224.57	6	6.0
8	210.48	1	1.0
9	217.65	3	3.0
10	217.57	5	5.0
11	231.07	6	6.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
11	231.07	6	6.0
12	219.28	2	2.0
13	221.57	3	3.0
14	242.48	6	6.0
15	229.28	1	1.0
16	231.57	17	17.0
17	227.65	1	1.0
18	244.87	4	4.0
19	259.28	3	3.0
20	251.57	4	4.0
21	237.65	7	7.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
21	237.65	7	7.0
22	224.67	4	4.0
23	231.27	4	4.0
24	249.28	5	5.0
25	252.48	5	5.0
26	212.57	4	4.0
27	223.87	1	1.0
28	245.07	1	1.0
29	223.28	2	2.0
30	234.57	8	8.0
31	254.48	1	1.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
31	254.48	1	1.0
32	221.65	1	1.0
33	234.67	5	5.0
34	245.27	1	1.0
35	222.57	1	1.0
36	214.48	5	5.0
37	234.65	12	12.0
38	247.57	1	1.0
39	247.65	1	1.0
40	232.87	7	7.0
41	224.07	11	11.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
41	224.07	11	11.0
42	245.28	16	16.0
43	235.57	7	7.0
44	246.48	11	11.0
45	232.65	7	7.0
46	243.57	12	12.0
47	222.67	12	12.0
48	239.27	11	11.0
49	234.28	15	15.0
50	224.48	8	8.0
51	213.87	3	3.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
51	213.87	3	3.0
52	212.07	3	3.0
53	223.57	11	11.0
54	223.65	3	3.0
55	215.57	4	4.0
56	213.27	3	3.0
57	212.48	3	3.0
58	213.65	3	3.0
59	234.87	4	4.0
60	245.48	4	4.0
61	233.65	4	4.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
61	233.65	4	4.0
62	264.57	1	1.0
63	262.87	1	1.0
64	264.07	1	1.0
65	245.57	2	2.0
66	256.48	1	1.0
67	262.65	1	1.0
68	263.57	1	1.0
69	242.67	1	1.0
70	249.27	1	1.0
71	224.65	1	1.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
71	224.65	1	1.0
72	242.57	1	1.0
73	253.87	1	1.0
74	242.07	1	1.0
75	234.48	1	1.0
76	253.65	1	1.0
77	233.27	1	1.0
78	244.28	1	1.0
79	253.57	1	1.0
80	262.48	1	1.0
81	243.65	1	1.0

Selected attribute

Name: Ketinggian
Missing: 0 (0%) Distinct: 90 Type: Nominal
Unique: 42 (12%)

No.	Label	Count	Weight
	202.10	1	1.0
81	243.65	1	1.0
82	212.87	1	1.0
83	214.07	1	1.0
84	215.28	1	1.0
85	226.48	1	1.0
86	212.65	1	1.0
87	219.27	1	1.0
88	224.28	1	1.0
89	211.57	1	1.0
90	214.65	1	1.0

3. Script pengujian white box login (berdasarkan tabel 4.5)

Node	Source Code

1	```php
	<?php
	    session_start();
	    include "sensor/koneksi.php";
	    $aksi=isset($_GET['aksi'])?$_GET['aksi']:"";
	``

2	```php
	if($aksi=="login"){
	    $user=$_POST['username'];
	    $password=md5($_POST['password']);
	    $query="select * from user where user='$user' and
	password='$password'";
	    $hasil=mysql_query($query) or die (mysql_error());
	    $jumlah=mysql_num_rows($hasil);
	``

3	```php
	if ($jumlah>0)
	{
	    $_SESSION['user']=$user;
	    $_SESSION['password']=$password;
	?>
	<script>
	    window.alert('Login Sukses !');
	    window.location=(href='sensor/index.php');
	</script>
	<?php
	``

	`}`
| 4 | ```php
else
{
?>
<script>
        window.alert('Login Gagal !');
        window.location=(href='index.php');
</script>
<?php
        }
}
?>
``` |
| 5 | ```html
<!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>Login Sistem DAS</title>


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

	`</head>`

6	`<body>`
	
	`<div class="col-md-4 col-md-offset-4 form-login">`
	
	`<?php`
	
	`/* handle error */`
	
	`if (isset($_GET['error'])) : ?>`
	
	`<div class="alert alert-warning alert-dismissible"`
	`role="alert">`
	
	`<button type="button" class="close" data-dismiss="alert"`
	`aria-label="Close">`
	
	`<span aria-hidden="true">×</span>`
	
	`</button>`
	
	`<strong>Warning!</strong>`
	`<?=base64_decode($_GET['error']);?>`
	
	`</div>`
	
	`<?php endif;?>`

7	`<div class="outter-form-login">`
	
	`<div class="logo-login">`
	
	`<em class="glyphicon glyphicon-user"></em>`
	
	`</div>`
	
	`<form name="login" action="login.php?aksi=login"`
	`class="inner-login" method="post">`

```
          <h3 class="text-center title-login">Login Sistem
DAS</h3>
          <div class="form-group">
            <input type="text" class="form-control"
name="username" placeholder="Username">
          </div>


          <div class="form-group">
            <input type="password" class="form-control"
name="password" placeholder="Password">
          </div>


          <input type="submit" class="btn btn-block btn-
custom-green" value="LOGIN" />


          <div class="text-center forget">
            <p>Forgot Password ?</p>
          </div>
        </form>
    </div>
  </div>
<script src="assets/js/jquery.min.js"></script>
  <script src="assets/js/bootstrap.min.js"></script>
```

	</body>
	</html>

4. Script pengujian white box index (berdasarkan tabel 4.9)

Node	Source Code

1	```php
	<?php
	    session_start();
	    include "koneksi.php";
	    $aksi=isset($_GET['aksi'])?$_GET['aksi']:"";
	``

2	```php
	if($aksi=="login"){
	    $user=$_POST['username'];
	    $password=md5($_POST['password']);
	    $query="select * from user where user='$user' and
	password='$password'";
	    $hasil=mysql_query($query) or die (mysql_error());
	    $jumlah=mysql_num_rows($hasil);
	``

3	```php
	if ($jumlah>0)
	    {
	        $_SESSION['user']=$user;
	        $_SESSION['password']=$password;
	    ?>
	<script>
	    window.alert('Login Sukses !');
	``

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	window.location=(href='sensor/index.php');
	</script>
	<?php
	}
4	else
	{
	?>
	<script>
	window.alert('Login Gagal !');
	window.location=(href='index.php');
	</script>
	<?php
	}
	}
	?>
5	<!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>
	<title>Capture Data</title>
	<meta http-equiv="Content-Type" content="text/html;

	charset=utf-8" />
	<meta charset="utf-8">
	<meta http-equiv="X-UA-Compatible" content="IE=edge">
	<meta name="viewport" content="width=device-width, initial-scale=1">
	<link rel="stylesheet" href="../css/css/bs.css">
	<link rel="stylesheet" href="../css/css/table.css">
	<script type="text/javascript" src="../js/jquery.js"></script>
	<script type="text/javascript" src="../js/jquery-1.3.2.js"></script>
	<link rel="stylesheet" href="../css/css/style.css">
	<script type="text/javascript" src="../js/jquery-3.1.1.min.js"></script>
	<link rel="stylesheet" type="text/css" href="../css/css/style_i.css">
| 6 | ```php
<?php
        mysql_connect("localhost","root","raspberry");
        mysql_select_db("Sungai");
        $gpio_ON = exec('sudo python sensor.py');
        $gpio_ON1 = exec('sudo python sensor2.py');
``` |

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	date_default_timezone_set('Asia/Jakara');
	
	date();
	
	$today = date("Y-m-d H:i:s",time()+60*60*7);
	
	?>
	
	</head>

7	`<div style="` width:100%; height:768px; background:url(../images/biru.jpg) fixed; background-size:cover; "> `<div class="tumpang">` `<center><h1>Sistem Monitoring</h1></center>` `<center><h2>DAS (Daerah Aliran` Sungai)`</h2></center>` `<form method="post" action="input.php">` `<table>` `<tr>` `<td>Sungai Sekayu</td>` `<td><input type="text" name="jarak" value="<?php` echo htmlspecialchars($gpio_ON); ?>"></td>`  `<td><input type="submit" name="sungai1"`

```
value="Capture Data" class="btn"></td>

</tr>

</form>



<form method="post" action="input2.php">

<tr>                                        <td>Sungai

Paju</td>                                  <td><input

type="text" name="jarak" value="<?php echo

htmlspecialchars($gpio_ON1); ?>"></td>

                    <td><input type="submit"

name="sungai2" value="Capture Data" class="btn"></td>

</tr>

</table>

</form>



<center></center>

<div class="daftar"><a href="#myModal" role="button" data-

toggle="modal"></a></div>

</div>

<div id="adah">

<a href="#">

<div id="kotak1">   Hello

</div>
```

	`</a>`
8	`<div class="sekayu"><a href="#"><div id="kotak">   Tentang DAS</div></a></div>`
| 9 | ```
<script type="text/javascript">
        $(document).ready(function(){
        $('.sekayu').click(function(){
        $('#modal-kotak , #bg').fadeIn("slow");
        return false;
        });                              $('.tombol-
tutup').click(function(){
        $('#modal-kotak , #bg').fadeOut("slow");
        });
});
</script>
``` |
| 10 | ```
<div id="bg"></div>
    <div id="modal-kotak">
        <div id="atas">
<form name="sekayu" action="index.php?aksi=sekayu"
method="POST">
<center>
<h2>Daerah Aliran Sungai (DAS) </h2>
<h4>Merupakan suatu wilayah daratan yang merupakan satu
``` |

	kesatuan dengan sungai dan anak-anak sungainya yang berfungsi menampung, menyimpan dan mengalirkan air yang berasal dari curah hujan ke danau atau laut secara alami, yang batas di darat merupakan pemisah topografi dan batas di laut sampai dengan daerah perairan yang masih terpengaruh aktivitas di daratan. </h4> Undang-Undang Nomor 7 Tahun 2004 </center> </form> </div> <div id="bawah"> <button id="tombol-tutup" class="tombol-tutup">CLOSE</button> </div> </div>
11	<div class="paju"><div id="kotak"> Lihat Data</div></div>
12	<script type="text/javascript"> $(document).ready(function(){ $('.paju').click(function(){ $('#modal-kotakdaftar , #bg').fadeIn("slow");

	return false; }); $('.tombol-tutup').click(function(){ $('#modal-kotakdaftar , #bg').fadeOut("slow"); }); }); </script>
13	<div id="bf"></div> <div id="modal-kotakdaftar"> <div id="atas"> <form name="paju" action="index.php?aksi=paju" method="POST"> <center><h2>Sungai Sekayu</h2></center> <table> <tr> <td>ID</td> <td>Tanggal</td> <td>Ketinggian</td> </tr> <?php $item=3; $page=isset($_GET[page])?$_GET['page']:1; $mulai=($page>1)?($page * $item)-$item:0;

```php
$result=mysql_query("select * from sekayu");

$total=mysql_num_rows($result);

$pages=ceil($total/$item);

$query=mysql_query("select * from sekayu limit $mulai,

$item")or die (mysql_error);

        $no=$mulai+1;

while ($r=mysql_fetch_assoc($query)){

?>

<tr>

<td><?=$r['id']?></td>

<td><?=$r['Tanggal']?></td>

<td><?=$r['Ketinggian']?></td>

</tr>

<?php

}

?>

</table>

<div>

<?php for ($i=1; $i<=$pages ; $i++){?>

<a href="item=<?php echo $i;?>"><?php echo $i;?></a>

<?php

        }
```

```php
?>

</div>

<center><h2>Sungai Paju</h2></center>

<table>

<tr>

<td>ID</td>

<td>Tanggal</td>

<td>Ketinggian</td>

</tr>

<?php

$item=3;

$page=isset($_GET[page])?$_GET['page']:1;

$mulai=($page>1)?($page * $item)-$item:0;

$result=mysql_query("select * from paju");

$total=mysql_num_rows($result);

$pages=ceil($total/$item);

$query=mysql_query("select * from paju limit $mulai,

$item")or die (mysql_error);

$no=$mulai+1;

while ($r=mysql_fetch_assoc($query)){

?>

<tr>

<td><?=$r['id']?></td>
```

| | ```
<td><?=$r['Tanggal']?></td>

<td><?=$r['Ketinggian']?></td>

</tr>

<?php

}

?>

</table>

<div>

<?php for ($i=1; $i<=$pages ; $i++){?>

<a href="item=<?php echo $i;?>"><?php echo $i;?></a>

<?php

}

?>

</div>

</div>

<div id="bawah">

<center><button id="tombol-tutup" class="tombol-tutup">CLOSE</button>

</center>

</form>

</div>

</div>
``` |
| 14 | ```
<a href="../logout.php" onClick='return logout()'><div
``` |

	id="kotak2"> Sign Out</div>

15	```
	<script>
	
	    function logout() {
	
	    if (confirm ("Apakah anda yakin akan logout ?"))
	
	{
	
	return true;
	
	}
	``

16	```
	else{
	
	        return false;
	
	        }
	
	    }
	
	    function hapus() {
	
	        if (confirm ("Apakah anda yakin akan logout ?")){
	
	        return true;
	
	        }else{
	
	        return false;
	
	        }
	
	    }
	
	    </script>
	``

17	``` <script src="js/jquery.min.js"></script> <script src="js/bootstrap.min.js"></script> <script src="dist/js/jquery.gridder.js"></script> ```

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```
<script>
  jQuery(document).ready(function ($) {
    $(".gridder").gridderExpander({
      scrollOffset: 60,
      scrollTo: "panel", // "panel" or "listitem"
      animationSpeed: 400,
      animationEasing: "easeInOutExpo",
      onStart: function () {
        console.log("Gridder Inititialized");
      },
      onExpanded: function (object) {
        console.log("Gridder Expanded");
        $(".carousel").carousel();
      },
      onChanged: function (object) {
        console.log("Gridder Changed");
      },
      onClosed: function () {
        console.log("Gridder Closed");
      }
    });
  });
</script>
```

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	</div>
	</div>
	</body>
</html>	