

DOKUMENTASI PROJEK AKHIR
PEMROGRAMAN PLATFORM KHUSUS - K



ANGGOTA KELOMPOK

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A. Normalisasi Tabel

Normalisasi tabel menjadi dua tabel, yaitu :

a. Club

Ada 20 club yang masing masing diberi id

b. Jadwal

Ada 380 jadwal berisi id, week, tanggal, home, dan away. Untuk home dan away diisi id dari masing masing club yang ada di tabel Club

B. Source Code

a. Web service club

```
1 <?php REQUIRE_ONCE('koneksi.php');
2 for($i = 1; $i <= 20; $i++) {
3     ${'QUERY'.'. $i'} = MYSQLI_QUERY($conn,"SELECT * FROM club WHERE
id = $i");
4     ${'club'.'. $i'} = new stdClass;
5     ${'row'.'. $i'} = MYSQLI_FETCH_ASSOC(${'QUERY'.'. $i'});
6     ${'club'.'. $i'}-> id = ${'row'.'. $i'}['id'];
7     ${'club'.'. $i'}-> nama = ${'row'.'. $i'}['nama'];
8     $array[] = ${'club'.'. $i'};
9 }
10 header('Content-Type:application/json;charset=utf-8');
11 ECHO JSON_ENCODE($array);
12 MYSQLI_CLOSE($conn);
13 ?>
```

b. Web service jadwal

```
1 <?php REQUIRE_ONCE('koneksi.php');
2 for($i = 1; $i <= 380; $i++) {
3     ${'QUERY'.'. $i'} = MYSQLI_QUERY($conn,"SELECT * FROM jadwal WHERE
id = $i");
4     ${'jadwal'.'. $i'} = new stdClass;
5     ${'row'.'. $i'} = MYSQLI_FETCH_ASSOC(${'QUERY'.'. $i'});
6     ${'jadwal'.'. $i'}-> id = ${'row'.'. $i'}['id'];
7     ${'jadwal'.'. $i'}-> week = ${'row'.'. $i'}['week'];
8     ${'jadwal'.'. $i'}-> date = ${'row'.'. $i'}['date'];
9     ${'jadwal'.'. $i'}-> home = ${'row'.'. $i'}['home'];
10    ${'jadwal'.'. $i'}-> away = ${'row'.'. $i'}['away'];
11    $array[] = ${'jadwal'.'. $i'};
12 }
13 header('Content-Type:application/json;charset=utf-8');
14 ECHO JSON_ENCODE($array);
15 MYSQLI_CLOSE($conn);
16 ?>
```

c. App.js

```
1 var Application = {
2     initApplication: function () {
3         $(window).load('pageinit', '#page-one', function () {
4             Application.initShowClub();
5         })
6         $(document).on('click', '#jenis-pertandingan', function () {
7             {
8                 var idclub = $(this).data('idclub');
9                 Application.initShowJenis(idclub);
10             }
11         })
12         $(document).on('click', '#weekhome', function () {
```

```

11         var idclub = $(this).data('idclub');
12         Application.initShowWeekHome(idclub);
13     })
14     $(document).on('click', '#weekaway', function () {
15         var idclub = $(this).data('idclub');
16         Application.initShowWeekAway(idclub);
17     })
18     $(document).on('click', '#detailpertandinganhome',
19 function () {
20     var idclub = $(this).data('idclub');
21     var week = $(this).data('week');
22     Application.initShowDetailPertandinganHome(idclub,
23 week);
24 })
25     $(document).on('click', '#detailpertandinganaway',
26 function () {
27     var idclub = $(this).data('idclub');
28     var week = $(this).data('week');
29     Application.initShowDetailPertandinganAway(idclub,
30 week);
31 })
32 },
33     initShowClub: function () {
34         $.ajax({
35             url: 'http://localhost/projekppk/club.php',
36             type: 'get',
37             success: function (dataObject) {
38                 for (var i = 0; i < dataObject.length; i++) {
39                     var appendList = '<li><a href="#page-
40 two?id='+dataObject[i].id +'"target="_self" id="jenis-
41 pertandingan" data-idclub="'+ dataObject[i].id +' "><h2>' +
42 dataObject[i].nama + '</h2></a></li>'
43                 $('#list-club').append(appendList);
44             }
45             $('#list-club').listview('refresh');
46         },
47     );
48 },
49     initShowJenis: function (idclub) {
50         $.ajax({
51             url: 'http://localhost/projekppk/club.php',
52             type: 'get',
53             success: function (dataObject) {
54                 $('#p-nama').empty();
55                 for (var i = 0; i < dataObject.length; i++) {
56                     if (dataObject[i].id == idclub) {
57                         $('#p-nama').append(dataObject[i].nama);
58                     }
59                 }
60                 $('#list-jenis').empty();
61                 var appendList = '<li><a href="#page-threehome"
62 "target="_self" id="weekhome" data-
63 idclub="'+idclub+' "><h2>Home</h2></a></li>'
64                 $('#list-jenis').append(appendList);
65                 var appendList = '<li><a href="#page-threeway"
66 "target="_self" id="weekaway" data-
67 idclub="'+idclub+' "><h2>Away</h2></a></li>'

```

[illegible]

107	var appendList = '<h2>Melawan
	' + dataObject2[(dataObject[i].away-1)].nama + '</h2><p>Minggu ke-
	' + week + '</p><p>' + dataObject[i].date + '</p>'
108	\$('#list-
	detailpertandinganhome').append(appendList);
109	}
110	}
111	}
112	\$('#list-
	detailpertandinganhome').listview('refresh');
113	},
114	});
115	},
116	});
117	},
118	initShowDetailPertandinganAway: function (idclub, week) {
119	\$.ajax({
120	url: 'http://localhost/projekppk/jadwal.php',
121	type: 'get',
122	success: function (dataObject) {
123	\$.ajax({
124	url: 'http://localhost/projekppk/club.php',
125	type: 'get',
126	success: function (dataObject2) {
127	\$('#list-detailpertandinganaway').empty();
128	for (var i = 0; i < dataObject.length; i++) {
129	if (dataObject[i].week == week) {
130	if (dataObject[i].away == idclub) {
131	var appendList = '<h2>Melawan
	' + dataObject2[(dataObject[i].home-1)].nama + '</h2><p>Minggu ke-
	' + week + '</p><p>' + dataObject[i].date + '</p>'
132	\$('#list-
	detailpertandinganaway').append(appendList);
133	}
134	}
135	}
136	\$('#list-
	detailpertandinganaway').listview('refresh');
137	},
138	});
139	},
140	});
141	}
142	}

d. Index.html

1	<!DOCTYPE html>
2	<html>
3	<head>
4	<meta name="viewport" content="width=device-width,
	initial-scale=1">
5	<link rel="stylesheet" type="text/css"
	href="css/jquery.mobile-1.4.5.min.css"/>
6	<script src="js/jquery-1.11.1.js"
	type="text/javascript"></script>
7	<script src="js/jquery.mobile-1.4.5.min.js"
	type="text/javascript"></script>

```

8 </head>
9 <body>
10     <!-- halaman pertama -->
11     <div data-role="page" id="page-one">
12         <div data-role="header">
13             <h1>Jadwal Sepak Bola</h1>
14         </div>
15         <div role="main" class="ui-content">
16             <ul id="list-club" data-role="listview" data-
insert="true" data-filter="true"></ul>
17         </div>
18     </div>
19     <!-- halaman kedua -->
20     <div data-role="page-two" id="page-two">
21         <div data-role="header">
22             <h1 id="p-nama"></h1>
23         </div>
24         <div role="main" class="ui-content">
25             <ul id="list-jenis" data-role="listview" data-
insert="true" data-filter="true"></ul>
26         </div>
27     </div>
28     <!-- halaman ketiga home -->
29     <div data-role="page-threehome" id="page-threehome">
30         <div data-role="header">
31             <h1>Home</h1>
32         </div>
33         <div role="main" class="ui-content">
34             <ul id="list-weekhome" data-
role="listview" data-insert="true" data-filter="true"></ul>
35         </div>
36     </div>
37     <!-- halaman ketiga away -->
38     <div data-role="page-threeaway" id="page-threeaway">
39         <div data-role="header">
40             <h1>Away</h1>
41         </div>
42         <div role="main" class="ui-content">
43             <ul id="list-weekaway" data-
role="listview" data-insert="true" data-filter="true"></ul>
44         </div>
45     </div>
46     <!-- halaman keempat home -->
47     <div data-role="page-four" id="page-four">
48         <div data-role="header">
49             <h1>Detail Pertandingan</h1>
50         </div>
51         <div role="main" class="ui-content">
52             <ul id="list-detailpertandinganhome" data-
role="listview"></ul>
53         </div>
54     </div>
55     <!-- halaman keempat away -->
56     <div data-role="page-fouraway" id="page-fouraway">
57         <div data-role="header">
58             <h1>Detail Pertandingan</h1>
59         </div>

```

60	<div role="main" class="ui-content">
61	<ul id="list-
	detailpertandinganaway" data-role="listview">
62	</div>
63	</div>
64	<!-- script -->
65	<script src="js/app.js" type="text/javascript"></script>
66	<script>Application.initApplication();</script>
67	</body>
68	</html>
69	</html>

C. Screenshot

1. Menampilkan Man Utd, Home, Week 1, Week 3, Week 6

Jadwal Sepak B...		Man Utd		Home	
<input type="text" value="Filter items..."/>		<input type="text" value="Filter items..."/>		<input type="text" value="Filter items..."/>	
Man Utd	>	Home	>	Week 1	>
Newcastle United	>	Away	>	Week 3	>
Bournemouth	>			Week 6	>
Leicester City	>			Week 8	>
Spurs	>			Week 10	>
Cardiff City	>			Week 13	>
Detail Pertandi...		Detail Pertandi...		Detail Pertandi...	
Melawan Leicester City		Melawan Spurs		Melawan Wolves	
Minggu ke-1		Minggu ke-3		Minggu ke-6	
2018-08-10		2018-08-27		2018-09-22	

2. Menampilkan Chelsea, Away, Week 1, Week 3, Week 6

Jadwal Sepak B...		Chelsea	Away
<div><div>Q chelsea</div><div>X</div></div>	<div><div>Q Filter items...</div></div>	<div><div>Q Filter items...</div></div>	
Chelsea	Home	Week 1	
	Away	Week 3	
		Week 6	
		Week 8	
		Week 10	
		Week 13	
Detail Pertandi...	Detail Pertandi...	Detail Pertandi...	
Melawan Huddersfield Town	Melawan Newcastle United	Melawan West Ham	
Minggu ke-1	Minggu ke-3	Minggu ke-6	
2018-08-11	2018-08-26	2018-09-23	