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DAFTAR RIWAYAT HIDUP

Data Pribadi

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Tempat/Tanggal Lahir : Kebumen, 8 Mei 1998
Jenis Kelamin : Perempuan
Agama : Islam
Status : Belum Menikah
Nama Ayah : Fauzin Hanafi
Pekerjaan : Petani
Nama Ibu : Yasini Nur Hidayanti
Pekerjaan : Petani
Alamat Orang Tua : Karangduwur, Kec. Ayah, Kab. Kebumen

Riwayat Pendidikan

Sekolah Dasar : MI Sultan Agung Karangduwur Lulus 2010
Sekolah Menengah Pertama : MTs Sultan Agung Sрати Lulus 2013
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Perguruan Tinggi : S1 TI UNUGHA Cilacap Lulus 2021

LAMPIRAN-LAMPIRAN

Lampiran 1 Source Code

Source code index.php

```
<!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=1.0">
  <title>Beranda</title>
  <link rel="shortcut icon" href="images/bmkg.jpeg">
  <!-- font awesome cdn link -->
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css">

  <!-- custom css file link -->
  <link rel="stylesheet" href="css/style.css">

</head>
<body>

<!-- header section starts -->

<header>

  <input type="checkbox" name="" id="togglер">
  <label for="togglер" class="fas fa-bars"></label>

  <a href="#" class="logo"> BMKG<span>
Cilacap</span></a>

  <nav class="navbar">
    <a href="#home">Beranda</a>
    <a href="peta.php">Maps</a>
    <a href="cuaca.php">Cuaca</a>
    <a href="grafik.php">Grafik</a>
  </nav>

</header>
```

```

<!-- header section ends -->

<!-- home section starts -->

<section class="home" id="home">

    <div class="content">
        <h3>Sistem Informasi</h3>
        <span> Prakiraan Cuaca </span>
        <p>Sistem Informasi Prakiraan Cuaca merupakan sistem yang
menyediakan informasi spasial terkait cuaca, suhu, kelembaban udara
dan angin. Melalui sistem ini, masyarakat Cilacap dapat memperoleh
data dan informasi terkini dalam visualisasi berbentuk peta
online.</p>
        <a href="peta.php" class="btn">telusuri</a>
    </div>

</section>

<!-- home section ends -->

<!-- about section starts -->

<section class="about" id="about">

    <h1 class="heading"> <span> WebGIS Prakicu</span></h1>

    <div class="row">

        <div class="video-container">
            
        </div>

        <div class="content">
            <p><strong>Maps</strong> ini merupakan peta yang
menyediakan informasi spasial terkait cuaca, suhu, kelembaban udara
dan angin. Melalui sistem ini, masyarakat Cilacap dapat memperoleh
data dan informasi terkini dalam visualisasi berbentuk peta online.
Adapun nama wilayah prakiraan cuaca yang tersedia dalam maps ini
antara lain: Adipala, Binangun, Cilacap Selatan, Cilacap Tengah,
Cilacap Utara, Cimangu, Cipari, Dayeuhluhur, Gandrungmangu,
Jeruklegi, Kampung Laut, Karang Pucung, Kawunganten, Kedungrejo,
Kesugihan, Kroya, Majenang, Nusakambangan, Nusawungu, dan
Sidareja.</p>
            <a href="peta.php" class="btn">Selengkapnya</a>
        </div>
    </div>

```

```

    </div>

</section>

<!-- about section ends -->

<!-- footer section starts -->

<section class="footer">

    <div class="box-container">

        <div class="box">
            <h3>logo BMKG</h3>
            <a href="#" class="logo"></a>
        </div>

        <div class="box">
            <h3>kantor</h3>
            <a>Jl. Gatot Subroto No.20, Tambaksari, Sidanegara, Kec.
Cilacap Tengah, Kabupaten Cilacap, Jawa Tengah 53223</a>
        </div>

        <div class="box">
            <h3>menu</h3>
            <a href="index.php">beranda</a>
            <a href="peta.php">maps</a>
            <a href="cuaca.php">cuaca</a>
            <a href="grafik.php">grafik</a>
        </div>

        <div class="box">
            <h3>info kontak</h3>
            <a href="#">telp: (0282)534103</a>
            <a href="#">email: met_clp@yahoo.com</a>
            <a href="#">ig: bmkc_cilacap</a>
            <a href="#">fb: BMKG Cilacap</a>
        </div>

    </div>

</div>

    <div class="credit"> created by <span> BMKG Cilacap </span> |
all rights reserved </div>

```

```
</section>
```

```
<!-- footer section ends -->
```

```
</body>
```

```
</html>
```

Source code peta.php

```
<?php
```

```
    // membuka lib / metode  
    $ch = curl_init();
```

```
    // setting option (setopt) untuk url yang akan dibuka  
    curl_setopt($ch, CURLOPT_URL,  
"http://localhost/bmkg/data.json.php");
```

```
    // setting header  
    curl_setopt($ch, CURLOPT_HTTPHEADER,array('Authorization:'));
```

```
    // setting option (setopt) untuk hasil hit url bisa ada  
    kembalian (return)  
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);
```

```
    // eksekusi curl  
    $output = curl_exec($ch);
```

```
    // close url  
    curl_close($ch);
```

```
    // cek perubahan json to array  
    $cuaca = json_decode($output);  
    //echo "<pre>"; print_r($cuaca); echo "</pre>";
```

```
    // echo $cuaca[0]->nama;
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

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

```

    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Maps</title>
    <link rel="shortcut icon" href="images/bmkg.jpeg">
    <!-- font awesome cdn link -->
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.
min.css" />
    <!--ini maps-->
    <link rel="stylesheet"
href="https://unpkg.com/leaflet@1.0.3/dist/leaflet.css" />
    <script
src="https://unpkg.com/leaflet@1.0.3/dist/leaflet.js"></script>
    <!--cluster-->
    <link rel="stylesheet" href="js/Leaflet.markercluster-
master/dist/MarkerCluster.css" />
    <link rel="stylesheet" href="js/Leaflet.markercluster-
master/dist/MarkerCluster.Default.css" />
    <script src="js/Leaflet.markercluster-
master/dist/leaflet.markercluster-src.js"></script>
    <!--control search-->
    <link rel="stylesheet" href="leaflet-search/src/leaflet-
search.css" />
    <script src="leaflet-search/src/leaflet-search.js"></script>
    <!--css canvas map-->
    <style type="text/css">
        #map {
            width: 100%;
            height: 600px;
        }

    </style>
</head>
<body>
    <!-- loader -->
    <div class="bg-loader">
        <div class="loader"></div>
    </div>

    <!-- header -->

```

```

<header>

    <input type="checkbox" name="" id="togglер">
    <label for="togglер" class="fas fa-bars"></label>

    <a href="#" class="logo">
    BMKG<span> Cilacap</span></a>

    <nav class="navbar">
        <a href="index.php">Beranda</a>
        <a href="peta.php">Maps</a>
        <a href="cuaca.php">Cuaca</a>
        <a href="grafik.php">Grafik</a>
    </nav>

</header>
<br><br><br><br><br><br><br>

<!-- about -->
<section class="about">
<div class="row">
    <div class="content">
        <h3><center>WebGIS Prakicu</center></h3>
        <p><strong>Maps</strong> ini merupakan peta yang
menyediakan informasi spasial terkait cuaca, suhu, kelembaban udara
dan angin. Melalui sistem ini, masyarakat Cilacap dapat memperoleh
data dan informasi terkini dalam visualisasi berbentuk peta online.
Adapun nama wilayah prakiraan cuaca yang tersedia dalam maps ini
antara lain: Adipala, Binangun, Cilacap Selatan, Cilacap Tengah,
Cilacap Utara, Cimangu, Cipari, Dayeuhluhur, Gandrungmangu,
Jeruklegi, Kampung Laut, Karang Pucung, Kawunganten, Kedungrejo,
Kesugihan, Kroya, Majenang, Nusakambangan, Nusawungu, dan Sidareja.
Cara menggunakan maps ini untuk mendapatkan informasi prakiraan
cuaca tersebut dengan klik icon <img src='images/search.png'/> pojok
kanan atas peta kemudian memilih nama salah satu wilayah yang
tersedia maka akan tampil informasi cuaca. </p>
    </div>

    <div id='map'></div>
    <div class="content">
        <p>Adapun data keseluruhan dari data cuaca, suhu,
kelembaban udara dan angin dapat dilihat di <a href="cuaca.php">Data
Cuaca BMKG Cilacap</a></p>
    </div>
</div>

<br/>

```

```

<br/>
<br/>
<script src="js/cilacap.js"></script>

<script type="text/javascript">
    //sample data
    var data = [
        <?php
            foreach ($cuaca->data as $bmk) { ?>
                {"lokasi":[<?=$bmk->Latitude?>,<?=$bmk->
                >Longitude?>], "Kecamatan":"<?=$bmk->Kecamatan?>",
                "Tanggal":"<?=$bmk->Tanggal?>", "Jam":"<?=$bmk->Jam?>",
                "Suhu":"<?=$bmk->Suhu?> °C", "Angin":"<?=$bmk->Angin?> km/jam",
                "Kelembaban":"<?=$bmk->Kelembaban?> %", "Cuaca":"<?=$bmk->
                >Status_cuaca?>"}},
            <?php } ?>

    ];
    var map = new L.Map('map', {zoom: 9.5, center: new
    L.LatLng(-7.41399, 108.80241) });
    map.addLayer(new
    L.tileLayer('https://api.mapbox.com/styles/v1/{id}/tiles/{z}/{x}/{y}
    ?access_token=pk.eyJ1IjoibWFWYm94IiwiaSI6ImNpejY4NXVycTA2emYycXBndHR
    qcmZ3N3gifQ.rJcFIG214AriISLbB6B5aw', {
        attribution: 'Map data &copy; <a
    href="https://www.openstreetmap.org/">OpenStreetMap</a>
    contributors, ' +
        '<a
    href="https://creativecommons.org/licenses/by-sa/2.0/">CC-BY-SA</a>',
        ' +
        'Imagery © <a
    href="https://www.mapbox.com/">Mapbox</a>',
        id: 'mapbox/streets-v11'
    }));

    var markersLayer = new L.markerClusterGroup(); //layer
    contain searched elements
    map.addLayer(markersLayer);
    var controlSearch = new L.Control.Search({
        position:'topleft',
        layer: markersLayer,
        initial: false,
        zoom: 11,
        marker: false
    });
    map.addControl( new L.Control.Search({

```

```

        layer: markersLayer,
        initial: false,
        collapsed: true,
        zoom: 11,
    }) );

    ////////////populate map with markers from sample data
    for(var i = 480; i < data.length; i++) {
        var Kecamatan= data[i].Kecamatan; //value searched
        var lokasi = data[i].lokasi; //position found
        var tanggal = data[i].Tanggal;
        var jam = data[i].Jam;
        var suhu = data[i].Suhu;
        var angin = data[i].Angin;
        var kelembaban = data[i].Kelembaban;
        var cuaca = data[i].Cuaca;
        var marker = new L.Marker(new L.LatLng(lokasi),
    {title: Kecamatan} );//se property searched
        marker.bindPopup('<center><h2>'+Kecamatan+'</h2></center>'+<br>Tanggal: '+tanggal+'<br>Jam: '+jam+'<br>Suhu: '+suhu+'<br>Angin: '+angin+'<br>Kelembaban: '+kelembaban+'<br>Cuaca: '+<b>'+cuaca);
        markersLayer.addLayer(marker);
    }

    L.geoJSON(cilacap, {
        "color": "black",
        "weight": 2,
        "fillColor": "green",
        "fillOpacity": 1
    }).addTo(map);

</script>
</section>

<section class="footer">
    <div class="credit"> created by <span> BMKG Cilacap </span> |
    all rights reserved </div>
</section>

</body>
</html>

```

[Source code cuaca.php](#)

```

<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Cuaca</title>
  <link rel="shortcut icon" href="images/bmkg.jpeg">
  <!-- font awesome cdn link -->
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css">

  <!-- custom css file link -->
  <link rel="stylesheet" href="css/style.css">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.
min.css" />
  <link rel="stylesheet" type="text/css"
href="https://cdn.datatables.net/r/bs-3.3.5/jq-2.1.4,dt-
1.10.8/datatables.min.css"/>
  <script src="https://code.jquery.com/jquery-3.5.1.min.js"
integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.j
s"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.mi
n.js"></script>
  <script type="text/javascript"
src="https://cdn.datatables.net/r/bs-3.3.5/jqc-1.11.3,dt-
1.10.8/datatables.min.js"></script>
</head>
<body>
  <!-- loader -->
  <div class="bg-loader">
    <div class="loader"></div>
  </div>

  <!-- header -->

  <header>
    <input type="checkbox" name="" id="togglер">
    <label for="togglер" class="fas fa-bars"></label>

```

```

        <a href="#" class="logo">
BMKG<span> Cilacap</span></a>

        <nav class="navbar">
            <a href="index.php">Beranda</a>
            <a href="peta.php">Maps</a>
            <a href="cuaca.php">Cuaca</a>
            <a href="grafik.php">Grafik</a>
        </nav>
    </header>

    <!-- service -->
    <br/>
    <div class="container">
        <br><br><br><br><br><br><br><br>
        <h3><center>Data Prakicu</center></h3>
        <p><center>Data prakicu (prakiraan cuaca) ini berisi
data keseluruhan dari data cuaca, suhu, angin dan kelembaban udara.
Adapun nama wilayah prakiraan cuaca yang tersedia dalam tabel ini
antara lain: Adipala, Binangun, Cilacap Selatan, Cilacap Tengah,
Cilacap Utara, Cimangu, Cipari, Dayeuhluhur, Gandrungmangu,
Jeruklegi, Kampung Laut, Karang Pucung, Kawunganten, Kedungrejo,
Kesugihan, Kroya, Majenang, Nusakambangan, Nusawungu, dan Sidareja.
Cara untuk memfilter data salah satu wilayah di Kabupaten Cilacap
cukup dengan klik form search maka akan muncul data wilayah yang
sudah dipilih.</center></p>
        <br>
        <table id="data-table" class="table table-bordered">
            <thead>
                <tr>
                    <th>No.</th>
                    <th>Lokasi</th>
                    <th>Tanggal</th>
                    <th>Jam</th>
                    <th>Suhu (°C)</th>
                    <th>Angin (km/jam)</th>
                    <th>Kelembaban (%)</th>
                    <th>Status Cuaca</th>
                </tr>
            </thead>
        </table>
        <br>
        <div class="content">
            <p>Sedangkan grafik rata-rata cuaca harian, suhu
harian, angin harian dan kelembaban udara harian dapat dilihat pada
<a href="grafik.php">Grafik Rata-rata Harian Cuaca</a></p>
        </div>

```

```

</div>

<!-- script -->
<script>
$(document).ready(function(){
  $('#data-table').DataTable({
    "ajax" : "http://localhost/bmkg/data.json.php",
    "columns" : [
      { "data" : "id" },
      { "data" : "Kecamatan"},
      { "data" : "Tanggal" },
      { "data" : "Jam"},
      { "data" : "Suhu"},
      { "data" : "Angin"},
      { "data" : "Kelembaban"},
      { "data" : "Status_cuaca"}
    ]
  });
});
</script>

<section class="footer">
<div class="credit"> created by <span> BMKG Cilacap </span> |
all rights reserved </div>
</section>

</body>
</html>

```

Source code grafik.php

```

<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Grafik</title>
  <link rel="shortcut icon" href="images/bmkg.jpeg">
  <!-- font awesome cdn link -->
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css">

  <!-- custom css file link -->

```

```

    <link rel="stylesheet" href="css/style.css">
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.
min.css">
    <link rel="stylesheet" href="css/bootstrap.min.css">
</head>
<body>
    <!-- loader -->
    <div class="bg-loader">
        <div class="loader"></div>
    </div>

    <!-- header -->

    <header>
    <input type="checkbox" name="" id="togglер">
        <label for="togglер" class="fas fa-bars"></label>

        <a href="#" class="logo">
BMKG<span> Cilacap</span></a>

        <nav class="navbar">
            <a href="index.php">Beranda</a>
            <a href="peta.php">Maps</a>
            <a href="cuaca.php">Cuaca</a>
            <a href="grafik.php">Grafik</a>
        </nav>
    </header>
    <!-- service -->
    <section class="service">
        <div class="container">
            <br><br><br><br><br><br><br><br>
            <h3><center>Grafik</center></h3>
            <p><center>Grafik dapat diartikan sebagai gambaran dari
pasang surutnya suatu data yang ada, dan digambarkan dengan garis
ataupun gambar. Grafik ini meliputi grafik rata-rata harian, grafik
rata-rata kelembaban harian, grafik angin harian, dan grafik cuaca
harian perwilayah. Untuk mengetahui data rata-rata perwilayah dapat
mengklik salah satu warna garis pada grafik maka akan tampil
informasi didalamnya.</center></p><br>
            <div class="row">
                <div class="col-sm-6">
                    <div class="panel-group">
                        <div class="panel panel-default">

```

```

        <div class="panel-heading">Grafik rata-rata suhu
harian</div>
        <div class="panel-body"><iframe
src="grafik.suhu.php" width="100%" height="300"></iframe></div>
        </div>
</div>

<div class="col-sm-6">
<div class="panel-group">
    <div class="panel panel-default">
        <div class="panel-heading">Grafik rata-rata
kelembaban harian</div>
        <div class="panel-body"><iframe
src="grafik.kelembaban.php" width="100%"
height="300"></iframe></div>
        </div>
    </div>
</div>

<div class="row">
    <div class="col-sm-6">
        <div class="panel-group">
            <div class="panel panel-default">
                <div class="panel-heading">Grafik angin harian</div>
                <div class="panel-body"><iframe
src="grafik.angin.php" width="100%" height="300"></iframe></div>
                </div>
            </div>
        </div>

        <div class="col-sm-6">
            <div class="panel-group">
                <div class="panel panel-default">
                    <div class="panel-heading">Grafik cuaca harian</div>
                    <div class="panel-body"><iframe
src="grafik.cuaca.php" width="100%" height="300"></iframe></div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

<div class="content">

```

<p>Apabila ingin kembali ke tampilan beranda dapat mengklik link berikut: Kembali ke Beranda</p>

```
</div>
</section>

<section class="footer">
  <div class="credit"> created by <span> BMKG Cilacap </span> |
  all rights reserved </div>
</section>
</body>
</html>
```

Source code grafik.suhu.php

```
<?php
$koneksi    = mysqli_connect("localhost", "root", "", "prakicu");
$adipala    = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Adipala'");
$binangun   = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Binangun'");
$cilacapselatan = mysqli_query($koneksi, "SELECT * FROM
suhu_harian WHERE kecamatan='Cilacap Selatan'");
$cilacaptengah = mysqli_query($koneksi, "SELECT * FROM
suhu_harian WHERE kecamatan='Cilacap Tengah'");
$cilacaputara = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Cilacap Utara'");
$cimangu    = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Cimangu'");
$cipari     = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Cipari'");
$dayeuhluhur = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Dayeuhluhur'");
$gandrungmangu = mysqli_query($koneksi, "SELECT * FROM
suhu_harian WHERE kecamatan='Gandrungmangu'");
$jeruklegi = mysqli_query($koneksi, "SELECT * FROM suhu_harian WHERE
kecamatan='Jeruklegi'");
$kampunglaut = mysqli_query($koneksi, "SELECT * FROM
suhu_harian WHERE kecamatan='Kampung Laut'");
$karangpucung = mysqli_query($koneksi, "SELECT * FROM
suhu_harian WHERE kecamatan='Karang Pucung'");
$kawunganten = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Kawunganten'");
$kedungrejo = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Kedungrejo'");
```

```

$kesugihan = mysqli_query($koneksi, "SELECT * FROM suhu_harian WHERE
kecamatan='Kesugihan'");
$kroya      = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Kroya'");
$majenang   = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Majenang'");
$nusakambangan = mysqli_query($koneksi, "SELECT * FROM
suhu_harian WHERE kecamatan='Nusakambangan'");
$nusawungu  = mysqli_query($koneksi, "SELECT * FROM suhu_harian
WHERE kecamatan='Nusawungu'");
$sidareja   = mysqli_query($koneksi, "SELECT * FROM suhu_harian WHERE
kecamatan='Sidareja'");
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Grafik</title>
    <link rel="stylesheet" type="text/css" href="css/style.css">
    <link rel="shortcut icon" href="img/i.png">
    <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.13.0/css/all.min.css">
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/jquery.min.js"></script>
    <script src="js/highcharts.js"></script>

    <script type="text/javascript">
        //2)script untuk membuat grafik, perhatikan setiap komentar
agar paham
        $(function () {
            var chart;
            $(document).ready(function() {
                chart = new Highcharts.Chart({
                    chart: {
                        renderTo: 'container', //letakkan grafik di div id
container
                        //Type grafik, anda bisa ganti menjadi
area,bar,column dan bar
                        type: 'line',
                        marginRight: 130,
                        marginBottom: 25
                    },

```

```

title: {
    text: 'Suhu rata-rata harian',
    x: -20 //center
},

xAxis: { //X axis menampilkan tanggal
    categories: ['18-10-2020', '19-10-2020', '20-10-
2020', '21-10-2020']
},
yAxis: {
    title: { //label yAxis
        text: 'suhu rata-rata (°C)'
    },
    plotLines: [{
        value: 0,
        width: 1,
        color: '#808080' //warna dari grafik line
    }]
},
tooltip: {
//fungsi tooltip, ini opsional, kegunaan dari fungsi ini
//akan menampilkan data di titik tertentu di grafik saat
mouseover
    formatter: function() {
        return '<b>'+ this.series.name + '</b><br/>'+
            this.x + ': ' + this.y ;
    }
},
legend: {
    layout: 'vertical',
    align: 'right',
    verticalAlign: 'top',
    x: -10,
    y: 100,
    borderWidth: 0
},
//series adalah data yang akan dibuatkan grafiknya,

series: [{
    name: 'adipala',

    data: [<?php while ($p =
mysqli_fetch_array($adipala)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . '' ;}?>
    ],
    {
        name: 'binangun',

```

```

        data: [<?php while ($p =
mysqli_fetch_array($binangun)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cilacap selatan',

        data: [<?php while ($p =
mysqli_fetch_array($cilacapselatan)) { echo '' . $p['avg_18'] . ','
. $p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cilacap tengah',

        data: [<?php while ($p =
mysqli_fetch_array($cilacaptengah)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cilacap utara',

        data: [<?php while ($p =
mysqli_fetch_array($cilacaputara)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cimangu',

        data: [<?php while ($p =
mysqli_fetch_array($cimangu)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cipari',

        data: [<?php while ($p =
mysqli_fetch_array($cipari)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'dayeuhluhur',

        data: [<?php while ($p =
mysqli_fetch_array($dayeuhluhur)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },

```

```

{
    name: 'gandrungmangu',

    data: [<?php while ($p =
mysqli_fetch_array($gandrungmangu)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'jeruklegi',

        data: [<?php while ($p =
mysqli_fetch_array($jeruklegi)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
        },
        {
            name: 'kampung laut',

            data: [<?php while ($p =
mysqli_fetch_array($kampunglaut)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
            },
            {
                name: 'karang pucung',

                data: [<?php while ($p =
mysqli_fetch_array($karangpucung)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
                },
                {
                    name: 'kawunganten',

                    data: [<?php while ($p =
mysqli_fetch_array($kawunganten)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
                    },
                    {
                        name: 'kedungrejo',

                        data: [<?php while ($p =
mysqli_fetch_array($kedungrejo)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
                        },
                        {
                            name: 'kesugihan',

```

```

        data: [<?php while ($p =
mysqli_fetch_array($kesugihan)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'kroya',

        data: [<?php while ($p = mysqli_fetch_array($kroya))
{ echo '' . $p['avg_18'] . ',' . $p['avg_19'] . ',' . $p['avg_20'] .
',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'majenang',

        data: [<?php while ($p =
mysqli_fetch_array($majenang)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'nusakambangan',

        data: [<?php while ($p =
mysqli_fetch_array($nusakambangan)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'nusawungu',

        data: [<?php while ($p =
mysqli_fetch_array($nusawungu)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'sidareja',

        data: [<?php while ($p =
mysqli_fetch_array($sidareja)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    }
]
});
});
</script>
</head>
<body>

```

```
<div id="container" style="min-width: 50%; height: 300px;
margin: 0 auto"></div>
```

```
</body>
```

```
</html>
```

Source code grafik.angin.php

```
<?php
$koneksi = mysqli_connect("localhost", "root", "", "prakicu");
$adipala = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Adipala'");
$binangun = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Binangun'");
$cilacapselatan = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Cilacap Selatan'");
$cilacaptengah = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Cilacap Tengah'");
$cilacaputara = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Cilacap Utara'");
$cimangu = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Cimangu'");
$cipari = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Cipari'");
$dayeuhluhur = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Dayeuhluhur'");
$gandrungmangu = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Gandrungmangu'");
$jeruklegi = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Jeruklegi'");
$kampunglaut = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Kampung Laut'");
$karangpucung = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Karang Pucung'");
$kawunganten = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Kawunganten'");
$kedungrejo = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Kedungrejo'");
$kesugihan = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Kesugihan'");
$kroya = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Kroya'");
$majenang = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Majenang'");
```

```

$nusakambangan = mysqli_query($koneksi, "SELECT * FROM
angin_harian WHERE kecamatan='Nusakambangan'");
$nusawungu = mysqli_query($koneksi, "SELECT * FROM angin_harian
WHERE kecamatan='Nusawungu'");
$sidareja = mysqli_query($koneksi, "SELECT * FROM angin_harian WHERE
kecamatan='Sidareja'");
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Grafik</title>
    <link rel="stylesheet" type="text/css" href="css/style.css">
    <link rel="shortcut icon" href="img/i.png">
    <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.13.0/css/all.min.css">
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/jquery.min.js"></script>
    <script src="js/highcharts.js"></script>

    <script type="text/javascript">
        //2)script untuk membuat grafik, perhatikan setiap komentar
agar paham
        $(function () {
            var chart;
            $(document).ready(function() {
                chart = new Highcharts.Chart({
                    chart: {
                        renderTo: 'container', //letakkan grafik di div id
container
                        //Type grafik, anda bisa ganti menjadi
area,bar,column dan bar
                        type: 'line',
                        marginRight: 130,
                        marginBottom: 25
                    },
                    title: {
                        text: 'Angin harian',
                        x: -20 //center
                    },
                    xAxis: { //X axis menampilkan tanggal

```

```

        categories: ['18-10-2020', '19-10-2020', '20-10-
2020', '21-10-2020']
    },
    yAxis: {
        title: { //label yAxis
            text: 'angin harian (km/jam)'
        },
        plotLines: [{
            value: 0,
            width: 1,
            color: '#808080' //warna dari grafik line
        }]
    },
    tooltip: {
//fungsi tooltip, ini opsional, kegunaan dari fungsi ini
//akan menampilkan data di titik tertentu di grafik saat
mouseover
        formatter: function() {
            return '<b>'+ this.series.name + '</b><br/>'+
                this.x + ': ' + this.y ;
        }
    },
    legend: {
        layout: 'vertical',
        align: 'right',
        verticalAlign: 'top',
        x: -10,
        y: 100,
        borderWidth: 0
    },
//series adalah data yang akan dibuatkan grafiknya,

    series: [{
        name: 'adipala',

        data: [<?php while ($p =
mysqli_fetch_array($adipala)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}]?>]
    },
    {
        name: 'binangun',

        data: [<?php while ($p =
mysqli_fetch_array($binangun)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}]?>]
    }
]
}
}

```

```

    },
    {
        name: 'cilacap selatan',

        data: [<?php while ($p =
mysqli_fetch_array($cilacapselatan)) { echo '' . $p['angin_18'] .
',' . $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'cilacap tengah',

        data: [<?php while ($p =
mysqli_fetch_array($cilacaptengah)) { echo '' . $p['angin_18'] . ','
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'cilacap utara',

        data: [<?php while ($p =
mysqli_fetch_array($cilacaputara)) { echo '' . $p['angin_18'] . ','
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'cimangu',

        data: [<?php while ($p =
mysqli_fetch_array($cimangu)) { echo '' . $p['angin_18'] . ','
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'cipari',

        data: [<?php while ($p =
mysqli_fetch_array($cipari)) { echo '' . $p['angin_18'] . ','
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'dayeuhluhur',

        data: [<?php while ($p =
mysqli_fetch_array($dayeuhluhur)) { echo '' . $p['angin_18'] . ','

```

```

    $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
    '';}?>]
    },
    {
        name: 'gandrungmangu',

        data: [<?php while ($p =
mysqli_fetch_array($gandrungmangu)) { echo '' . $p['angin_18'] . ',' .
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'jeruklegi',

        data: [<?php while ($p =
mysqli_fetch_array($jeruklegi)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'kampung laut',

        data: [<?php while ($p =
mysqli_fetch_array($kampunglaut)) { echo '' . $p['angin_18'] . ',' .
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'karang pucung',

        data: [<?php while ($p =
mysqli_fetch_array($karangpucung)) { echo '' . $p['angin_18'] . ',' .
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'kawunganten',

        data: [<?php while ($p =
mysqli_fetch_array($kawunganten)) { echo '' . $p['angin_18'] . ',' .
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'kedungrejo',

```

```

        data: [<?php while ($p =
mysqli_fetch_array($kedungrejo)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'kesugihan',

        data: [<?php while ($p =
mysqli_fetch_array($kesugihan)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'kroya',

        data: [<?php while ($p = mysqli_fetch_array($kroya))
{ echo '' . $p['angin_18'] . ',' . $p['angin_19'] . ',' .
$p['angin_20'] . ',' . $p['angin_21'] . '';}?>]
    },
    {
        name: 'majenang',

        data: [<?php while ($p =
mysqli_fetch_array($majenang)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'nusakambangan',

        data: [<?php while ($p =
mysqli_fetch_array($nusakambangan)) { echo '' . $p['angin_18'] . ',' .
. $p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'nusawungu',

        data: [<?php while ($p =
mysqli_fetch_array($nusawungu)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}?>]
    },
    {
        name: 'sidareja',

```

```

                data: [<?php while ($p =
mysqli_fetch_array($sidareja)) { echo '' . $p['angin_18'] . ',' .
$p['angin_19'] . ',' . $p['angin_20'] . ',' . $p['angin_21'] .
'';}]?>]
            }
        ]
    });
});

});
</script>
</head>
<body>

    <div id="container" style="min-width: 50%; height: 300px;
margin: 0 auto"></div>

</body>
</html>

```

Source code grafik.kelembaban.php

```

<?php
$koneksi    = mysqli_connect("localhost", "root", "", "prakicu");
$adipala     = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Adipala'");
$binangun    = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Binangun'");
$cilacapselatan = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Cilacap Selatan'");
$cilacaptengah = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Cilacap Tengah'");
$cilacaputara = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Cilacap Utara'");
$cimangu     = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Cimangu'");
$cipari      = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Cipari'");
$dayeuhluhur = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Dayeuhluhur'");
$gandrungmangu = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Gandrungmangu'");
$jeruklegi  = mysqli_query($koneksi, "SELECT * FROM kelembaban_harian
WHERE kecamatan='Jeruklegi'");
$kampunglaut = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Kampung Laut'");

```

```

$karangpucung      = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Karang Pucung'");
$kawunganten       = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Kawunganten'");
$kedungrejo        = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Kedungrejo'");
$kesugihan         = mysqli_query($koneksi, "SELECT * FROM kelembaban_harian
WHERE kecamatan='Kesugihan'");
$kroya             = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Kroya'");
$majenang          = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Majenang'");
$nusakambangan     = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Nusakambangan'");
$nusawungu         = mysqli_query($koneksi, "SELECT * FROM
kelembaban_harian WHERE kecamatan='Nusawungu'");
$sidareja          = mysqli_query($koneksi, "SELECT * FROM kelembaban_harian
WHERE kecamatan='Sidareja'");
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
    <title>Grafik</title>
    <link rel="stylesheet" type="text/css" href="css/style.css">
    <link rel="shortcut icon" href="img/i.png">
    <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.13.0/css/all.min.css">
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"
integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
    <script type="text/javascript" src="js/jquery.min.js"></script>
    <script src="js/highcharts.js"></script>

    <script type="text/javascript">
        //2)script untuk membuat grafik, perhatikan setiap komentar
agar paham
        $(function () {
            var chart;
            $(document).ready(function() {
                chart = new Highcharts.Chart({
                    chart: {
                        renderTo: 'container', //letakkan grafik di div id
container

```

```

//Type grafik, anda bisa ganti menjadi
area,bar,column dan bar
    type: 'line',
    marginRight: 130,
    marginBottom: 25
},
title: {
    text: 'Kelembaban rata-rata harian',
    x: -20 //center
},

xAxis: { //X axis menampilkan tanggal
    categories: ['18-10-2020', '19-10-2020', '20-10-
2020', '21-10-2020']
},
yAxis: {
    title: { //label yAxis
        text: 'kelembaban rata-rata (%)'
    },
    plotLines: [{
        value: 0,
        width: 1,
        color: '#808080' //warna dari grafik line
    }]
},
tooltip: {
//fungsi tooltip, ini opsional, kegunaan dari fungsi ini
//akan menampilkan data di titik tertentu di grafik saat
mouseover
    formatter: function() {
        return '<b>'+ this.series.name + '</b><br/>'+
            this.x + ': '+ this.y ;
    }
},
legend: {
    layout: 'vertical',
    align: 'right',
    verticalAlign: 'top',
    x: -10,
    y: 100,
    borderWidth: 0
},
//series adalah data yang akan dibuatkan grafiknya,

series: [{
    name: 'adipala',

```

```

        data: [<?php while ($p =
mysqli_fetch_array($adipala)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'binangun',

        data: [<?php while ($p =
mysqli_fetch_array($binangun)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cilacap selatan',

        data: [<?php while ($p =
mysqli_fetch_array($cilacapselatan)) { echo '' . $p['avg_18'] . ','
. $p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cilacap tengah',

        data: [<?php while ($p =
mysqli_fetch_array($cilacaptengah)) { echo '' . $p['avg_18'] . ',' .
. $p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cilacap utara',

        data: [<?php while ($p =
mysqli_fetch_array($cilacaputara)) { echo '' . $p['avg_18'] . ',' .
. $p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cimangu',

        data: [<?php while ($p =
mysqli_fetch_array($cimangu)) { echo '' . $p['avg_18'] . ',' .
. $p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'cipari',

        data: [<?php while ($p =
mysqli_fetch_array($cipari)) { echo '' . $p['avg_18'] . ',' .
. $p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {

```

```

        name: 'dayeuhluhur',

        data: [<?php while ($p =
mysqli_fetch_array($dayeuhluhur)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'gandrungmangu',

        data: [<?php while ($p =
mysqli_fetch_array($gandrungmangu)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'jeruklegi',

        data: [<?php while ($p =
mysqli_fetch_array($jeruklegi)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'kampung laut',

        data: [<?php while ($p =
mysqli_fetch_array($kampunglaut)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'karang pucung',

        data: [<?php while ($p =
mysqli_fetch_array($karangpucung)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'kawunganten',

        data: [<?php while ($p =
mysqli_fetch_array($kawunganten)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'kedungrejo',

        data: [<?php while ($p =
mysqli_fetch_array($kedungrejo)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    }

```

```

    },
    {
        name: 'kesugihan',

        data: [<?php while ($p =
mysqli_fetch_array($kesugihan)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'kroya',

        data: [<?php while ($p = mysqli_fetch_array($kroya))
{ echo '' . $p['avg_18'] . ',' . $p['avg_19'] . ',' . $p['avg_20'] .
',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'majenang',

        data: [<?php while ($p =
mysqli_fetch_array($majenang)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'nusakambangan',

        data: [<?php while ($p =
mysqli_fetch_array($nusakambangan)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'nusawungu',

        data: [<?php while ($p =
mysqli_fetch_array($nusawungu)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    },
    {
        name: 'sidareja',

        data: [<?php while ($p =
mysqli_fetch_array($sidareja)) { echo '' . $p['avg_18'] . ',' .
$p['avg_19'] . ',' . $p['avg_20'] . ',' . $p['avg_21'] . ' ';}?>]
    }
]
});
});

```

```

    });
  </script>
</head>
<body>

  <div id="container" style="min-width: 50%; height: 300px;
margin: 0 auto"></div>

</body>
</html>

```

Source code grafik.cuaca.php

```

<?php
$koneksi    = mysqli_connect("localhost", "root", "", "prakicu");
$status_cuaca = mysqli_query($koneksi, "SELECT status_cuaca FROM
total_cuaca order by ID asc");
$jumlah     = mysqli_query($koneksi, "SELECT jumlah FROM
total_cuaca order by ID asc");
?>

<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <script src="js/Chart.js"></script>
    <style type="text/css">
      .container {
        width: 40%;
        margin: 15px auto;
      }
    </style>
  </head>
  <body>

    <div class="container">
      <canvas id="piechart" width="100" height="100"></canvas>
    </div>

  </body>
</html>

<script type="text/javascript">
  var ctx = document.getElementById("piechart").getContext("2d");
  var data = {

```

```

        labels: [<?php while ($p =
mysqli_fetch_array($status_cuaca)) { echo "' . $p['status_cuaca'] .
'",';}}?>],
        datasets: [
        {
            label: "Total Cuaca",
            data: [<?php while ($p = mysqli_fetch_array($jumlah))
{ echo "' . $p['jumlah'] . '",';}}?>],
            backgroundColor: [
                '#29B0D0',
                '#2A516E',
                '#F07124',
                '#CBE0E3',
                '#979193'
            ]
        }
    ]
};

```

```

var myPieChart = new Chart(ctx, {
    type: 'pie',
    data: data,
    options: {
        responsive: true
    }
});

```

</script>

Source code index.php

```

<!DOCTYPE html>
<html>
<head>
    <link rel="icon" href="images.jpeg">
    <title> Data Cuaca </title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <div class="judul">
        <center>
            <h1>DATA PRAKIRAAN CUACA</h1>
            <h2>Badan Meteorologi, Klimatologi dan Geofisika</h2>
            <h3>Cilacap</h3>
        </center>
    </div>

```

```

<br/>

<?php
if(isset($_GET['pesan'])){
    $pesan = $_GET['pesan'];
    if($pesan == "input"){
        echo "Data berhasil di input.";
    }else if($pesan == "update"){
        echo "Data berhasil di update.";
    }else if($pesan == "hapus"){
        echo "Data berhasil di hapus.";
    }
}
?>
<br/><center>
<a class="tombol" href="input.php">+ Tambah Data Baru</a>
<br>
<br>
<?php
include 'koneksi.php';
?>

<form action="index.php" method="get">
    <label>Cari Lokasi :</label>
    <input type="text" name="cari">
    <input type="submit" value="Cari">
</form>

<?php
if(isset($_GET['cari'])){
    $cari = $_GET['cari'];
    echo "<b>Hasil pencarian : ".$cari."</b>";
}
?>
<br>
<br>
<table border="1" class="table">
    <tr>
        <th>No.</th>
        <th>Lokasi</th>
        <th>Tanggal</th>
        <th>Jam</th>
        <th>Suhu (°C)</th>
        <th>Angin (km/jam)</th>
        <th>Kelembaban (%)</th>
        <th>Status Cuaca</th>
    </tr>

```

```

</tr>
<?php
if(isset($_GET['cari'])){
    $cari = $_GET['cari'];
    $data = mysql_query("select * from cuaca where kecamatan
like '%" . $cari . "%'");
}
else{
    $data = mysql_query("select * from cuaca");
}
}
$no = 1;
while($d = mysql_fetch_array($data)){
?>
<tr>
    <td><?php echo $no++; ?></td>
    <td><?php echo $d['kecamatan']; ?></td>
    <td><?php echo $d['tanggal']; ?></td>
    <td><?php echo $d['jam']; ?></td>
    <td><?php echo $d['suhu']; ?></td>
    <td><?php echo $d['angin']; ?></td>
    <td><?php echo $d['kelembaban']; ?></td>
    <td><?php echo $d['status_cuaca']; ?></td>

</tr>
<?php } ?>
</table>

</center>
</body>
</html>

```

Source code input.php

```

<!DOCTYPE html>
<html>
<head>
    <link rel="icon" href="images.jpeg">
    <title> Data Cuaca </title>
    <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
    <div class="judul">
        <h1>DATA PRAKIRAAN CUACA</h1>
        <h2>Badan Meteorologi, Klimatologi dan Geofisika</h2>
        <h3>Cilacap</h3>
    </div>

```

```

<br/>

<a href="index.php">Lihat Semua Data</a>

<br/>
<h3>Input data baru</h3>
<form action="input-aksi.php" method="post">
  <table>
    <tr>
      <td>Lokasi</td>
      <td><input type="text" name="kecamatan"
required></td>
    </tr>
    <tr>
      <td>Latitude</td>
      <td><select name="latitude">
        <option value="-">
        <option value="-7.666284">-7.666284
        <option value="-7.670665">-7.670665
        <option value="-7.725484">-7.725484
        <option value="-7.677102">-7.677102
        <option value="-7.682874">-7.682874
        <option value="-7.306630">-7.306630
        <option value="-7.400788">-7.400788
        <option value="-7.211944">-7.211944
        <option value="-7.496390">-7.496390
        <option value="-7.592739">-7.592739
        <option value="-7.642308">-7.642308
        <option value="-7.375193">-7.375193
        <option value="-7.592876">-7.592876
        <option value="-7.519449">-7.519449
        <option value="-7.629993">-7.629993
        <option value="-7.619663">-7.619663
        <option value="-7.258766">-7.258766
        <option value="-7.728633">-7.728633
        <option value="-7.670612">-7.670612
        <option value="-7.468577">-7.468577
      </select></td>
    </tr>
    <tr>
      <td>Longitude</td>
      <td><select name="longitude">
        <option value="-">
        <option value="109.150043">109.150043
        <option value="109.265705">109.265705
        <option value="108.860988">108.860988
      </select></td>
    </tr>
  </table>
</form>

```

```

        <option value="108.982855">108.982855
        <option value="109.028924">109.028924
        <option value="108.836744">108.836744
        <option value="108.770985">108.770985
        <option value="108.611299">108.611299
        <option value="108.846149">108.846149
        <option value="109.010881">109.010881
        <option value="108.874471">108.874471
        <option value="108.908462">108.908462
        <option value="108.943344">108.943344
        <option value="108.770754">108.770754
        <option value="109.086370">109.086370
        <option value="109.225002">109.225002
        <option value="108.745916">108.745916
        <option value="108.906502">108.906502
        <option value="109.351127">109.351127
        <option value="108.795674">108.795674
    </select></td>
</tr>
<tr>
    <td>Tanggal</td>
    <td><input type="date" name="tanggal"
required></td>
</tr>
<tr>
    <td>Jam</td>
    <td><input type="time" name="jam"
required></td>
</tr>
<tr>
    <td>Suhu (C)</td>
    <td><input type="text" name="suhu"
required></td>
</tr>
<tr>
    <td>Angin (km/jam)</td>
    <td><input type="text" name="angin"
required></td>
</tr>
<tr>
    <td>Kelembaban (%)</td>
    <td><input type="text" name="kelembaban"
required></td>
</tr>
<tr>
    <td>Status Cuaca</td>

```

```

                <td><input type="text" name="status_cuaca"
required></td>
            </tr>

            <tr>
                <td></td>
                <td><button
type="submit">Simpan</button></td>
            </tr>
        </table>
    </form>
</body>
</html>

```

Source code input-aksi.php

```

<?php
include 'koneksi.php';
$kecamatan = $_POST['kecamatan'];
$latitude = $_POST['latitude'];
$longitude = $_POST['longitude'];
$tanggal = $_POST['tanggal'];
$jam = $_POST['jam'];
$suhu = $_POST['suhu'];
$angin = $_POST['angin'];
$kelembaban = $_POST['kelembaban'];
$status_cuaca = $_POST['status_cuaca'];

$query = mysql_query("INSERT INTO cuaca (kecamatan, latitude,
longitude, tanggal, jam, suhu, angin, kelembaban, status_cuaca)
VALUES ('$kecamatan', '$latitude', '$longitude', '$tanggal', '$jam',
'$suhu', '$angin', '$kelembaban', '$status_cuaca')") or
die(mysql_error());

if($query) {
    echo "<script>alert('Data berhasil ditambahkan!');
window.location='index.php';</script>";
} else {
    echo "<script>alert('Data gagal ditambahkan');</script>";
}
?>

```

Source code koneksi.php

```
<?php
//isi nama host, username mysql, dan password mysql anda
$host = mysql_connect("localhost","root","");

//isikan dengan nama database yang akan dihubungkan
$db = mysql_select_db("bmkg");

?>
```

Source code data.json.php

```
<?php
include'koneksi.php';

$query = "select * from cuaca";
$hasil =mysql_query($query);

if(mysql_num_rows($hasil) > 0 ){
    $response = array();
    $response["data"] = array();
    while($x = mysql_fetch_array($hasil)){
        $h['id'] = $x["id"];
        $h['Kecamatan'] = $x["kecamatan"];
        $h['Latitude'] = $x["latitude"];
        $h['Longitude'] = $x["longitude"];
        $h['Tanggal'] = $x["tanggal"];
        $h['Jam'] = $x["jam"];
        $h['Suhu'] = $x["suhu"];
        $h['Angin'] = $x["angin"];
        $h['Kelembaban'] = $x["kelembaban"];
        $h['Status_cuaca'] = $x["status_cuaca"];
        array_push($response["data"], $h);
    }
    echo json_encode($response);
}else {
    $response["message"]="tidak ada cuaca";
    echo json_encode($response);
}
?>
```

Lampiran 2 Surat Penunjukan Pembimbing 1&2 Skripsi


UNUGHA CILACAP
FAKULTAS MATEMATIKA & ILMU KOPUTER (FMIKOM)
Keputusan Kemendikbud RI Nomor : 264/E/O/2014 Tanggal 23 Juli 2014

Nomor	Ybk.1271.08/00/421.4/FMIKOM.UNUGHA/VIII/2020
Lampiran	-
Hal	Penunjukkan Pembimbing I Skripsi.

Kepada Yth.
Ninik Agustin ,M.Sc.
di -
Tempat

Awwalaamu'alaikum Wr.Wb.

Merujuk pada Surat Keputusan Rektor Universitas Nahdlatul Ulama Al Ghazali (UNUGHA)Cilacap tentang pengangkatan Pembimbing skripsi, maka kami dengan ini meminta kepada Saudara untuk menjadi Pembimbing Skripsi mahasiswa:

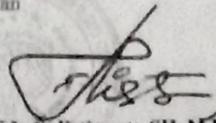
N a m a	: Feli Nur Lallatul Fiqoh
N I M	: 16552011013
Judul Skripsi	: Sistem Informasi Praktekan Cuwca di BMKG Berbasis Web

Kemudian mengenai perubahan, perbaikan dan bimbingan kami limpahkan sepenuhnya kepada Saudara bersama asisten Pembimbing, sampai dalam bentuk skripsi yang siap untuk disidangkan.

Demikian surat ini kami sampaikan terimakasih, atas bimbingan dan kerjasamanya disampaikan terimakasih.

Wassalaamu'alaikum Wr.Wb.

Cilacap, 10 Agustus 2020
Dekan


H. Edy Sulistyanto,SH.,M.Kom
NIK. 41230714009

UNIVERSITAS NAHDLATUL 'ULAMA AL GHAZALI CILACAP
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Scanned by TapScanner



UNUGHA CILACAP

FAKULTAS MATEMATIKA & ILMU KOPUTER (FMIKOM)

Keputusan Kemendikbud RI Nomor : 264/E/O/2014 Tanggal 23 Juli 2014

Nomor : Ybk.1271.08/006/421.4/FMIKOM.UNUGHA/VIII/2020
Lampiran : -
Hal : **Penunjukkan Pembimbing II Skripsi.**

Kepada Yth.
Abd Haq, M.Cs
di Tempat

Assalaamu'alaikum Wr.Wb.

Merujuk pada Surat Keputusan (SK) Rektor Universitas Nahdlatul Ulama Al Ghazali (UNUGHA)Cilacap tentang pengangkatan Pembimbing skripsi, maka kami dengan ini meminta kepada Saudara untuk menjadi Pembimbing II Skripsi mahasiswa:

N a m a : **Feli Nur Lailatul Fiqoh**
N I M : **16552011013**
Judul Skripsi : **Sistem Informasi Prakiraan Cuaca di BMKG Berbasis Web**

Kemudian mengenai perubahan, perbaikan dan bimbingan kami limpahkan sepenuhnya kepada Saudara bersama Pembimbing I, sampai dalam bentuk skripsi yang siap untuk disidangkan.

Demikian surat ini kami sampaikan terimakasih, atas bimbingan dan kerjasamanya disampaikan terimakasih.

Wassalaamu'alaikum Wr.Wb.

Cilacap, 10 Agustus 2020
Dekan,

H. Edy Sulistivanto, M. Kom
NIK. 41230714009

UNIVERSITAS NAHDLATUL 'ULAMA AL GHAZALI CILACAP

Jln. Kemerdekaan Barat No. 17 Kesugihan Cilacap Jawa Tengah K. Pos
Email : fmikom@unugha.ac.id Telp : (0282) 695415, 695407, F

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Lampiran 3 Data Cuaca

11:20

Stasiun Meteorologi Ahmad Yani

BADAN METEOROLOGI KLIMATOLOGI DAN GEOFISIKA
BMKG
Stasiun Meteorologi Kelas II Ahmad Yani - Semarang

PRAKIRAAN CUACA KAB. CILACAP
Berlaku Mulai : Min 18 Okt 2020 / 07:00 WIB
Hingga : Sen 19 Okt 2020 / 07:00 WIB

LOKASI	07.00	10.00	13.00	16.00	19.00	22.00	01.00	04.00	07.00	HARI	AMON	KUJEMBARAN
Adipala										24-29	20	75-90
Binangun										24-29	20	75-90
Cilacap Selatan										24-30	20	75-90
Cilacap Tengah										24-30	20	75-90
Cilacap Utara										24-30	20	75-90
Cimangu										23-29	10	75-95
Cipari										24-29	20	75-95
Dayeuhluhur										23-29	10	75-95
Gandrungmangu										24-29	20	75-95
Jeruklegi										24-30	20	75-90
Kampung Laut										24-30	20	75-90
Karang Pacung										24-29	20	75-95
Kawungaten										24-29	20	75-95
Kedungrejo										24-29	20	75-95
Kesugihan										24-29	20	75-90
Kroya										24-29	20	75-90
Majenang										23-29	10	75-95
Nusakambangan										24-30	20	75-90
Nusawungu										24-29	20	75-90
Sidareja										24-29	20	75-95

LEGENDA: Cerah, Cerah berawan, Berawan, Berawan lokal, Awan, Kabut, Hujan ringan, Hujan sedang, Hujan lokal, Hujan deras

Semarang, Sabtu 17 Oktober 2020 / 09:16 WIB
Praktikawan: BMKG

INFORMASI BMKG
GUYARTO 19740119.199603.1001

11:37

Cuaca Hari Ini

Stasiun Meteorologi Ahmad Yani

BADAN METEOROLOGI KLIMATOLOGI DAN GEOFISIKA
BMKG
Stasiun Meteorologi Kelas II Ahmad Yani - Semarang

PRAKIRAAN CUACA KAB. CILACAP
Berlaku Mulai : Sen 19 Okt 2020 / 07:00 WIB
Hingga : Sel 20 Okt 2020 / 07:00 WIB

LOKASI	07.00	10.00	13.00	16.00	19.00	22.00	01.00	04.00	07.00	HARI	AMON	KUJEMBARAN
Adipala										23-30	20	85-90
Binangun										23-30	20	85-90
Cilacap Selatan										25-30	20	85-90
Cilacap Tengah										25-30	20	85-90
Cilacap Utara										25-30	20	85-90
Cimangu										22-28	10	85-95
Cipari										23-29	10	85-95
Dayeuhluhur										22-28	10	85-95
Gandrungmangu										23-29	10	85-95
Jeruklegi										25-30	20	85-90
Kampung Laut										25-30	20	85-90
Karang Pacung										23-29	10	85-95
Kawungaten										23-29	10	85-95
Kedungrejo										23-29	10	85-95
Kesugihan										23-30	20	85-90
Kroya										23-30	20	85-90
Majenang										22-28	10	85-95
Nusakambangan										25-30	20	85-90
Nusawungu										23-30	20	85-90
Sidareja										23-29	10	85-95

LEGENDA: Cerah, Cerah berawan, Berawan, Berawan lokal, Awan, Kabut, Hujan ringan, Hujan sedang, Hujan lokal, Hujan deras

Semarang, Minggu 18 Oktober 2020 / 09:06 WIB
Praktikawan: BMKG

INFORMASI BMKG
GUYARTO 19740119.199603.1001

14:41

Stasiun Meteorologi Ahmad Yani

BADAN METEOROLOGI KLIMATOLOGI DAN GEOFISIKA
BMKG
Stasiun Meteorologi Kelas II Ahmad Yani - Semarang

PRAKIRAAN CUACA KAB. CILACAP
Berlaku Mulai : Sel 20 Okt 2020 / 07:00 WIB
Hingga : Rab 21 Okt 2020 / 07:00 WIB

LOKASI	07.00	10.00	13.00	16.00	19.00	22.00	01.00	04.00	07.00	HARI	AMON	KUJEMBARAN
Adipala										24-30	20	70-95
Binangun										24-30	20	70-95
Cilacap Selatan										24-30	20	70-95
Cilacap Tengah										24-30	20	70-95
Cilacap Utara										24-30	20	70-95
Cimangu										23-29	20	70-95
Cipari										24-30	20	70-95
Dayeuhluhur										22-29	20	70-95
Gandrungmangu										24-30	20	70-95
Jeruklegi										24-30	20	70-95
Kampung Laut										24-30	20	70-95
Karang Pacung										24-30	20	70-95
Kawungaten										24-30	20	70-95
Kedungrejo										24-30	20	70-95
Kesugihan										24-30	20	70-95
Kroya										24-30	20	70-95
Majenang										23-29	20	70-95
Nusakambangan										24-30	20	70-95
Nusawungu										24-30	20	70-95
Sidareja										24-30	20	70-95

LEGENDA: Cerah, Cerah berawan, Berawan, Berawan lokal, Awan, Kabut, Hujan ringan, Hujan sedang, Hujan lokal, Hujan deras

Semarang, Senin 19 Oktober 2020 / 09:21 WIB
Praktikawan: BMKG

INFORMASI BMKG
GEMPITA IKRY DZIKRILLAH 19920118.201210.1001