

LAMPIRAN

1. Kartu Monitoring Proposal



KARTU MONITORING BIMBINGAN
 MAHASISWA PROGRAM STUDI TEKNIK INFORMATIKA
 FAKULTAS TEKNIK
 UNIVERSITAS MUHAMMADIYAH PAREPARE

PROPOSAL

Mahasiswa : Wawan Andika.s	Pembimbing I : Muh. Basri, ST.,MT
Nim : 220280105	Pembimbing II : Ahmad Selao, S.T.P., M.Sc
Judul skripsi : Perbandingan Metode Fuzzy Dan Technique For Order Preference By Similarity To Ideal Solution(Topsis) Dalam Menentukan Kriteria Rumah Tinggal	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1 Lansaan teori ditugas		Konsultasi 1 - Pengel. logis hubng Judul & tujuan penelitian - Only konstg	/
Konsultasi 2 pahami fuzzy logic dan topos		Konsultasi 2 - Kriteria = Rupa/tipe bagaimana yg hrs - Bagaimana sifatnya ketika dlmnya bobot maka kriteria yg hrs	/
Konsultasi 3 Pengel. rumus Metode yg dijumlah		Konsultasi 3 - Bobot/prioritas (Skor) - prioritas yg memilih R.T. bobt dijumlahkan (Fuzzy & Topsis)	/
Konsultasi 4 Bce propos pahami metode	/	Konsultasi 4 - Hubngs / Novel tony X Baw. Inka, peneltis sebelumnya & then selo (urutan, bandung) IT	/
Konsultasi 5		Konsultasi 5 Ase	/

Lanjut ke halaman sebelah...

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
2. Kartu ini wajib dibawa oleh mahasiswa disetiap konsultasi dan diisi oleh Pembimbing
3. Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu persyaratan untuk ikut seminar proposal/ujian skripsi
4. Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak bribal baik

2. Kartu Monitoring Skripsi



KARTU MONITORING BIMBINGAN
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HASIL

MAHASISWA : WAWAN ANDIKA,S	Pembimbing I : Muh.Basri. ST., MT.
NIM : 220280105	Pembimbing II : Ahmad Seloo, S.T.P.,M.Sc.
Judul Skripsi : PERBANDINGAN METODE FUZZY DAN TECHNIQUE FOR ORDER PREFERENCE BY SIMILARITY TO IDEALSOLUTION(TOPSIS) DALAM MENENTUKAN KRITERIA RUMAH TINGGAL	

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 1		Konsultasi 1 <i>Acc Hail</i>	<i>[Signature]</i>
Konsultasi 2		Konsultasi 2	
Konsultasi 3		Konsultasi 3	
Konsultasi 4 <i>Acc Hail</i>	<i>[Signature]</i>	Konsultasi 4	
Konsultasi 5		Konsultasi 5	

Lanjut ke halaman sebelah...

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3. Kartu Monitoring Skripsi

Lanjutan...

ARAHAN PEMBIMBING I	HARI/TGL & PARAF PEMBIMBING	ARAHAN PEMBIMBING II	HARI/TGL & PARAF PEMBIMBING
Konsultasi 6		Konsultasi 6	
		Acc Intan	Intan
Konsultasi 7		Konsultasi 7	
Konsultasi 8		Konsultasi 8	
Acc Intan	Intan		
Konsultasi 9		Konsultasi 9	
Konsultasi 10		Konsultasi 10	

Parepare, 2024

Mengetahui
Ketua Program Studi

Marlina, S.Kom., M.Kom.
NBM. 1162 680

Mahasiswa

WAWAN ANDIKA.S
NTM. 220280105

Perhatian :

1. Mahasiswa wajib konsultasi minimal 5 kali
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3. Kartu ini wajib dilampirkan pada laporan skripsi dan menjadi salah satu persyaratan untuk ikut seminar proposal/ujian skripsi
4. Kartu ini dicetak di atas kertas karton berwarna hijau muda dan dicetak timbal balik

4. Script Halaman Admin (index.php)

```
<?php include("../kon.php"); ?>
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta name="viewport"
content="width=device-width, initial-
scale=1, shrink-to-fit=no">
  <title>Purple Admin</title>
  <link
href="https://cdn.jsdelivr.net/npm/boot
strap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU9OFeRpok6
YctnYmDr5pNlyT2bRjXh0JMhY6h
W+ALEwIH"
crossorigin="anonymous">

</head>

<body>
  <nav class="navbar navbar-expand-
lg bg-dark" data-bs-theme='dark'>
    <div class="container">
      <a class="navbar-brand fw-bold
text-light"
href="index.php">Rekomendasi
Perumahan</a>
      <button class="navbar-toggler"
type="button" data-bs-
toggle="collapse" data-bs-
target="#navbarNavAltMarkup" aria-
controls="navbarNavAltMarkup" aria-
expanded="false" aria-label="Toggle
navigation">
        <span class="navbar-toggler-
icon"></span>
      </button>
      <div class="collapse navbar-
collapse" id="navbarNavAltMarkup">
        <div class="navbar-nav ms-
auto">
          <a class="nav-link fw-bold
text-light" aria-current="page"
href="#home">Home</a>
```

```
          <a class="nav-link fw-bold
text-light" href="#main-body">Data
Perumahan</a>
          <a class="ms-5 fw-bold
btn btn-info text-light"
href="../index.php">Keluar</a>
        </div>
      </div>
    </nav>

    <div class="card text-bg-dark "
style="min-height: 100vh;"
id="home">
      
      <div class="card-img-overlay
position-absolute top-50 start-50
translate-middle text-center">
        <h5 class="card-title bg-info
py-4 rounded-pill">SELAMAT
DATANG DI APLIKASI
REKOMENDASI RUMAH</h5>
      </div>
    </div>

    <section id="main-body">
      <?php
include("daftarRumah.php"); ?>
    </section>

    <footer class="footer">
      <div class="container-fluid d-flex
justify-content-between">
        <span class="text-muted d-
block text-center text-sm-start d-sm-
inline-block">Copyright ©
bootstrapdash.com 2021</span>
        <span class="float-none float-
sm-end mt-1 mt-sm-0 text-end"> Free
<a
href="https://www.bootstrapdash.com/
bootstrap-admin-template/"
target="_blank">Bootstrap admin
template</a> from
Bootstrapdash.com</span>
```

```

</div>
</footer>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZ
YvpcrYf0tY3lHB60NNkmXc5s9fDVZ

```

```

LESaAA55NDzOxhy9GkcIdslK1eN7
N6jleHz"
crossorigin="anonymous"></script>

</body>

</html>

```

5. Script Halaman Daftar Rumah (daftarRumah.php)

```

<div class="container shadow-sm p-
3 mb-5 bg-body-tertiary rounded">
  <div class="card">
    <div class="card-body">
      <div class="card-title d-flex
justify-content-between px-5 my-5">
        <h2 class="fw-
bold">DATA PERUMAHAN</h2>
        <form action="action.php"
method="post"
enctype="multipart/form-data">
          <button type="button"
class="btn btn-outline-success text-
dark" data-bs-toggle="modal" data-bs-
target="#tambah_data">
            Tambah Data
          </button>
          <div class="modal fade"
id="tambah_data" tabindex="-1" aria-
labelledby="exampleModalLabel"
aria-hidden="true">
            <div class="modal-
dialog modal-dialog-centered">
              <div class="modal-
content">
                <div
class="modal-header">
                  <h1
class="modal-title fs-5"
id="exampleModalLabel">Tambah
Data Perumahan</h1>
                  <button
type="button" class="btn-close" data-
bs-dismiss="modal" aria-
label="Close"></button>
                </div>
                <div
class="modal-body">

```

```

      <div
class="form-floating mb-3">
        <input
type="text" require class="form-
control" id="nama_perumahan"
name="nama_perumahan"
placeholder="Nama Perumahan">
        <label
for="#nama_perumahan">Nama
Perumahan</label>
      </div>
      <div
class="form-floating mb-3">
        <input
type="text" require class="form-
control" id="tipe" name="tipe"
placeholder="Tipe Perumahan">
        <label
for="#tipe">Tipe Perumahan</label>
      </div>
      <div
class="form-floating mb-3">
        <input
type="text" require class="form-
control" id="harga" name="harga"
placeholder="Harga Perumahan">
        <label
for="#harga">Harga
Perumahan</label>
      </div>
      <div
class="form-floating mb-3">
        <input
type="text" require class="form-
control" id="jarak" name="jarak"
placeholder="Jarak Perumahan">
        <label
for="#jarak">Jarak Perumahan</label>
      </div>

```

```

<div
class="form-floating mb-3">
  <input
type="text"    require    class="form-
control"      id="air"    name="air"
placeholder="Sumber      Air
Perumahan">
    <label
for="#air">Sumber      Air
Perumahan</label>
  </div>
  <div
class="form-floating mb-3">
    <input
type="text"    require    class="form-
control"      id="alamat" name="alamat"
placeholder="Alamat Perumahan">
      <label
for="#alamat">Alamat
Perumahan</label>
    </div>
    <input
type="file"    class="form-control"
id="gambar"    name="gambar"
accept="image/*"
placeholder="Gambar Perumahan">
  </div>
  <div
class="modal-footer">
    <button
type="button"    class="btn    btn-
secondary"      data-bs-
dismiss="modal">Close</button>
    <button
type="submit" class="btn btn-primary"
name="tambah">Save</button>
  </div>
</div>
</div>
</div>
</div>
</div>
</div>
<div    class="table-
responsive">
  <table class="table table-
striped">
    <thead>
      <th    class="fw-
bold">No</th>

```

```

      <th    class="fw-
bold">Nama Perumahan</th>
      <th    class="fw-
bold">Tipe</th>
      <th    class="fw-
bold">Harga</th>
      <th    class="fw-
bold">Jarak</th>
      <th    class="fw-
bold">Air</th>
      <th    class="fw-
bold">Alamat</th>
      <th    class="fw-
bold">Lihat Gambar</th>
      <th    class="fw-
bold">Aksi</th>
    </thead>
    <tbody>
      <?php
      $i = 1;
      $data = $kon-
>query("SELECT * FROM btn INNER
JOIN btn1 ON btn.id=btn1.id");
      while ($row = $data-
>fetch_assoc()) {
        ?>
        <tr>
          <td><?=    $i++;
        ?></td>
          <td><?=
$row["nama_perumahan"]; ?></td>
          <td><?=
$row["tipe"]; ?></td>
          <td><?=
$row["harga"]; ?></td>
          <td><?=
$row["jarak"]; ?></td>
          <td><?=
$row["air"]; ?></td>
          <td><?=
$row["alamat"]; ?></td>
          <td>
            <button
type="button" class="btn btn-primary"
data-bs-toggle="modal"    data-bs-
target="#lihatGambar<?=    $row["id"];
?>">
              Lihat
Gambar
            </button>

```

```

<div
class="modal fade"
id="lihatGambar<?= $row["id"]; ?>"
tabindex="-1" aria-
labelledby="exampleModalLabel"
aria-hidden="true">

<div
class="modal-dialog modal-dialog-
centered">

<div
class="modal-content">

<div
class="modal-header">

<h1
class="modal-title fs-5"
id="exampleModalLabel"><?=
$row["nama_perumahan"]; ?></h1>

<button type="button" class="btn-
close" data-bs-dismiss="modal" aria-
label="Close"></button>

</div>

<div
class="modal-body text-center">

.png" class="img-
fluid">

</div>

<div
class="modal-footer">

<button type="button" class="btn btn-
secondary" data-bs-
dismiss="modal">Close</button>

</div>

</div>

</div>

</td>

<td class="d-
flex justify-content-center">

<form
action="action.php" method="post"
enctype="multipart/form-data">

<button
type="button" class="btn btn-warning
text-dark mx-1" data-bs-
toggle="modal" data-bs-
target="#edit<?= $row["id"]; ?>">

```

```

Edit
</button>

<div
class="modal fade" id="edit<?=
$row["id"]; ?>" tabindex="-1" aria-
labelledby="exampleModalLabel"
aria-hidden="true">

<div
class="modal-dialog modal-dialog-
centered">

<div
class="modal-content">

<div class="modal-header">

<h1 class="modal-title fs-5"
id="exampleModalLabel">Perumahan
<?= $row['nama_perumahan']; ?></h1>

<button type="button" class="btn-
close" data-bs-dismiss="modal" aria-
label="Close"></button>

</div>

<div class="modal-body">

<input type="hidden" name="id"
value="<?= $row["id"]; ?>">

<div class="form-floating mb-3">

<input type="text" require class="form-
control" id="nama_perumahan"
name="nama_perumahan"
placeholder="Nama Perumahan"
value="<?= $row["nama_perumahan"];
?>">

<label for="nama_perumahan">Nama
Perumahan</label>

</div>

<div class="form-floating mb-3">

<input type="text" require class="form-
control" id="tipe" name="tipe"
placeholder="Tipe Perumahan"
value="<?= $row["tipe"]; ?>">

```

```
<label for="tipe">Tipe
Perumahan</label>
```

```
</div>
```

```
<div class="form-floating mb-3">
```

```
<input type="text" require class="form-
control" id="harga" name="harga"
placeholder="Harga Perumahan"
value="<?= $row["harga"]; ?>">
```

```
<label for="harga">Harga
Perumahan</label>
```

```
</div>
```

```
<div class="form-floating mb-3">
```

```
<input type="text" require class="form-
control" id="jarak" name="jarak"
placeholder="Jarak Perumahan"
value="<?= $row["jarak"]; ?>">
```

```
<label for="jarak">Jarak
Perumahan</label>
```

```
</div>
```

```
<div class="form-floating mb-3">
```

```
<input type="text" require class="form-
control" id="air" name="air"
placeholder="Sumber Air Perumahan"
value="<?= $row["air"]; ?>">
```

```
<label for="air">Sumber Air
Perumahan</label>
```

```
</div>
```

```
<div class="form-floating mb-3">
```

```
<input type="text" require class="form-
control" id="alamat" name="alamat"
placeholder="Alamat Perumahan"
value="<?= $row["alamat"]; ?>">
```

```
<label for="alamat">Alamat
Perumahan</label>
```

```
</div>
```

```
<input type="file" class="form-
control" id="gambar" name="gambar"
accept="image/*"
placeholder="Gambar Perumahan">
```

```
</div>
```

```
<div class="modal-footer">
```

```
<button type="button" class="btn btn-
secondary" data-bs-
dismiss="modal">Close</button>
```

```
<button type="submit" name="edit"
class="btn btn-
primary">Save</button>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
<form
```

```
action="action.php" method="post">
```

```
<button
```

```
type="button" class="btn btn-danger
mx-1" data-bs-toggle="modal" data-bs-
target="#delete<?= $row["id"]; ?>">
```

```
Delete
```

```
</button>
```

```
<div
```

```
class="modal fade" id="delete<?=
$row["id"]; ?>" tabindex="-1" aria-
labelledby="exampleModalLabel"
aria-hidden="true">
```

```
<div
```

```
class="modal-dialog modal-dialog-
centered">
```

```
<div
```

```
class="modal-content">
```

```
<div class="modal-header">
```

```
<h1 class="modal-title fs-5"
```

```

id="exampleModalLabel">Perumahan
<?= $row['nama_perumahan']; ?></h1>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

<p class="p">Ingin Menghapus Data Perumahan <?= $row["nama_perumahan"]; ?></p>

<input type="hidden" class="form-control" name="id" value="<?= $row["id"]; ?>">

</div>

<div class="modal-footer">

```

6. Script Halaman Login (login.php)

```

<?php
if (isset($_POST["login"])) {
    $email = $_POST["email"];
    $password = $_POST["password"];
    if ($email == "admin@admin.com"
    && $password == "admin") {
        header("location:index.php");
    }
    $msg = "Username / Password
Wrong";
}
?>

```

```

<!DOCTYPE html>
<html lang="en">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport"
content="width=device-width, initial-
scale=1, shrink-to-fit=no">
    <title>Purple Admin</title>

```

```

<button type="button" class="btn btn-
secondary" data-bs-
dismiss="modal">Close</button>

<button type="submit" name="delete"
class="btn btn-
primary">Save</button>

</div>

</div>
</div>
</div>
</form>
</td>
</tr>
<?php } ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>

```

```

<!-- plugins:css -->
<link rel="stylesheet"
href="../assets/vendors/mdi/css/materia
ldesignicons.min.css">
<link rel="stylesheet"
href="../assets/vendors/css/vendor.bun
dle.base.css">
<link rel="stylesheet"
href="../assets/css/style.css">
<!-- End layout styles -->
<link rel="shortcut icon"
href="../assets/images/favicon.ico" />
</head>

```

```

<body>
    <form action="#" method="post">
        <div class="container d-flex
align-items-center justify-content-
center" style="min-height: 80vh;">
            <div class="card">
                <div class="card-body text-
center">

```

```

        <div class="card shadow
p-3 my-5 bg-body-tertiary rounded"
style="min-width: 36rem;">
        <?php if (isset($msg)) {
?>
                <div class="alert
alert-danger" role="alert">
                        <?= $msg; ?>
                </div>
        <?php } ?>
        <div class="card-
body">
                <h4>Login</h4>
                <div class="form-
floating mb-3">
                        <input
type="email" require class="form-
control" id="email" name="email"
placeholder="Email">
                                <label
for="#email">Email</label>
                        </div>
                        <div class="form-
floating mb-3">
                                <input
type="password" require class="form-
control" id="password"
name="password"
placeholder="Password">
                                        <label
for="#password">Password</label>
                                </div>

```

```

                <button
type="submit" name="login"
class="btn btn-outline-
success">Login</button>
                </div>
        </div>
        </div>
        </div>
        </div>
        </form>

        <!-- container-scroller -->
        <!-- plugins:js -->
        <script
src="../assets/vendors/js/vendor.bundle
.base.js"></script>
        <!-- endinject -->
        <!-- Plugin js for this page -->
        <!-- End plugin js for this page -->
        <!-- inject:js -->
        <script src="../assets/js/off-
canvas.js"></script>
        <script src="../assets/js/hoverable-
collapse.js"></script>
        <script
src="../assets/js/misc.js"></script>
        <!-- endinject -->
</body>

</html>

```

7. Script Aksi (action.php)

```
<?php
include("../kon.php");

if (isset($_POST["tambah"])) {
    $nama_perumahan =
$_POST["nama_perumahan"];
    $tipe = $_POST["tipe"];
    $harga = $_POST["harga"];
    $jarak = $_POST["jarak"];
    $sair = $_POST["air"];
    $alamat = $_POST["alamat"];
    $gambar = $_FILES["gambar"];
    if (!empty($gambar)) {
        move_uploaded_file($gambar["tmp_name"],
        "../assets/images/upload/$nama_perumahan.png");
    }

    $id = $kon->query("SELECT * FROM btn")->num_rows + 1;

    $nama_gambar = $nama_perumahan . $id;

    $kon->query("INSERT INTO btn VALUES ('$id','$nama_perumahan', '$tipe', '$harga', '$jarak', '$sair', '$alamat', '$nama_gambar', 0,0,0,0,0) ");

    $kon->query("INSERT INTO btn1 VALUES ('$id','$nama_perumahan', '$tipe', '$harga', '$jarak', '$sair', '$alamat' , '$nama_gambar', 0,0,0,0,0) ");

    header("location:index.php");
}
```

```
}
if (isset($_POST["edit"])) {
    $id = $_POST["id"];
    $nama_perumahan =
$_POST["nama_perumahan"];
    $tipe = $_POST["tipe"];
    $harga = $_POST["harga"];
    $jarak = $_POST["jarak"];
    $sair = $_POST["air"];
    $alamat = $_POST["alamat"];
    $gambar = $_FILES["gambar"];
    $nama_file = $gambar["name"];
    $nama_gambar = $nama_perumahan . $id;

    move_uploaded_file($gambar["tmp_name"],
    "../assets/images/upload/$nama_gambar.png");

    $kon->query("UPDATE btn1 SET nama_perumahan='$nama_perumahan', tipe='$tipe', harga='$harga', jarak='$jarak', air='$sair' , alamat='$alamat', gambar='$nama_gambar' WHERE id='$id' ");

    $kon->query("UPDATE btn SET nama_perumahan='$nama_perumahan', tipe='$tipe', harga='$harga', jarak='$jarak', air='$sair' , alamat='$alamat', gambar='$nama_gambar' WHERE id='$id' ");

    header("location:index.php");
}
if (isset($_POST["delete"])) {
```

```

$id = $_POST["id"];

$kon->query("DELETE FROM btn
WHERE id='$id'");

$kon->query("DELETE FROM btn1
WHERE id='$id'");
header("location:index.php");
}

```

8. Script Halaman Detail Perumahan (detail.php)

```

<?php if (isset($_GET["id"])) {
    include("kon.php");
    $id = $_GET["id"];
    $data = $kon->query("SELECT *
FROM btn WHERE id='$id'");
    $data = $data->fetch_assoc();
?>

<!DOCTYPE html>
<html lang="en">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport"
content="width=device-width, initial-
scale=1, shrink-to-fit=no">
    <title>Purple Admin</title>
    <!-- plugins:css -->
    <link rel="stylesheet"
href="assets/vendors/mdi/css/materiald
esignicons.min.css">
    <link rel="stylesheet"
href="assets/vendors/css/vendor.bundl
e.base.css">
    <link rel="stylesheet"
href="assets/css/style.css">
    <!-- End layout styles -->
    <link rel="shortcut icon"
href="assets/images/favicon.ico" />
</head>

<body>
    <nav class="navbar navbar-
expand-lg bg-dark" data-bs-
theme='dark'>
        <div class="container">
            <a class="navbar-brand fw-
bold text-light"
href="index.php">Rekomendasi
Perumahan</a>
            <button class="navbar-
toggler" type="button" data-bs-
toggle="collapse" data-bs-
target="#navbarNavAltMarkup" aria-
controls="navbarNavAltMarkup" aria-
expanded="false" aria-label="Toggle
navigation">
                <span class="navbar-
toggler-icon"></span>
            </button>
            <div class="collapse navbar-
collapse" id="navbarNavAltMarkup">
                <div class="navbar-nav
ms-auto">
                    <a class="nav-link fw-
bold text-light" aria-current="page"
href="#home">Home</a>
                    <a class="nav-link fw-
bold text-light"
href="index.php#rekomendasi">Reko
mendasi</a>
                    <a class="nav-link fw-
bold text-light"
href="index.php#data_perumahan">Da
ta Perumahan</a>
                </div>
            </div>
        </nav>
        <section id="detail">
            <div class="container d-flex
align-items-center" style=" min-height:
80vh;">
                <div class="card my-3
shadow p-3 mb-5 bg-body-tertiary
rounded w-100">
                    <div class="card-header d-
flex justify-content-between">
                        <a href="index.php"
class="btn btn-outline-
primary">&leftarrow;</a>

```

```

<h1><?=
$data["nama_perumahan"]; ?></h1>
</div>
<div class="card-body">
<div class="row align-items-center">
<div class="col-md-4">
.png" class="img-fluid rounded-start" width="100%">
</div>
<div class="col-md-8">
<div class="row">
<div class="col-4">
<p>Tipe</p>
</div>
<div class="col-8">
<?=
$data["tipe"]; ?>
</div>
</div>
<div class="row">
<div class="col-4">
<p>Jarak</p>
</div>
<div class="col-8">
<?=
$data["jarak"]; ?>
</div>
</div>
<div class="row">
<div class="col-4">
<p>Sumber Air</p>
</div>
<div class="col-8">
<?=
$data["air"]; ?>
</div>
</div>
<div class="row">

```

```
<div class="col-4">
<p>Alamat</p>
</div>
<div class="col-8">
<?=$data["alamat"]; ?>
</div>
</div>
<div class="row">
<div class="col-4">
<p>Harga</p>
</div>
<div class="col-8">
<?=$data["harga"]; ?>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</section>
<footer class="footer fixed-bottom">
<div class="container-fluid d-flex justify-content-between">
<span class="text-muted d-block text-center text-sm-start d-sm-inline-block">Copyright © bootstrapdash.com 2021</span>
<span class="float-none float-sm-end mt-1 mt-sm-0 text-end">Free <a href="https://www.bootstrapdash.com/bootstrap-admin-template/" target="_blank">Bootstrap admin template</a> from Bootstrapdash.com</span>
</div>
</footer>
<!-- container-scroller -->
<!-- plugins:js -->
```

```

<script
src="assets/vendors/js/vendor.bundle.b
ase.js"></script>
<!-- endinject -->
<!-- Plugin js for this page -->
<!-- End plugin js for this page -->
<!-- inject:js -->
<script      src="assets/js/off-
canvas.js"></script>
<script  src="assets/js/hoverable-
collapse.js"></script>

```

```

<script
src="assets/js/misc.js"></script>
<!-- endinject -->
</body>

</html>
<?php } else {
    header("location:index.php");
} ?>

```

9. Script Halaman User (index.php)

```

<!DOCTYPE html>
<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport"
content="width=device-width, initial-
scale=1, shrink-to-fit=no">
  <title>Purple Admin</title>
  <!-- plugins:css -->
  <link rel="stylesheet"
href="assets/vendors/mdi/css/materialdesi
gnicons.min.css">
  <link rel="stylesheet"
href="assets/vendors/css/vendor.bundle.ba
se.css">
  <link rel="stylesheet"
href="assets/css/style.css">
  <!-- End layout styles -->
  <link rel="shortcut icon"
href="assets/images/favicon.ico" />
</head>

<body>
  <nav class="navbar navbar-expand-lg bg-
dark" data-bs-theme='dark'>
    <div class="container">
      <a class="navbar-brand fw-bold text-
light" href="index.php">Rekomendasi
Perumahan</a>
      <button class="navbar-toggler"
type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNavAltMarkup"

```

```

aria-controls="navbarNavAltMarkup"
aria-expanded="false" aria-label="Toggle
navigation">
      <span class="navbar-toggler-
icon"></span>
    </button>
    <div class="collapse navbar-collapse"
id="navbarNavAltMarkup">
      <div class="navbar-nav ms-auto">
        <a class="nav-link fw-bold text-
light" aria-current="page"
href="#home">Home</a>
        <a class="nav-link fw-bold text-
light"
href="#rekomendasi">Rekomendasi</a>
        <a class="nav-link fw-bold text-
light" href="#data_perumahan">Data
Perumahan</a>
        <a class="nav-link fw-bold text-
light btn btn-outline-primary ms-5"
href="admin/login.php">Masuk</a>
      </div>
    </div>
  </nav>

  <div class="card text-bg-dark "
style="min-height: 100vh;" id="home">
    
    <div class="card-img-overlay position-
absolute top-50 start-50 translate-middle
text-center">

```



```

        <div class="form-check">
            <label class="form-check-
label">
                <input type="radio"
class="form-check-input"
name="Jarakcek" value="Jauh"> Jauh (3.3
km - 4.4 km)</label>
            </div>
        </div>

        <div class="form-group">
            <label
for="exampleSelectGender">Air</label>
            <div class="form-check">
                <label class="form-check-
label">
                    <input type="radio"
class="form-check-input" name="aircek"
value="PDAM"> PDAM </label>
                </div>
                <div class="form-check">
                    <label class="form-check-
label">
                        <input type="radio"
class="form-check-input" name="aircek"
value="BOR"> BOR </label>
                    </div>
                </div>

                <button type="submit"
class="btn btn-gradient-primary me-2"
name="cek"
value="cek">Submit</button>
                <button type="submit"
class="btn btn-light" name="reset"
value="reset">Cancel</button>
            </form>

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

<div class="col-lg-9 grid-margin
stretch-card">
    <div class="card">
        <div class="card-body">
            <div class="card">
                <div class="card-body">
                    <h1 class="page-title">
Tabel Rekomendasi Metode Fuzzy</h1>

```

```

        <table class="table table-
hover">

            <tr>
                <th>No</th>
                <th>Nama
Perumahan</th>
                <th>Harga</th>
                <th>Jarak</th>
                <th>Tipe</th>
                <th>Air</th>
                <th>Alamat</th>
            </tr>

        </thead>
        <tbody>
            <?php
include 'konn.php';
$resultt = $con-
>query("SELECT * FROM btn WHERE
fs!=0 ORDER BY fs ASC");
            $no = 1;
            while ($dam = $resultt-
>fetch(PDO::FETCH_ASSOC)) {
                echo "<tr>";
                echo "<td>" . $no .
"</td>";
                echo "<td>" .
$dam['nama_perumahan'] . "</td>";
                echo "<td>Rp " .
$dam['harga'] . "</td>";
                echo "<td>" .
$dam['jarak'] . " Km</td>";
                echo "<td>" .
$dam['tipe'] . "</td>";
                echo "<td>" .
$dam['air'] . "</td>";
                echo "<td>" .
$dam['alamat'] . "</td>";
                echo "</tr>";
                $no++;
            }
        <?>
    </tbody>
</table>
</div>
</div>
<div class="card">
    <div class="card-body">

```

```

        <h1 class="page-title">
Tabel Rekomendasi Metode Topsis</h1>
        <table class="table table-
hover">
            <thead>
                <tr>
                    <th>No</th>
                    <th>Nama
Perumahan</th>
                    <th>Harga</th>
                    <th>Jarak</th>
                    <th>Tipe</th>
                    <th>Air</th>
                    <th>Alamat</th>
                </tr>
            </thead>
            <tbody>
                <?php
include 'konn.php';
$resultt = $con-
>query("SELECT * FROM btn1 WHERE
tp != 0 ORDER BY tp ASC");
                $no = 1;
                while ($dam = $resultt-
>fetch(PDO::FETCH_ASSOC)) {
                    echo "<tr>";
                    echo "<td>" . $no .
"</td>";
                    echo "<td>" .
$dam['nama_perumahan'] . "</td>";
                    echo "<td>Rp " .
$dam['harga'] . "</td>";
                    echo "<td>" .
$dam['jarak'] . " Km</td>";
                    echo "<td>" .
$dam['tipe'] . "</td>";
                    echo "<td>" .
$dam['air'] . "</td>";
                    echo "<td>" .
$dam['alamat'] . "</td>";
                    echo "</tr>";
                    $no++;
                }
                ?>
            </tbody>
        </table>
    </div>
</div>
</div>
</div>

```

```

    </div>

    <div class="col-lg-12 grid-margin
stretch-card" id="data_perumahan">
        <div class="card">
            <div class="card-body">
                <h1 class="page-title"> Data
Perumahan </h1>
                <table class="table table-
striped">
                    <thead>
                        <tr>
                            <th> No </th>
                            <th> Nama </th>
                            <th> Harga </th>
                            <th> Jarak </th>
                            <th> Tipe Bangunan </th>
                            <th> Air </th>
                            <th> Alamat </th>
                        </tr>
                    </thead>
                    <tbody>
                        <?php
include 'konn.php';

                        $result = $con-
>query("SELECT * FROM btn");
                        $no = 1;
                        while ($da = $result-
>fetch(PDO::FETCH_ASSOC)) {
                            echo "<tr>";
                            echo "<td>" . $no .
"</td>";
                            echo "<td>" .
$da['nama_perumahan'] . "</td>";
                            echo "<td>Rp " .
$da['harga'] . "</td>";
                            echo "<td>" . $da['jarak'] .
" Km</td>";
                            echo "<td>" . $da['tipe'] .
"</td>";
                            echo "<td>" . $da['air'] .
"</td>";
                            echo "<td>" . $da['alamat']
. "</td>";
                            echo "<td><a class='btn
btn-outline-primary' href='detail.php?id="
. $da['id'] . "'>Detail</a> </td>";
                            echo "</tr>";
                            $no++;
                        }
                    </tbody>
                </table>
            </div>
        </div>
    </div>

```

```

    }
    ?>
  </tbody>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="container-fluid d-flex
justify-content-between">
  <span class="text-muted d-block text-
center text-sm-start d-sm-inline-
block">Copyright © bootstrapdash.com
2021</span>
  <span class="float-none float-sm-end
mt-1 mt-sm-0 text-end"> Free <a
href="https://www.bootstrapdash.com/boot
strap-admin-template/"

```

```

target="_blank">Bootstrap admin
template</a> from
Bootstrapdash.com</span>
</div>
</footer>
<!-- container-scroller -->
<!-- plugins:js -->
<script
src="assets/vendors/js/vendor.bundle.base.
js"></script>
<!-- endinject -->
<!-- Plugin js for this page -->
<!-- End plugin js for this page -->
<!-- inject:js -->
<script src="assets/js/off-
canvas.js"></script>
<script src="assets/js/hoverable-
collapse.js"></script>
<script src="assets/js/misc.js"></script>
<!-- endinject -->
</body>

</html>

```

10. Script Koneksi (konn.php)

```

<?php
$host = 'localhost';
$db = 'btn';
$user = 'root';
$pass = '';

try {

```

```

$con = new
PDO("mysql:host={ $host };dbname={ $db }
", $user, $pass);

$con-
>setAttribute(PDO::ATTR_ERRMODE,
PDO::ERRMODE_EXCEPTION);
} catch (PDOException $e) {
    echo "Error: " . $e->getMessage();
}

```

11. Script Fuzzyfikasi(proses.php)

```

<?php
include "kon.php";
include "topsis.php";
$dat = mysqli_query($kon, "SELECT *
FROM btn");
$jum = mysqli_num_rows($dat);

if (isset($_POST['reset'])) {
    include('konn.php');
    $no = 1;
    while ($no <= $jum) {

```

```

        $reset = $con->prepare("UPDATE btn
SET a = 0, b = 0, c = 0, d = 0, fs = 0 WHERE
id = $no");
        $reset->execute();
        $no++;
    }
    setDefault();
} elseif (isset($_POST['cek'])) {
    include('konn.php');
    $harga = $_POST['Hargacek'];
    $tipe = $_POST['Tipecek'];
    $jarak = $_POST['Jarakcek'];

```

```

    $air = trim($_POST['aircek']);

    setDefault();
    foreach ($reversi as $i => $value) {
        $i += 1;
        $kon->query("UPDATE btn1 SET
tp='$value' WHERE id='$i' and tipe='$tipe'
and air='$air'");
    }

    $nomor = 1;
    if ($tipe == 36) {
        $resultt = $con->query("SELECT *
FROM btn WHERE tipe = 36");
        while ($dam = $resultt-
>fetch(PDO::FETCH_ASSOC)) {
            $a = $con->prepare("UPDATE btn
SET c = 1 WHERE tipe = 36");
            $a->execute();
            $nomor++;
        }

        $no = 1;
        $result = $con->query("SELECT *
FROM btn");
        if ($harga == 'Murah') {
            while ($dam = $result-
>fetch(PDO::FETCH_ASSOC)) {
                if ($dam['harga'] <= 136000000)
            {
                $a = $con->prepare("UPDATE
btn SET a = 1 WHERE id = $no");
                $a->execute();
            } elseif (136000000 <
$dam['harga'] && $dam['harga'] <
155000000) {
                $h = (155000000 -
$dam['harga']) / (155000000 - 136000000);
                $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                $a->execute();
            } elseif ($dam['harga'] >=
155000000) {
                $a = $con->prepare("UPDATE
btn SET a = 0 WHERE id = $no");
                $a->execute();
            }
            $no++;
        }
    } elseif ($harga == 'Sedang') {

```

```

        while ($dam = $result-
>fetch(PDO::FETCH_ASSOC)) {
            if ($dam['harga'] < 146000000 or
$dam['harga'] > 165000000) {
                $a = $con->prepare("UPDATE
btn SET a = 0 WHERE id = $no");
                $a->execute();
            } elseif (146000000 <=
$dam['harga'] && $dam['harga'] <
155000000) {
                $h = ($dam['harga'] -
146000000) / (155000000 - 146000000);
                $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                $a->execute();
            } elseif (155000000 <=
$dam['harga'] && $dam['harga'] <=
165000000) {
                $h = (165000000 -
$dam['harga']) / (165000000 - 155000000);
                $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                $a->execute();
            }
            $no++;
        }
    } elseif ($harga == 'Mahal') {
        while ($dam = $result-
>fetch(PDO::FETCH_ASSOC)) {
            if ($dam['harga'] < 150000000) {
                $a = $con->prepare("UPDATE
btn SET a = 0 WHERE id = $no");
                $a->execute();
            } elseif (150000000 <=
$dam['harga'] && $dam['harga'] <=
185000000) {
                $h = ($dam['harga'] -
150000000) / (185000000 - 150000000);
                $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                $a->execute();
            } elseif ($dam['harga'] >
185000000) {
                $a = $con->prepare("UPDATE
btn SET a = 1 WHERE id = $no");
                $a->execute();
            }
            $no++;
        }
    }
}

```

```

    } elseif ($tipe == 45) {
        $resultt = $con->query("SELECT *
FROM btn WHERE tipe = 45");
        while ($dam = $resultt-
>fetch(PDO::FETCH_ASSOC)) {
            $a = $con->prepare("UPDATE btn
SET c = 1 WHERE tipe=45");
            $a->execute();
            $nomor++;
        }

        $no = 1;
        $result = $con->query("SELECT *
FROM btn");

        if ($harga == 'Murah') {
            while ($dam = $result-
>fetch(PDO::FETCH_ASSOC)) {
                if ($dam['harga'] < 235000000) {
                    $a = $con->prepare("UPDATE
btn SET a = 1 WHERE id = $no");
                    $a->execute();
                } elseif (235000000 <=
$dam['harga'] && $dam['harga'] <=
248000000) {
                    $h = (248000000 -
$dam['harga']) / (248000000 - 235000000);
                    $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                    $a->execute();
                } elseif ($dam['harga'] >
248000000) {
                    $a = $con->prepare("UPDATE
btn SET a = 0 WHERE id = $no");
                    $a->execute();
                }
                $no++;
            }
        } elseif ($harga == 'Sedang') {
            while ($dam = $result-
>fetch(PDO::FETCH_ASSOC)) {
                if ($dam['harga'] < 240000000 or
$dam['harga'] > 255000000) {
                    $a = $con->prepare("UPDATE
btn SET a = 0 WHERE id = $no");
                    $a->execute();
                } elseif (240000000 <=
$dam['harga'] && $dam['harga'] <
248000000) {

```

```

                    $h = ($dam['harga'] -
240000000) / (248000000 - 240000000);
                    $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                    $a->execute();
                } elseif (248000000 <=
$dam['harga'] && $dam['harga'] <=
255000000) {
                    $h = (255000000 -
$dam['harga']) / (255000000 - 248000000);
                    $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                    $a->execute();
                }
                $no++;
            }
        } elseif ($harga == 'Mahal') {
            while ($dam = $result-
>fetch(PDO::FETCH_ASSOC)) {
                if ($dam['harga'] < 248000000) {
                    $a = $con->prepare("UPDATE
btn SET a = 0 WHERE id = $no");
                    $a->execute();
                } elseif (248000000 <=
$dam['harga'] && $dam['harga'] <=
265000000) {
                    $h = ($dam['harga'] -
248000000) / (265000000 - 248000000);
                    $a = $con->prepare("UPDATE
btn SET a = $h WHERE id = $no");
                    $a->execute();
                } elseif ($dam['harga'] >
265000000) {
                    $a = $con->prepare("UPDATE
btn SET a = 1 WHERE id = $no");
                    $a->execute();
                }
                $no++;
            }
        }
    }

    ##### jarak #####
    $nom = 1;
    $result1 = $con->query("SELECT *
FROM btn");
    if ($jarak == 'Dekat') {
        while ($dat = $result1-
>fetch(PDO::FETCH_ASSOC)) {
            if ($dat['jarak'] < 2.1) {

```

```

        $b = $con->prepare("UPDATE
btn SET b = 1 WHERE id = $nom");
        $b->execute();
    } elseif (2.1 <= $dat['jarak'] &&
$dat['jarak'] <= 3.3) {
        $i = (3.3 - $dat['jarak']) / (3.3 -
2.1);
        $b = $con->prepare("UPDATE
btn SET b = $i WHERE id = $nom");
        $b->execute();
    } elseif ($dat['jarak'] > 6003.3) {
        $b = $con->prepare("UPDATE
btn SET b = 0 WHERE id = $nom");
        $b->execute();
    }
    $nom++;
}
} elseif ($jarak == 'Sedang') {
    while ($dat = $result1-
>fetch(PDO::FETCH_ASSOC)) {
        if ($dat['jarak'] < 2.9 or $dat['jarak']
> 3.7) {
            $b = $con->prepare("UPDATE
btn SET b = 0 WHERE id = $nom");
            $b->execute();
        } elseif (2.9 <= $dat['jarak'] &&
$dat['jarak'] < 3.3) {
            $i = ($dat['jarak'] - 2.9) / (3.3 -
2.9);
            $b = $con->prepare("UPDATE
btn SET b = $i WHERE id = $nom");
            $b->execute();
        } elseif (3.3 <= $dat['jarak'] &&
$dat['jarak'] <= 3.7) {
            $i = (3.7 - $dat['jarak']) / (3.7 -
3.3);
            $b = $con->prepare("UPDATE
btn SET b = $i WHERE id = $nom");
            $b->execute();
        }
        $nom++;
    }
} elseif ($jarak == 'Jauh') {
    while ($dat = $result1-
>fetch(PDO::FETCH_ASSOC)) {
        if ($dat['jarak'] > 5) {
            $b = $con->prepare("UPDATE
btn SET b = 1 WHERE id = $nom");
            $b->execute();

```

```

        } elseif (3.3 <= $dat['jarak'] &&
$dat['jarak'] <= 5) {
            $i = ($dat['jarak'] - 3.3) / (5 - 3.3);
            $b = $con->prepare("UPDATE
btn SET b = $i WHERE id = $nom");
            $b->execute();
        } elseif ($dat['jarak'] < 3.3) {
            $b = $con->prepare("UPDATE
btn SET b = 0 WHERE id = $nom");
            $b->execute();
        }
        $nom++;
    }
}
##### air #####
$nomm = 1;
$result2 = $con->query("SELECT *
FROM btn");
if ($air == 'PDAM') {
    while ($datt = $result2-
>fetch(PDO::FETCH_ASSOC)) {
        $d = $con->prepare("UPDATE btn
SET d = 1 WHERE air='PDAM'");
        $d->execute();
        $nomm++;
    }
} elseif ($air == "BOR") {
    while ($datt = $result2-
>fetch(PDO::FETCH_ASSOC)) {
        $d = $con->prepare("UPDATE btn
SET d = 1 WHERE air='BOR'");
        $d->execute();
        $nomm++;
    }
}
##### fire strength #####
$nomor = 1;
$result3 = $con->query("SELECT *
FROM btn");
while ($data = $result3-
>fetch(PDO::FETCH_ASSOC)) {
    $a = $con->prepare("UPDATE btn
SET fs = a");
    $a->execute();
    $nomor++;
}
$nomor1 = 1;
$result4 = $con->query("SELECT *
FROM btn");

```

```

        while ($data = $result4-
>fetch(PDO::FETCH_ASSOC)) {
            $b = $con->prepare("UPDATE btn
SET fs = b WHERE b < fs");
            $b->execute();
            $nomor1++;
        }
        $nomor2 = 1;
        $result5 = $con->query("SELECT *
FROM btn");
        while ($data = $result5-
>fetch(PDO::FETCH_ASSOC)) {
            $c = $con->prepare("UPDATE btn
SET fs = c WHERE c < fs");
            $c->execute();

```

```

            $nomor2++;
        }
        $nomor3 = 1;
        $result6 = $con->query("SELECT *
FROM btn");
        while ($data = $result5-
>fetch(PDO::FETCH_ASSOC)) {
            $d = $con->prepare("UPDATE btn
SET fs = d WHERE d < fs");
            $d->execute();
            $nomor3++;
        }
    }
    header('location:index.php');

```

12. Script TOPSIS (topsis.php)

```

<?php
include("kon.php");

$bobot = [
    "C1" => 0.1,
    "C2" => 0.4,
    "C3" => 0.3,
    "C4" => 0.2
];
setCluster();
$data = setArray();
array_multisort($data, SORT_ASC);
// var_dump($data);
$Matrix = [
    "C1" => array_column($data, "C1"),
    "C2" => array_column($data, "C2"),
    "C3" => array_column($data, "C3"),
    "C4" => array_column($data, "C4")
];
$normalisasiMatrix =
Normalisasi($Matrix);
$bobotMatrix =
bobotNormalisasi($normalisasiMatrix,
$bobot);
list($ideal, $nIdeal) =
solusiIdeal($bobotMatrix);
list($jarakIdeal, $jarakNIdeal) =
penentuanJarak($bobotMatrix, $ideal,
$nIdeal);

```

```

$reverensi = reverensi($jarakIdeal,
$jarakNIdeal);
arsort($reverensi);
// Perhitungan Topsis
function Normalisasi($data)
{
    $normalisasi = [];
    foreach ($data as $i => $values) {
        $sum = 0;
        foreach ($values as $value) {
            $sum += $value * $value;
        }
        $sum = sqrt($sum);
        foreach ($values as $index => $value)
        {
            $normalisasi[$i][$index] = $value /
$sum;
        }
    }
    return $normalisasi;
}

function
bobotNormalisasi($normalisasiMatrix,
$bobot)
{
    $bobotMatrix = [];
    foreach ($normalisasiMatrix as $i =>
$values) {
        foreach ($values as $index => $value)
        {

```

```

        $bobotMatrix[$i][$index] = $value
    * $bobot[$i];
    }
    }
    return $bobotMatrix;
}

function solusiIdeal($bobotMatrix)
{
    $ideal = [];
    $nIdeal = [];

    foreach ($bobotMatrix as $i => $values)
    {
        $ideal[$i] = $i == 'C2' || $i == "C3" ?
min($values) : max($values);
        $nIdeal[$i] = $i == 'C2' || $i == "C3"
? max($values) : min($values);
    }
    return [$ideal, $nIdeal];
}

function penentuanJarak($bobotMatrix,
$ideal, $nIdeal)
{
    $jarakIdeal = [];
    $jarakNIdeal = [];

    foreach ($bobotMatrix as $i => $values)
    {
        foreach ($values as $index => $value)
        {
            if (!isset($jarakIdeal[$index])) {
                $jarakIdeal[$index] = 0;
                $jarakNIdeal[$index] = 0;
            }
            $jarakIdeal[$index] += pow($value
- $ideal[$i], 2);
            $jarakNIdeal[$index] +=
pow($nIdeal[$i] - $value, 2);
        }
    }

    foreach ($jarakIdeal as $index =>
$value) {
        $jarakIdeal[$index] = sqrt($value);
        $jarakNIdeal[$index] =
sqrt($jarakNIdeal[$index]);
    }
    return [$jarakIdeal, $jarakNIdeal];
}

```

```

    }

function reverensi($jarakIdeal,
$jarakNIdeal)
{
    $sterdekatekat = [];
    for ($i = 0; $i < sizeof($jarakIdeal);
$i++) {
        $sterdekatekat[$i] = $jarakNIdeal[$i] /
($jarakNIdeal[$i] + $jarakIdeal[$i]);
    }
    return $sterdekatekat;
}

// Akhir Perhitungan Topsis

function setDefault()
{
    global $kon;
    $i = 1;
    $data = $kon->query("SELECT *
FROM btn1");
    while ($i < ($data->num_rows + 1)) {
        $kon->query("UPDATE btn1 SET
C1=0, C2=0, C3=0, C4=0, tp=0 WHERE
id='$i'");
        $i++;
    }
}

function setCluster()
{
    global $kon;
    $data = $kon->query("SELECT *
FROM btn1");
    if ($data->num_rows > 0) {
        while ($row = $data->fetch_assoc())
        {
            $bobotAir = bobotAir($row["air"]);
            $tipe = $row["tipe"];
            $harga = $row["harga"];
            $jarak = $row["jarak"];
            $id = $row["id"];
            $kon->query("UPDATE btn1 SET
C1='$tipe', C2='$harga', C3='$jarak',
C4='$bobotAir' WHERE id='$id'");
        }
    }
}

```

```

function bobotAir($air)
{
    if ($air == "PDAM") {
        return 0.6;
    } else {
        return 0.4;
    }
}

function setArray()
{
    global $kon;
    $data = $kon->query("SELECT *
FROM btn1");
    $array = [];
    $i = 0;

```

```

        if ($data->num_rows > 0) {
            while ($row = $data->fetch_assoc())
            {
                $array[$i]["nama_perumahan"] =
$row["nama_perumahan"];
                $array[$i]["kode"] = "A" . $i + 1;
                $array[$i]["C1"] = $row["C1"];
                $array[$i]["C2"] = $row["C2"];
                $array[$i]["C3"] = $row["C3"];
                $array[$i]["C4"] = $row["C4"];
                $i++;
            }
        }
    }
    return $array;
}

```

