

LAMPIRAN

1. Lampiran Kode Program

a. Source Code Javascript Mesin Inferensi

```
$(document).ready(function () {  
  $('#tblya').on('click', function () {  
    $('#container_gejala').load('ajax/mesin1.php');  
  })  
})
```

```
$(document).ready(function () {  
  $('#tbltidak').on('click', function () {  
    $('#container_gejala').load('ajax/mesin2.php');  
  })  
})
```

b. Source Code Mesin 1 (Tombol Ya)

```
<?php  
session_start();  
include '../connection.php';  
  
$sql = "SELECT * from tbl_gejala WHERE nama_gejala =  
" . $_SESSION["gejala"] . "" ;  
$data = mysqli_query($connect,$sql);  
$row = mysqli_fetch_assoc($data);  
$kode_gejala_awal = $row['kode_gejala'];  
  
if (isset($_SESSION["aturan"]) && isset($_SESSION["colony"])) {  
  if (isset($_SESSION["sequence"])) {  
    $sql = "SELECT * from tbl_aturan WHERE aturan =  
" . $_SESSION["aturan"] . "" AND colony = " . $_SESSION["colony"] . "" AND  
sequence = " . $_SESSION["sequence"] . "" ;  
    $data = mysqli_query($connect,$sql);  
    $row = mysqli_fetch_assoc($data);  
  
    if ($row != NULL) {  
      $varian = $row['kode_varian'];  
      $sql = "SELECT * from tbl_varian WHERE kode_varian = '$varian'";  
      $data = mysqli_query($connect,$sql);  
      $row = mysqli_fetch_assoc($data);  
      $nama_varian = $row['nama_varian'];  
      $_SESSION["hasil_analisis"] = $nama_varian;  
      $_SESSION["kesimpulan"] = "ditemukan";  
      echo '<script  
type="text/javascript">window.location.replace("ajax/hasil.php");</script>'  
      ;  
    } else {  
      $jumlah_gejala = explode("&", $_SESSION["aturan"]);
```

```

$hitung_jumlah_gejala = count($jumlah_gejala) + 1;

$sql = "SELECT SUBSTRING_INDEX(aturan, '&',
'$hitung_jumlah_gejala') AS kodeGejalaLanjutan from tbl_aturan
WHERE aturan LIKE "'. $_SESSION["aturan"]."% AND colony =
"'. $_SESSION["colony"]."' AND sequence =
"'. $_SESSION["sequence"].'";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$aturan_raw = $row["kodeGejalaLanjutan"];

$jumlah_huruf = strlen($_SESSION["aturan"]) + 1;
$kode_gejala_lanjutan = substr($aturan_raw, $jumlah_huruf);

$sql = "SELECT * from tbl_gejala WHERE kode_gejala =
'$kode_gejala_lanjutan'";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
if ($row["gambar_gejala"] != NULL) {
    $gambarGejala = $row["gambar_gejala"];
} else {
    $gambarGejala = "dr cat.png";
}
$nama_gejala_lanjutan = strtolower($row["nama_gejala"]);
$_SESSION["gejalaSekarang"] = $row["kode_gejala"];
$_SESSION["nama_gejala_lanjutan"] = $nama_gejala_lanjutan;

$container_gejala = $_SESSION["aturan"] . "& " .
$kode_gejala_lanjutan;
$_SESSION["aturan"] = $container_gejala;

echo ' <div class="row">
    <div class="col-lg-4 col-md-6">
    <div class="text-center">
    <div class="mb-4">
    
    </div>
    </div>
    </div>
    <div class="col-lg-4 col-md-6">
    <div class="text-center">
    <div class="mb-4">
    <h5 class="card-title">Apakah saat ini anda merasa / mengalami ' .
$nama_gejala_lanjutan . '?</h5>
    </div>
    </div>
    </div>
    </div>';
}
}
else {
    $sql = "SELECT * from tbl_aturan WHERE aturan =
"'. $_SESSION["aturan"]."' AND colony = "'. $_SESSION["colony"]."'
ORDER BY sequence ASC";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);

```

```

if ($row != NULL) {
    $varian = $row['kode_varian'];
    $sql = "SELECT * from tbl_varian WHERE kode_varian = '$varian'";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    $nama_varian = $row['nama_varian'];
    $_SESSION["hasil_analisis"] = $nama_varian;
    $_SESSION["kesimpulan"] = "ditemukan";
    echo '<script
type="text/javascript">window.location.replace("ajax/hasil.php");</script>'
;
} else {
    $jumlah_gejala = explode("&", $_SESSION["aturan"]);
    $hitung_jumlah_gejala = count($jumlah_gejala) + 1;

    $sql = "SELECT * from tbl_aturan WHERE aturan LIKE
'".$_SESSION["aturan"]."%' AND colony = '".$_SESSION["colony"]."'
ORDER BY sequence ASC";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    $sequence = $row['sequence'];

    $sql = "SELECT SUBSTRING_INDEX(aturan, '&',
'$hitung_jumlah_gejala') AS kodeGejalaLanjutan from tbl_aturan
WHERE aturan LIKE '".$_SESSION["aturan"]."%' AND colony =
'".$_SESSION["colony"]."' ORDER BY sequence ASC";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    $aturan_raw = $row['kodeGejalaLanjutan'];

    $jumlah_huruf = strlen($_SESSION["aturan"]) + 1;
    $kode_gejala_lanjutan = substr($aturan_raw, $jumlah_huruf);

    $sql = "SELECT * from tbl_gejala WHERE kode_gejala =
'$kode_gejala_lanjutan'";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row['gambar_gejala'] != NULL) {
        $gambarGejala = $row['gambar_gejala'];
    } else {
        $gambarGejala = "dr cat.png";
    }
    $_SESSION["gejalaSekarang"] = $row['kode_gejala'];
    $nama_gejala_lanjutan = strtolower($row['nama_gejala']);
    $_SESSION["nama_gejala_lanjutan"] = $nama_gejala_lanjutan;

    $container_gejala = $_SESSION["aturan"] . "&".
$kode_gejala_lanjutan;
    $_SESSION["aturan"] = $container_gejala;

    $_SESSION["sequence"] = $sequence;

    echo ' <div class="row">
        <div class="col-lg-4 col-md-6">
        <div class="text-center">
        <div class="mb-4">
            

```

```

</div>
</div>
</div>
<div class="col-lg-4 col-md-6">
<div class="text-center">
<div class="mb-4">
<h5 class="card-title">Apakah saat ini anda merasa / mengalami ' .
$nama_gejala_lanjutan . '?</h5>
</div>
</div>
</div>
</div>
}
}
}
else {
$_SESSION["aturan"] = $kode_gejala_awal;

$sql = "SELECT * from tbl_aturan WHERE aturan LIKE
'$kode_gejala_awal%' ORDER BY colony ASC, sequence ASC LIMIT
0,1";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$colony = $row['colony'];
$sequence = $row['sequence'];

$sql = "SELECT SUBSTRING_INDEX(aturan, '&', 2) AS
kodeGejalaLanjutan from tbl_aturan WHERE aturan LIKE
'$kode_gejala_awal%' ORDER BY colony ASC, sequence ASC";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$aturan_raw = $row['kodeGejalaLanjutan'];
$jumlah_huruf = strlen($_SESSION["aturan"]) + 1;
$kode_gejala_lanjutan = substr($aturan_raw, $jumlah_huruf);

$sql = "SELECT * from tbl_gejala WHERE kode_gejala =
'$kode_gejala_lanjutan'";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$gejala_lanjutan = strtolower($row['nama_gejala']);
$_SESSION["gejalaSekarang"] = $row['kode_gejala'];
if ($row['gambar_gejala'] != NULL) {
    $gambarGejala = $row['gambar_gejala'];
} else {
    $gambarGejala = "dr cat.png";
}

$container_gejala = $_SESSION["aturan"] . "& " .
$kode_gejala_lanjutan;
$_SESSION["aturan"] = $container_gejala;
$_SESSION["colony"] = $colony;
$_SESSION["sequence"] = $sequence;

echo ' <div class="row">
<div class="col-lg-4 col-md-6">
<div class="text-center">

```

```

        <div class="mb-4">
            
        </div>
    </div>
</div>
<div class="col-lg-4 col-md-6">
    <div class="text-center">
        <div class="mb-4">
            <h5 class="card-title">Apakah saat ini anda merasa / mengalami ' .
$gejala_lanjutan . '?</h5>
        </div>
    </div>
</div>
</div>';
}
?>

```

c. Source Code Mesin 2 (Tombol Tidak)

```

<?php
session_start();
include './connection.php';
if (isset($_SESSION["colony"])) {
    if (isset($_SESSION["sequence"])) {
        $jumlah_gejala = explode("&", $_SESSION["aturan"]);
        $hitung_jumlah_gejala = count($jumlah_gejala) - 1;
        $gejalaTerakhirTertolak = end($jumlah_gejala);

        if (!isset($_SESSION["arraygejala"])) {
            $arrayGejalaTolakan = $gejalaTerakhirTertolak;
            $_SESSION["arraygejala"] = $arrayGejalaTolakan;
        } else {
            $_SESSION["arraygejala"] = $_SESSION["arraygejala"] . "|" .
$gejalaTerakhirTertolak;
        }

        $sql = "SELECT SUBSTRING_INDEX(aturan, '&',
'$hitung_jumlah_gejala') AS kodeGejalaLanjutan from tbl_aturan
WHERE aturan LIKE "' . $_SESSION["aturan"] . "%' AND colony =
"' . $_SESSION["colony"] . "' AND sequence =
"' . $_SESSION["sequence"] . "'";
        $data = mysqli_query($connect,$sql);
        $row = mysqli_fetch_assoc($data);
        $checkpoint_session_aturan = $row["kodeGejalaLanjutan"];
        $_SESSION["aturan"] = $checkpoint_session_aturan;

        $sql = "SELECT * from tbl_aturan WHERE aturan LIKE
"' . $_SESSION["aturan"] . "%' AND aturan NOT RLIKE
"' . $_SESSION["arraygejala"] . "' AND colony = "' . $_SESSION["colony"] . "'";
        $data = mysqli_query($connect,$sql);
        $row = mysqli_fetch_assoc($data);

        if ($row != NULL) {
            $_SESSION["sequence"] = $row["sequence"];
            $jumlah_gejala = explode("&", $_SESSION["aturan"]);

```

```

$hitung_jumlah_gejala = count($jumlah_gejala) + 1;

$sql = "SELECT SUBSTRING_INDEX(aturan, '&',
'$hitung_jumlah_gejala') AS kodeGejalaLanjutanRaw from tbl_aturan
WHERE aturan LIKE "._SESSION["aturan"]."% AND aturan NOT
RLIKE "._SESSION["arraygejala"]." AND colony =
"._SESSION["colony"]."";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$kodeGejalaLanjutanRaw = $row["kodeGejalaLanjutanRaw"];
$aturanSekarang = explode("&", $row["kodeGejalaLanjutanRaw"]);
$kode_gejala_lanjutan = end($aturanSekarang);

$sql = "SELECT * from tbl_gejala WHERE kode_gejala =
'$kode_gejala_lanjutan'";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
if ($row["gambar_gejala"] != NULL) {
    $gambarGejala = $row["gambar_gejala"];
} else {
    $gambarGejala = "dr cat.png";
}
$nama_gejala_lanjutan = strtolower($row["nama_gejala"]);

$_SESSION["aturan"] = $kodeGejalaLanjutanRaw;

echo ' <div class="row">
    <div class="col-lg-4 col-md-6">
    <div class="text-center">
    <div class="mb-4">
    
    </div>
    </div>
    </div>
    <div class="col-lg-4 col-md-6">
    <div class="text-center">
    <div class="mb-4">
    <h5 class="card-title">Apakah saat ini anda merasa / mengalami ' .
$nama_gejala_lanjutan . "?</h5>
    </div>
    </div>
    </div>
    </div>';

} else {
    $_SESSION["kesimpulan"] = "tidak ditemukan";
    echo '<script
type="text/javascript">window.location.replace("ajax/hasil.php");</script>'
;
}

} else {
    $_SESSION["colony"]++;
    $sql = "SELECT * from tbl_aturan WHERE aturan NOT LIKE
"._SESSION["aturan"]."% AND colony = "._SESSION["colony"]."
ORDER BY sequence ASC";
    $data = mysqli_query($connect,$sql);

```

```

$row = mysqli_fetch_assoc($data);

if ($row != NULL) {
    $sql = "SELECT SUBSTRING_INDEX(aturan, '&', '1') AS
kodeGejalaLanjutan from tbl_aturan WHERE aturan NOT LIKE
"'.$_SESSION["aturan"]."% ' AND colony = "'.$_SESSION["colony"]."'
ORDER BY sequence ASC";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    $kode_gejala_lanjutan = $row['kodeGejalaLanjutan'];

    $sql = "SELECT * from tbl_gejala WHERE kode_gejala =
'$kode_gejala_lanjutan'";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row['gambar_gejala'] != NULL) {
        $gambarGejala = $row['gambar_gejala'];
    } else {
        $gambarGejala = "dr cat.png";
    }
    $nama_gejala_lanjutan = strtolower($row['nama_gejala']);
    $_SESSION["aturan"] = $kode_gejala_lanjutan;
    echo ' <div class="row">
        <div class="col-lg-4 col-md-6">
        <div class="text-center">
        <div class="mb-4">
        
        </div>
        </div>
        </div>
        <div class="col-lg-4 col-md-6">
        <div class="text-center">
        <div class="mb-4">
        <h5 class="card-title">Apakah saat ini anda merasa / mengalami ' .
$nama_gejala_lanjutan . '?</h5>
        </div>
        </div>
        </div>
        </div>';
    } else {
        $_SESSION["kesimpulan"] = "tidak ditemukan";
        echo '<script
type="text/javascript">window.location.replace("ajax/hasil.php");</script>'
;
    }
}

} else {
    $sql = "SELECT * from tbl_gejala WHERE nama_gejala =
"'.$_SESSION["gejala"]."'";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row['gambar_gejala'] != NULL) {
        $gambarGejala = $row['gambar_gejala'];
    } else {

```

```

        $gambarGejala = "dr cat.png";
    }
    $kode_gejala_awal = $row['kode_gejala'];

    $_SESSION["aturan"] = $kode_gejala_awal;

    $sql = "SELECT * from tbl_aturan WHERE aturan NOT LIKE
    " . $_SESSION["aturan"] . "%' ORDER BY colony ASC, sequence ASC";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row != NULL) {
        $colony = $row['colony'];

        $sql = "SELECT SUBSTRING_INDEX(aturan, '&', '1') AS
        kodeGejalaLanjutan from tbl_aturan WHERE aturan NOT LIKE
        " . $_SESSION["aturan"] . "%' ORDER BY colony ASC, sequence ASC";
        $data = mysqli_query($connect,$sql);
        $row = mysqli_fetch_assoc($data);
        $kode_gejala_lanjutan = $row["kodeGejalaLanjutan"];

        $sql = "SELECT * from tbl_gejala WHERE kode_gejala =
        '$kode_gejala_lanjutan'";
        $data = mysqli_query($connect,$sql);
        $row = mysqli_fetch_assoc($data);
        if ($row['gambar_gejala'] != NULL) {
            $gambarGejala = $row['gambar_gejala'];
        } else {
            $gambarGejala = "dr cat.png";
        }
        $nama_gejala_lanjutan = strtolower($row['nama_gejala']);
        $_SESSION["nama_gejala_lanjutan"] = $nama_gejala_lanjutan;
        $_SESSION["aturan"] = $kode_gejala_lanjutan;
        $_SESSION["colony"] = $colony;

        echo ' <div class="row">
            <div class="col-lg-4 col-md-6">
                <div class="text-center">
                    <div class="mb-4">
                        
                    </div>
                </div>
            </div>
            <div class="col-lg-4 col-md-6">
                <div class="text-center">
                    <div class="mb-4">
                        <h5 class="card-title">Apakah saat ini anda merasa / mengalami '
                        $nama_gejala_lanjutan . '?</h5>
                    </div>
                </div>
            </div>
        </div>';

    } else {
        $_SESSION["kesimpulan"] = "tidak ditemukan";
        echo '<script
        type="text/javascript">window.location.replace("ajax/hasil.php");</script>'
        ;
    }
}

```



```
}
?>
```

d. Source Code Menambah Aturan

```
if(isset($_POST['submit'])) {
  if (!empty($_POST["gejala"])) {
    $kode_varian = $_POST['kd_varian'];
    $nama_varian = ucwords($_POST['nama_varian']);
    $pakar = $_SESSION["username"];
    $jmlgjl = count($_POST["gejala"]);
    if ($jmlgjl == 1) {
      $gabung1 = implode("", $_POST["gejala"]);
    } else {
      $gabung1 = implode("&", $_POST["gejala"]);
    }

    $sql = "SELECT * from tbl_varian WHERE nama_varian = '$nama_varian'";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row != NULL) {
      $_SESSION["tambahAturan"] = "failed(name)";
      header("location:create.php");
    } else {
      $sql = "SELECT * from tbl_aturan WHERE aturan = '$gabung1'";
      $data = mysqli_query($connect,$sql);
      $row = mysqli_fetch_assoc($data);
      if ($row != NULL) {
        $_SESSION["tambahAturan"] = "failed(rules)";
        header("location:create.php");
      } else {
        $kdgjl = substr($gabung1, 0, 5);
        $sql = "SELECT * from tbl_aturan WHERE aturan LIKE ".$kdgjl."%";
        $data = mysqli_query($connect,$sql);
        $row = mysqli_fetch_assoc($data);
        if ($row != NULL) {
          $colony = $row["colony"];

          $sql = "INSERT INTO tbl_varian(kode_varian, nama_varian,
            created_by, updated_by) VALUES('$kode_varian','$nama_varian',
            '$pakar', '$pakar');
            INSERT INTO tbl_aturan(aturan, kode_varian, colony, sequence,
            created_by, updated_by) VALUES('$gabung1','$kode_varian', '$colony',
            0, '$pakar', '$pakar');
            SET @tempVariable = 0;
            UPDATE tbl_aturan SET sequence =
            (@tempVariable:=@tempVariable+1) WHERE colony = '$colony'
            ORDER BY LENGTH(aturan) DESC;";
          $connect->multi_query($sql);
          $_SESSION["tambahAturan"] = "success";
          header("location:create.php");
        } else {
          $sql = "SELECT colony from tbl_aturan ORDER BY colony DESC";
```

```

$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$colony = $row["colony"]+1;

$sql = "INSERT INTO tbl_varian(kode_varian, nama_varian,
created_by, updated_by) VALUES('$kode_varian','$nama_varian',
'$pakar', '$pakar');
INSERT INTO tbl_aturan(aturan, kode_varian, colony, sequence,
created_by, updated_by) VALUES('$gabung1','$kode_varian', '$colony',
1, '$pakar', '$pakar');";
$connect->multi_query($sql);
$_SESSION["tambahAturan"] = "success";
header("location:create.php");
}
}
} else {
$_SESSION["tambahAturan"] = "failed(emptysymptoms)";
header("location:create.php");
}
}
}

```

e. Source Code Menambah Gejala Aturan

```

$хid_rules = $_POST["id_rules"];
if (!empty($_POST["gejala"])) {
$хkode_gejala = $_POST["gejala"];
$хarrayGejala = $_POST["arrayGejala"];
$хarrayGejala = str_replace("|", "&", $arrayGejala);
$хpakar = $_SESSION["username"];
$хjmlgjl = count($_POST["gejala"]);
if ($jmlgjl == 1) {
$хgabung1 = implode("", $_POST["gejala"]);
} else {
$хgabung1 = implode("&", $_POST["gejala"]);
}
$хarrayGejala = $gabung1."&".$arrayGejala;
$хarrayGejala = explode("&", $arrayGejala);
asort($arrayGejala);
$хarrayGejala = implode("&", $arrayGejala);

$sql = "SELECT * from tbl_aturan WHERE aturan = '$arrayGejala'";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
if ($row != NULL) {
$_SESSION["editAturan"] = "failed(rules)";

header("location:update_tambah_gejala_varian.php?id_rules=$id_rules")
;
} else {
$sql = "SELECT * from tbl_aturan WHERE id_rules='$id_rules'";
$data = mysqli_query($connect, $sql);
$row = mysqli_fetch_assoc($data);
$хcolonyLama = $row["colony"];

```

```

$kdjil = substr($arrayGejala, 0, 5);
$sql = "SELECT * from tbl_aturan WHERE aturan LIKE
".$kdjil."%";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
if ($row != NULL) {
    $colonyBaru = $row["colony"];
} else {
    $sql = "SELECT colony from tbl_aturan ORDER BY colony DESC";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    $colonyBaru = $row["colony"]+1;
}

if ($colonyLama == $colonyBaru) {
    $sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
updated_by='$pakar' WHERE id_rules='$id_rules';
    SET @tempVariable = 0;
    UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
ORDER BY LENGTH(aturan) DESC;";
    $connect->multi_query($sql);
    $_SESSION["editAturan"] = "success";
    header("location:update.php?id_rules=$id_rules");
} else {
    $kdjil = substr($arrayGejala, 0, 5);
    $sql = "SELECT * from tbl_aturan WHERE aturan LIKE
".$kdjil."%";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row != NULL) {
        $colony = $row["colony"];

        $sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
colony='$colony', updated_by='$pakar' WHERE id_rules='$id_rules';
        SET @tempVariable = 0;
        UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colony'
ORDER BY LENGTH(aturan) DESC;
        SET @tempVariable = 0;
        UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
ORDER BY LENGTH(aturan) DESC;";
        $connect->multi_query($sql);
        $_SESSION["editAturan"] = "success";
        header("location:update.php?id_rules=$id_rules");
    } else {
        $sql = "SELECT colony from tbl_aturan ORDER BY colony
DESC";
        $data = mysqli_query($connect,$sql);
        $row = mysqli_fetch_assoc($data);
        $colony = $row["colony"]+1;

        $sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
colony='$colony', updated_by='$pakar' WHERE id_rules='$id_rules';
        SET @tempVariable = 0;

```

```

        UPDATE tbl_aturan SET sequence =
        (@tempVariable:=@tempVariable+1) WHERE colony = '$colony'
        ORDER BY LENGTH(aturan) DESC;
        SET @tempVariable = 0;
        UPDATE tbl_aturan SET sequence =
        (@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
        ORDER BY LENGTH(aturan) DESC;";
        $connect->multi_query($sql);
        $_SESSION["editAturan"] = "success";
        header("location:update.php?id_rules=$id_rules");
    }
}
}
} else {
    $_SESSION["editAturan"] = "failed(emptysymptoms)";

header("location:update_tambah_gejala_varian.php?id_rules=$id_rules")
;
}

```

f. Source Code Mengganti Gejala Aturan

```

$kode_gejala = $_POST['gejala'];
$pakar = $_SESSION["username"];
$id_rules = $_POST["id_rules"];
$id_gejala = $_POST["id_gejala"];

$sql = "SELECT * from tbl_gejala WHERE id_gejala = '$id_gejala'";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$kode_gejala_lama = $row["kode_gejala"];

$arrayGejala = str_replace($kode_gejala_lama, $kode_gejala,
$_POST["arrayGejala"]);
$arrayGejala = explode("|", $arrayGejala);
asort($arrayGejala);
$arrayGejala = implode("&", $arrayGejala);

$sql = "SELECT * from tbl_aturan WHERE aturan = '$arrayGejala'";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
if ($row != NULL) {
    $_SESSION["editAturan"] = "failed(rules)";
    header("location:update.php?id_rules=$id_rules");
} else {
    $sql = "SELECT * from tbl_aturan WHERE id_rules='$id_rules'";
    $data = mysqli_query($connect, $sql);
    $row = mysqli_fetch_assoc($data);
    $colonyLama = $row["colony"];

    $kdgjl = substr($arrayGejala, 0, 5);
    $sql = "SELECT * from tbl_aturan WHERE aturan LIKE ".$kdgjl."%";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row != NULL) {
        $colonyBaru = $row["colony"];
    }
}

```

```

} else {
    $sql = "SELECT colony from tbl_aturan ORDER BY colony DESC";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    $colonyBaru = $row["colony"]+1;
}

if ($colonyLama == $colonyBaru) {
    $sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
updated_by='$pakar' WHERE id_rules='$id_rules';
    SET @tempVariable = 0;
    UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
ORDER BY LENGTH(aturan) DESC;";
    $connect->multi_query($sql);
    $_SESSION["editAturan"] = "success";
    header("location:update.php?id_rules=$id_rules");
} else {
    $kdjil = substr($arrayGejala, 0, 5);
    $sql = "SELECT * from tbl_aturan WHERE aturan LIKE
'".$kdjil."%";
    $data = mysqli_query($connect,$sql);
    $row = mysqli_fetch_assoc($data);
    if ($row != NULL) {
        $colony = $row["colony"];

        $sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
colony='$colony', updated_by='$pakar' WHERE id_rules='$id_rules';
        SET @tempVariable = 0;
        UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colony'
ORDER BY LENGTH(aturan) DESC;
        SET @tempVariable = 0;
        UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
ORDER BY LENGTH(aturan) DESC;";
        $connect->multi_query($sql);
        $_SESSION["editAturan"] = "success";
        header("location:update.php?id_rules=$id_rules");
    } else {
        $sql = "SELECT colony from tbl_aturan ORDER BY colony DESC";
        $data = mysqli_query($connect,$sql);
        $row = mysqli_fetch_assoc($data);
        $colony = $row["colony"]+1;

        $sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
colony='$colony', updated_by='$pakar' WHERE id_rules='$id_rules';
        SET @tempVariable = 0;
        UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colony'
ORDER BY LENGTH(aturan) DESC;
        SET @tempVariable = 0;
        UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
ORDER BY LENGTH(aturan) DESC;";
        $connect->multi_query($sql);
        $_SESSION["editAturan"] = "success";
        header("location:update.php?id_rules=$id_rules");
    }
}

```

```

    }
  }
}

```

g. Source Code Menghapus Gejala Aturan

```

$tid_rules = $_POST["id_rules"];
$arrayGejala = $_POST["arrayGejala"];
$arrayGejala = explode("&", $arrayGejala);
$pakar = $_SESSION["username"];
$kode_gejala = $_POST["kode_gejala"];
if (($gejaladiHapus = array_search($kode_gejala, $arrayGejala)) !==
false) {
    unset($arrayGejala[$gejaladiHapus]);
}
$arrayGejala = implode("&", $arrayGejala);
$minimalGejala = substr_count($arrayGejala, "G");
if ($minimalGejala == 0) {
    $_SESSION["editAturan"] = "failed(emptyrules)";
    header("location:update.php?id_rules=$tid_rules");
} else {
    $sql = "SELECT * from tbl_aturan WHERE aturan = '$arrayGejala'";
    $data = mysqli_query($connect, $sql);
    $row = mysqli_fetch_assoc($data);
    if ($row != NULL) {
        $_SESSION["editAturan"] = "failed(deletedrules)";
        header("location:update.php?id_rules=$tid_rules");
    } else {
        $sql = "SELECT * from tbl_aturan WHERE id_rules='$tid_rules'";
        $data = mysqli_query($connect, $sql);
        $row = mysqli_fetch_assoc($data);
        $colonyLama = $row["colony"];

        $kdjil = substr($arrayGejala, 0, 5);
        $sql = "SELECT * from tbl_aturan WHERE aturan LIKE
        '$kdjil.%'";
        $data = mysqli_query($connect, $sql);
        $row = mysqli_fetch_assoc($data);
        if ($row != NULL) {
            $colonyBaru = $row["colony"];
        } else {
            $sql = "SELECT colony from tbl_aturan ORDER BY colony DESC";
            $data = mysqli_query($connect, $sql);
            $row = mysqli_fetch_assoc($data);
            $colonyBaru = $row["colony"]+1;
        }

        if ($colonyLama == $colonyBaru) {
            $sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
            updated_by='$pakar' WHERE id_rules='$tid_rules';
            SET @tempVariable = 0;
            UPDATE tbl_aturan SET sequence =
            (@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
            ORDER BY LENGTH(aturan) DESC;";
            $connect->multi_query($sql);
        }
    }
}

```

```

$_SESSION["editAturan"] = "success";
header("location:update.php?id_rules=$id_rules");
} else {
$kdjil = substr($arrayGejala, 0, 5);
$sql = "SELECT * from tbl_aturan WHERE aturan LIKE
'".$kdjil."%";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
if ($row != NULL) {
$colony = $row["colony"];

$sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
colony='$colony', updated_by='$pakar' WHERE id_rules='$id_rules';
SET @tempVariable = 0;
UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colony'
ORDER BY LENGTH(aturan) DESC;
SET @tempVariable = 0;
UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
ORDER BY LENGTH(aturan) DESC;";
$connect->multi_query($sql);
$_SESSION["editAturan"] = "success";
header("location:update.php?id_rules=$id_rules");
} else {
$sql = "SELECT colony from tbl_aturan ORDER BY colony
DESC";
$data = mysqli_query($connect,$sql);
$row = mysqli_fetch_assoc($data);
$colony = $row["colony"]+1;

$sql = "UPDATE tbl_aturan SET aturan='$arrayGejala',
colony='$colony', updated_by='$pakar' WHERE id_rules='$id_rules';
SET @tempVariable = 0;
UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colony'
ORDER BY LENGTH(aturan) DESC;
SET @tempVariable = 0;
UPDATE tbl_aturan SET sequence =
(@tempVariable:=@tempVariable+1) WHERE colony = '$colonyLama'
ORDER BY LENGTH(aturan) DESC;";
$connect->multi_query($sql);
$_SESSION["editAturan"] = "success";
header("location:update.php?id_rules=$id_rules");
}
}
}
}

```

2. Kuesioner

A. Daftar Pertanyaan

a. Performance Expectancy

1. PE1. Menurut saya, menggunakan Sistem Pakar "Siska-Cov" berguna untuk diagnosis mandiri Covid-19.
2. PE2. Menurut saya, menggunakan Sistem Pakar "Siska-Cov" dapat menambah wawasan saya terkait varian Covid-19 berdasar gejala tiap variannya.
3. PE3. Menurut saya, fitur yang ada dalam Sistem Pakar "Siska-Cov" membantu saya ketika mengalami Covid-19.
4. PE4. Menurut saya, tampilan pada Sistem Pakar "Siska-Cov" cukup menarik.

b. Effort Expectancy

1. EE1. Menurut saya, Sistem Pakar "Siska-Cov" mudah untuk dipahami.
2. EE2. Menurut saya, Sistem Pakar "Siska-Cov" sangat mudah digunakan.
3. EE3. Menurut saya, menu diagnosa dalam Sistem Pakar "Siska-Cov" memudahkan saya untuk mendiagnosis secara mandiri Covid-19.
4. EE4. Menurut saya, mudah bagi saya untuk memahami varian Covid-19 berdasar gejala tiap

variannya dengan menggunakan Sistem Pakar "Siska-Cov".

c. Perceived Usefulness

1. PU1. Menurut saya, Sistem Pakar "Siska-Cov" sangat berguna karena dapat digunakan dimanapun selama memiliki perangkat yang dapat tersambung dengan internet serta jaringan internet yang memadai.

2. PU2. Menurut saya, Sistem Pakar "Siska-Cov" sangat berguna karena dapat digunakan kapanpun selama memiliki perangkat yang dapat tersambung dengan internet serta jaringan internet yang memadai.

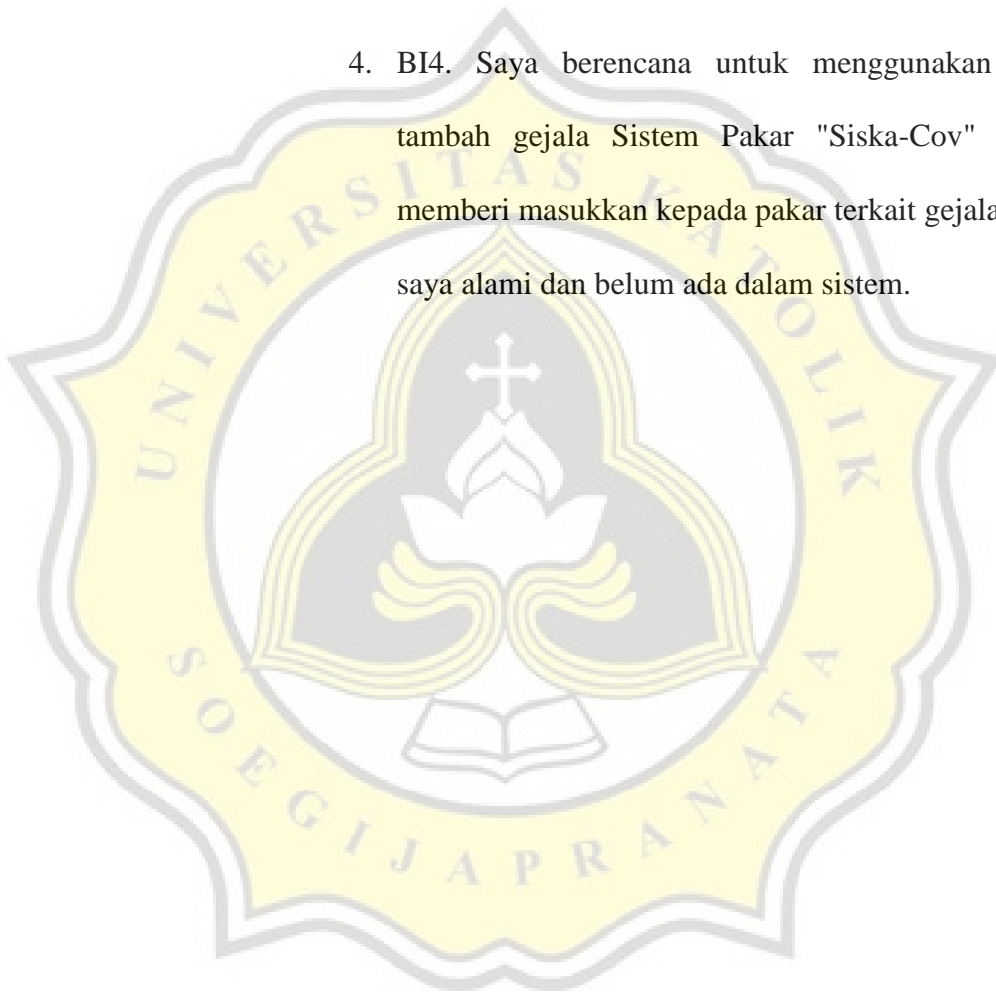
3. PU3. Menurut saya, Sistem Pakar "Siska-Cov" dapat menghemat waktu dalam mendiagnosis dini Covid-19 berdasar gejala tiap variannya.

4. PU4. Menurut saya, Sistem Pakar "Siska-Cov" sangat membantu karena dapat digunakan untuk mendiagnosis Covid-19 tanpa biaya.

d. Behavioral Intention

1. BI1. Menurut saya menggunakan Sistem Pakar "Siska-Cov" adalah ide yang bagus.

2. BI2. Saya berencana untuk terus menggunakan Sistem Pakar "Siska-Cov" untuk deteksi mandiri Covid-19 di masa depan.
3. BI3. Saya akan menyarankan orang lain untuk mencoba menggunakan Sistem Pakar "Siska-Cov" untuk deteksi mandiri Covid-19.
4. BI4. Saya berencana untuk menggunakan fitur tambah gejala Sistem Pakar "Siska-Cov" untuk memberi masukan kepada pakar terkait gejala yang saya alami dan belum ada dalam sistem.



Similarity Report

PAPER NAME

TA-18.N1.0007.docx

WORD COUNT

7948 Words

CHARACTER COUNT

48965 Characters

PAGE COUNT

21 Pages

FILE SIZE

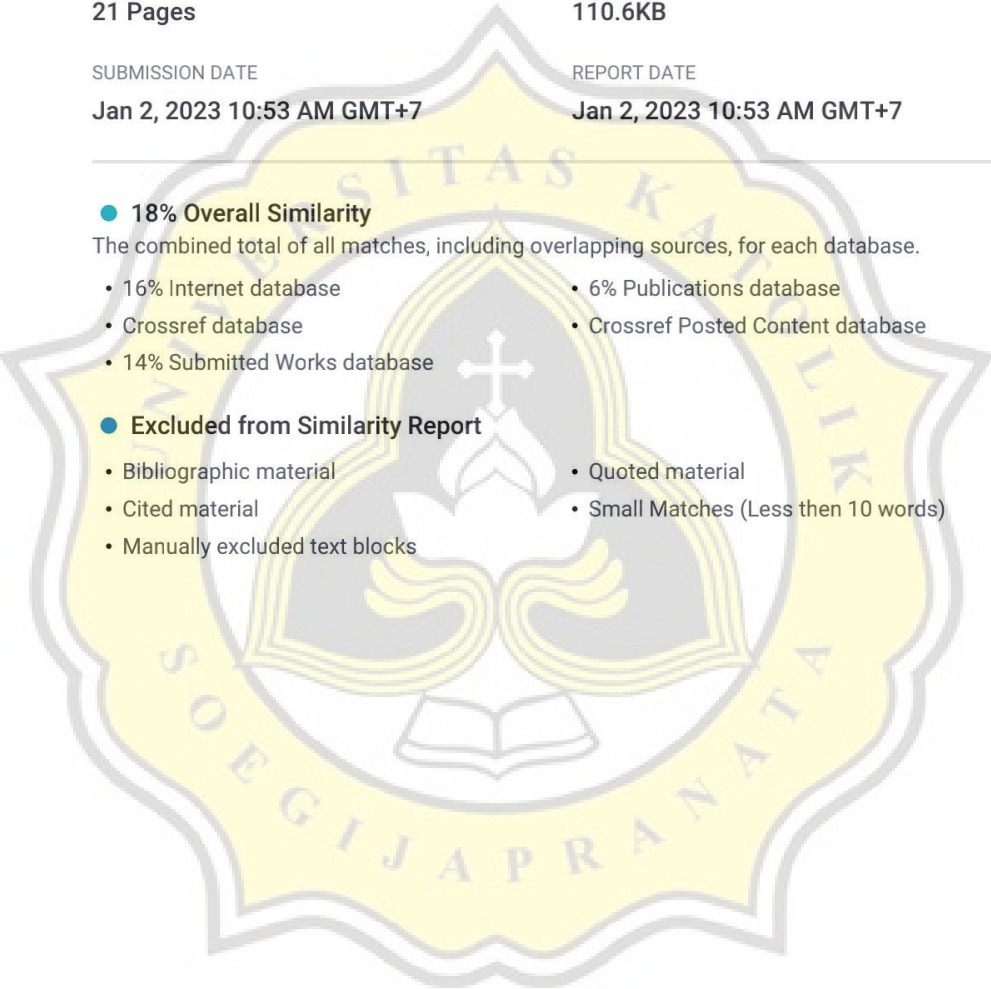
110.6KB

SUBMISSION DATE

Jan 2, 2023 10:53 AM GMT+7

REPORT DATE

Jan 2, 2023 10:53 AM GMT+7

● **18% Overall Similarity**

The combined total of all matches, including overlapping sources, for each database.

- 16% Internet database
- 6% Publications database
- Crossref database
- Crossref Posted Content database
- 14% Submitted Works database

● **Excluded from Similarity Report**

- Bibliographic material
- Quoted material
- Cited material
- Small Matches (Less than 10 words)
- Manually excluded text blocks

Summary