

LAMPIRAN

Lampiran 1. Surat Ijin Penelitian



26 Mei 2023

Nomor : 102/UN60.1.10./EP/2023
Lampiran : Satu Set
Perihal : Mohon Izin Penelitian

Yth.

Kepala Dinas Peternakan Kabupaten Timor Tengah Utara

Di-

Tempat

Bersama Surat ini kami menyampaikan bahwa salah satu syarat penyelesaian tugas akhir Mahasiswa Strata Satu (S1) di Fakultas Pertanian Unimor adalah Penelitian. Berkaitan dengan itu, kami mohon kiranya Bapak/Ibu dapat memberikan izin kepada Mahasiswa kami:

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Prodi : Teknologi Informasi

Untuk Melaksanakan Penelitian dengan Judul "Sistem Pakar Mendiagnosa Penyakit Babi dengan Menggunakan Metode Teorema Bayes Berbasis Web ." Waktu disesuaikan lapangan.

Demikian surat permohonan ini kami sampaikan. Atas perhatian dan kerja sama kami ucapkan terima kasih.

Mengetahui,
Ketua Program Studi Teknologi Informasi

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Tembusan:

1. Wakil Dekan 1 Fakultas Pertanian
2. Ketua Program Studi Teknologi Informasi Faperta Universitas Timor

Lampiran 2. Dokumentasi Pengambilan Data



Lampiran 3. Source Code

1. Diagnosa

```
1. <?php
2.     session_start();
3.     if (!$_SESSION['login']) {
4.         header('location: ../index.php');
5.         exit;
6.     }
7.     ?>
8.     <?php include 'layout/head.php'; ?>
9.     <?php
10.    require_once 'koneksi.php';
11.
12.    ?>
13.    <div class="content-wrapper">
14.        <div class="content"><!-- For Components documentaion -->
15.            <div class="card card-default border-0 bg-transparent">
16.                <div class="card-header align-items-center p-0">
17.                    <h2>Diagnosa</h2>
18.                </div>
19.            </div>
20.
21.            <!-- Products Inventory -->
22.            <div class="card card-default">
23.                <div class="card-header">
24.                    <h2>GEJALA YANG DIALAMI</h2>
25.                </div>
26.                <form class="s-text" action="proses_diagnosa.php" method="POST">
27.                    <div class="card-body">
28.                        <div class="mt-1 f-text" style="font-size: 1.2rem;">
29.                            <b></b>
30.                        </div>
31.                        <?php
32.                        $no = 1;
33.                        $select = mysqli_query($link, "SELECT * FROM user");
34.                        while ($data = mysqli_fetch_array($select)) {
35.                            ?>
36.                            <input type="hidden" name="id_user" value="<?php echo
37.                            $data['id_user']; ?>">
38.                        <?php
39.                        }
40.                        ?>
41.                        <?php
42.                        $no = 1;
```

```

42.         $select = mysqli_query($link, "SELECT * FROM gejala");
43.         while ($data = mysqli_fetch_array($select)) {
44.             ?>
45.             <input type="hidden" name="id_gejala" value="<?php echo
46.             $data['id_gejala']; ?>">
47.             <div class="row">
48.                 <div class="col-md-8 ">
49.
50.                 <?php echo $data['kodegejala']; ?> . <?php echo $data['namagejala']; ?>
51.
52.                 </div>
53.                 <div class="col-md-2">
54. <label class="switch switch-icon switch-primary switch-pill form-control-
55. labelmr-2">
56.     <input type="checkbox" class="switch-input form-check-input"
57. name="tambah[]" value="<?php echo $data['id_gejala'] ?>">
58.         <span class="switch-label"></span>
59.         <span class="switch-handle"></span>
60.     </label>
61.     </div>
62.     <br>
63.     <?php }
64.
65.     ?>
66.     <input type="submit" value="diagnosa" name="diagnosa" class="btn
67. btn-success btn-sm worksans gradient shadow-lg shadowtext w-text">
68.         </div>
69.     </form>
70. </div>
71. </div>
72. </div>
73.
74. <?php include 'layout/footer.php'; ?>

```

2. Proses Hasil Diagnosa

```
1. <?php
2. require_once 'teorema_bayes/koneksi.php';
3.
4. ?>
5. <!DOCTYPE html>
6. <html lang="en">
7.
8. <head>
9.   <meta charset="utf-8">
10.   <meta content="width=device-width, initial-scale=1.0"
    name="viewport">
11.
12.   <title>Teorema Bayes</title>
13.   <meta content="" name="description">
14.   <meta content="" name="keywords">
15.
16.   <!-- Google Fonts -->
17.   <link
    href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,
    600,600,
    |Roboto:300,300i,400,400i,500,500i,600,600i,|Poppins:300,300i,400,400i,500,
    500i,600,600i, " rel="stylesheet">
18.
19.   <!-- Vendor CSS Files -->
20.   <link href="assets/vendor/fontawesome-free/css/all.min.css"
    rel="stylesheet">
21.   <link href="assets/vendor/animate.css/animate.min.css"
    rel="stylesheet">
22.   <link href="assets/vendor/aos/aos.css" rel="stylesheet">
23.   <link href="assets/vendor/bootstrap/css/bootstrap.min.css"
    rel="stylesheet">
24.   <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
    rel="stylesheet">
25.   <link href="assets/vendor/boxicons/css/boxicons.min.css"
    rel="stylesheet">
26.   <link href="assets/vendor/glightbox/css/glightbox.min.css"
    rel="stylesheet">
27.   <link href="assets/vendor/swiper/swiper-bundle.min.css"
    rel="stylesheet">
28.
29.   <!-- Template Main CSS File -->
30.   <link href="assets/css/style.css" rel="stylesheet">
31.
```

```

32.      <!--=====
33.      * Template Name: Medicio - v4.8.2
34. * Template URL: https://bootstrapmade.com/medicio-free-bootstrap-theme/
35.      * Author: BootstrapMade.com
36.      * License: https://bootstrapmade.com/license/
37.      ===== -->
38. </head>
39.
40. <body>
41.
42.      <!-- ===== Top Bar ===== -->
43.      <div id="topbar" class="d-flex align-items-center fixed-top">
44. <div class="container d-flex align-items-center justify-content-md-between">
45.      <div class="align-items-center d-none d-md-flex">
46.
47.          </div>
48.          <div class="d-flex align-items-center">
49.              <i class="bi bi-phone"></i> Hubungi +62 822-3637-3380
50.          </div>
51.      </div>
52. </div>
53.
54.      <!-- ===== Header ===== -->
55.      <header id="header" class="fixed-top">
56.          <div class="container d-flex align-items-center">
57.
58.              <a href="index.php" class="logo me-auto"></a>
59.              <!-- Uncomment below if you prefer to use an image logo -->
60.              <!-- <h1 class="logo me-auto"><a
href="index.html">Medicio</a></h1 -->
61.
62.          <nav id="navbar" class="navbar order-last order-lg-0">
63.              <ul>
64.                  <li><a class="nav-link scrollto " href="index.php">Utama</a></li>
65.              </ul>
66.              <i class="bi bi-list mobile-nav-toggle"></i>
67.          </nav><!-- .navbar -->
68.
69.          <a href="teorema_bayes/login.php" class="appointment-btn
scrollto"><span class="d-none d-md-inline">Masuk</span> Admin</a>
70.
71.          </div>
72.      </header><!-- End Header -->
73.
74.      <main id="main">

```

```

75.         <br><br><br>
76.
77.         <!-- ===== Frequently Asked Question Section ===== -->
78.         <section id="faq" class="faq section-bg">
79.             <div class="container" data-aos="fade-up">
80.
81.                 <div class="section-title">
82.                     <h2>HASIL DIAGNOSA</h2>
83.                     <p>Berikut Merupakan Langkah - langkah atau Proses Diagnosa pada
Terak Babi</p>
84.                 </div>
85.             <div class="col-lg-6 content" data-aos="fade-right">
86.                 <h3>Gejala Yang Dialami</h3>
87.                 <?php
88.                     $sql1 = mysqli_query($link, "delete from nilai");
89.                     $stampil1 = mysqli_query($link, "SELECT gejala.id_gejala, gejala.nilai,
gejala_terpilih.id_user, gejala_terpilih.id_terpilih, gejala_terpilih.id_gejala,
relasi2.id_penyakit, relasi2.id_gejala FROM gejala, gejala_terpilih, relasi2
WHERE relasi2.id_gejala = gejala_terpilih.id_gejala AND
gejala_terpilih.id_gejala = gejala.id_gejala ");
90.
91.                     while ($data1 = mysqli_fetch_array($stampil1)) {
92.                         $id_user = $data1["id_user"];
93.                         $id_gejala = $data1["id_gejala"];
94.                         $id_terpilih = $data1["id_terpilih"];
95.
96.                         $kodepenyakit = $data1["id_penyakit"];
97.
98.                         $nilai = $data1["nilai"];
99.                         mysqli_query($link, "INSERT INTO nilai (id_user,
id_gejala,id_terpilih, kodepenyakit, nilai) VALUES ('$id_user', '$id_gejala',
'$id_terpilih', '$kodepenyakit', '$nilai')");
100.                    }
101.
102.                 ?>
103.
104.                 <?php
105.                     $no = 1;
106.                     $select = mysqli_query($link, "SELECT
gejala.id_gejala,gejala.namagejala, gejala.kodegejala, gejala.nilai,
gejala_terpilih.id_gejala FROM gejala,gejala_terpilih WHERE gejala.id_gejala
= gejala_terpilih.id_gejala");
107.                     while ($data = mysqli_fetch_array($select)) {
108.                         ?>
109.                         <ul>

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110. <li> <?php echo $data['kodegejala']; ?> = <?php echo
    $data['nama_gejala']; ?></li>
111.     </ul>
112.     <?php
113.     }
114.     ?>
115. </div><br>
116. <h3>Proses Diagnosa</h3><br>
117. <ul class="faq-list">
118.
119. <li>
120.     <div data-bs-toggle="collapse" class="collapsed question"
        href="#faq1">1. Mendefinisikan nilai probabilitas dari tiap evidence untuk tiap
        Hipotesis<i class="bi bi-chevron-down icon-show"></i><i class="bi bi-
        chevron-up icon-close"></i></div>
121.     <div id="faq1" class="collapse" data-bs-parent=".faq-list"><br>
122.         <div class="card">
123.             <div class="card-body">
124.                 <table class="table table-bordered">
125.                     <thead>
126.                         <tr>
127.                             <th scope="col">Kode Penyakit</th>
128.                             <th>Kode Gejala</th>
129.                             <th>Nilai Hipotesis</th>
130.
131.                         </tr>
132.                     </thead>
133.                     <tbody>
134.                         <?php
135.                             require_once 'teorema_bayes/koneksi.php';
136.                             $no = 1;
137.                             $select = mysqli_query($link, "SELECT gejala.id_gejala,gejala.nilai,gejala.
                                kodegejala,gejala_terpilih.id_user,gejala_terpilih.id_terpilih,gejala_terpilih.id_
                                gejala, relasi2.id_penyakit, relasi2.id_gejala,
                                penyakit.id_penyakit,penyakit.kodepenyakit FROM gejala, gejala_terpilih,
                                relasi2, penyakit WHERE relasi2.id_gejala = gejala_terpilih.id_gejala AND
                                gejala_terpilih.id_gejala = gejala.id_gejala AND relasi2.id_penyakit =
                                penyakit.id_penyakit");
138.                             while ($data = mysqli_fetch_array($select)) {
139.                                 ?>
140.                                 <tr>
141.
142.                                     <td><?php echo $data['kodepenyakit'] ?></td>
143.                                     <td><?php echo $data['kodegejala'] ?></td>
144.                                     <td><?php echo $data['nilai'] ?></td>
145.

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146.         </tr>
147.         <!-- Add Event Button -->
148.
149.         <?php
150.         }
151.         ?>
152.
153.                 </tbody>
154.         </table>
155.     </div>
156. </div>
157. </div>
158. </li>
159.
160.     <li>
161.     <div data-bs-toggle="collapse" href="#faq2" class="collapsed
question">2. Menjumlahkan nilai probabilitas dari tiap evidence untuk masing-
masing hipotesis pada data sampel <i class="bi bi-chevron-down icon-
show"></i><i class="bi bi-chevron-up icon-close"></i></div>
162.         <div id="faq2" class="collapse" data-bs-parent=".faq-list">
163.             <br>
164.             <div class="card">
165.                 <div class="card-body">
166.                 <label for=""><b> rumus :  $\sum P(E / H_k) = G_1 + \dots + G_n$ </b></label>
167.                 <hr>
168.                 <table class="table table-bordered">
169.                     <thead>
170.                         <tr>
171.                             <th scope="col">Kode Penyakit</th>
172.
173.                             <th>Nilai Hipotesis</th>
174.
175.                         </tr>
176.                     </thead>
177.                     <tbody>
178.                     <?php
179.                     require_once 'teorema_bayes/koneksi.php';
180.                     $no = 1;
181.                     $sql1 = mysqli_query($link, "delete from jumlah");
182.                     $select = mysqli_query($link, "SELECT kodepenyakit, id_nilai,
id_user, SUM(nilai) as total FROM nilai GROUP BY kodepenyakit");
183.                     while ($data1 = mysqli_fetch_array($select)) {
184.                         $data1['kodepenyakit'];
185.                         $total = round($data1['total'], 1);
186.                         $id_user = $data1['id_user'];
187.                         $id_nilai = $data1['id_nilai'];

```

```

188.
189.     mysqli_query($link, "INSERT INTO jumlah
        (id_penyakit,id_user,id_nilai, jumlah) VALUES ('$data1[kodepenyakit]',
        '$data1[id_user]', '$data1[id_nilai]', '$total')");
190.     }
191.     ?>
192.     <?php
193.     $stampil = mysqli_query($link, "SELECT jumlah.id_penyakit,
        jumlah.jumlah, penyakit.id_penyakit, penyakit.kodepenyakit FROM jumlah,
        penyakit WHERE jumlah.id_penyakit = penyakit.id_penyakit");
194.     while ($data1 = mysqli_fetch_array($stampil)) {
195.         ?>
196.
197.         <tr>
198.
199.         <td><?php echo $data1['kodepenyakit']; ?></td>
200.         <td><?php echo $data1['jumlah'];
201.
202.         ?></td>
203.
204.         </tr>
205.         <!-- Add Event Button -->
206.
207.             <?php
208.             }
209.
210.             ?>
211.         </tbody>
212.
213.     </table>
214.     </div>
215.     </div>
216. </div>
217. </li>
218. <li>
219.     <div data-bs-toggle="collapse" href="#faq3" class="collapsed
        question">3. Mencari nilai probabilitas hipotesis H tanpa memandang evidence
        apapun<i class="bi bi-chevron-down icon-show"></i><i class="bi bi-chevron-
        up icon-close"></i></div>
220.     <div id="faq3" class="collapse" data-bs-parent=".faq-list">
221.         <br>
222.         <div class="card">
223.             <div class="card-body">
224.             <label for=""><b> rumus :  $P(H_i) = P(E|H_i) / \sum_{k=1}^n P(E|H_k)$ </b></label>
225.             <hr>
226.             <table class="table table-bordered">

```

```

227.     <thead>
228.         <tr>
229.             <th scope="col">Kode Penyakit</th>
230.             <th>Kode Gejala</th>
231.             <th>Nilai tanpa edivance</th>
232.
233.         </tr>
234.     </thead>
235.     <tbody>
236.     <?php
237.         require_once 'teorema_bayes/koneksi.php';
238.         $sql1 = mysqli_query($link, "delete from nilai_tanpaedvidance");
239.
240.         $sqlnilaikriteria1 = $link->query("SELECT * FROM jumlah");
241.
242.         while ($hasilnilai1 = $sqlnilaikriteria1->fetch_array()) {
243.             $sid_jumlah = $hasilnilai1['id_jumlah'];
244.             $jumlah = $hasilnilai1['jumlah'];
245.             $sid_user = $hasilnilai1['id_user'];
246.             $sid_nilai = $hasilnilai1['id_nilai'];
247.             $skr = $link->query("select * from nilai where kodepenyakit =
                '$hasilnilai1[id_penyakit]'");
248.             while ($hasilnilai1 = $skr->fetch_array()) {
249.                 $nilaikr = $hasilnilai1['nilai'];
250.                 $kode = $hasilnilai1['id_gejala'];
251.                 $hasil = $nilaikr / $jumlah;
252.                 mysqli_query($link, "INSERT INTO nilai_tanpaedvidance
                (id_user,id_nilai, id_jumlah, id_penyakit, id_gejala, nilai_tanpaedvidance)
                VALUES ('$sid_user', '$hasilnilai1[id_nilai]', '$sid_jumlah',
                '$hasilnilai1[kodepenyakit]', '$hasilnilai1[id_gejala]', '$hasil')");
253.             }
254.         }
255.     ?>
256.     <?php
257.     $stampil = mysqli_query($link, "SELECT gejala.id_gejala,gejala.kodegejala,
        penyakit.id_penyakit, penyakit.kodepenyakit,nilai_tanpaedvidance.id_gejala,
        nilai_tanpaedvidance.id_penyakit, nilai_tanpaedvidance.nilai_tanpaedvidance
        FROM gejala, penyakit, nilai_tanpaedvidance WHERE
        nilai_tanpaedvidance.id_gejala = gejala.id_gejala AND
        nilai_tanpaedvidance.id_penyakit = penyakit.id_penyakit");
258.     while ($hasilnilai1 = mysqli_fetch_array($stampil)) {
259.     ?>
260.     <tr>
261.
262.         <td><?php echo $hasilnilai1['kodepenyakit'] ?></td>
263.         <td><?php echo $hasilnilai1['kodegejala'] ?></td>

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264.         <td><?php echo $hasilnilai1['nilai_tanpaedvidance'] ?></td>
265.
266.         </tr>
267.         <!-- Add Event Button -->
268.
269.                 <?php
270.                 }
271.                 ?>
272.
273.         </tbody>
274. </table>
275. </div>
276. </div>
277. </div>
278. </li>
279. <?php
280. require_once 'teorema_bayes/koneksi.php';
281.
282. $sql1 = mysqli_query($link, "delete from nilai_edvidance");
283. $sqlnilaikriteria1 = $link->query("SELECT * FROM nilai");
284.
285.     while ($hasilnilai1 = $sqlnilaikriteria1->fetch_array()) {
286.
287.         $nilai = $hasilnilai1['nilai'];
288.         $skr = $link->query("select * from nilai_tanpaedvidance where id_gejala =
                '$hasilnilai1[id_gejala]' and id_penyakit = '$hasilnilai1[kodepenyakit]'");
289.         while ($hasilnilai1 = $skr->fetch_array()) {
290.             $nilaikr = $hasilnilai1['nilai_tanpaedvidance'];
291.
292.             $hasil = $nilaikr * $nilai;
293.             mysqli_query($link, "INSERT INTO nilai_edvidance
                (id_user,id_nilaitanpaedvidance, id_penyakit, id_gejala, nilai_edvidance)
                VALUES
                ('$hasilnilai1[id_user]','$hasilnilai1[id_nilaitanpaedvidance]','$hasilnilai1[id_pe
                nyakit]','$hasilnilai1[id_gejala]','$hasil')");
294.         }
295.     }
296.     ?>
297.
298.     <li>
299.         <div data-bs-toggle="collapse" href="#faq4" class="collapsed
                question">4. Mencari probabilitas hipotesis memandang edivance dengan cara
                mengkalikan nilai probabilitas evidence awal dengan nilai probabilitas
                hipotesis <i class="bi bi-chevron-down icon-show"></i><i class="bi bi-
                chevron-up icon-close"></i></div>
300.         <div id="faq4" class="collapse" data-bs-parent=".faq-list">

```

```

301.         <br>
302.         <div class="card">
303.             <div class="card-body">
304. <label for=""><b> rumus :  $\sum_{K=1}^n P(H_i) * P(E|H_i) + \dots + P(E|H_i)$ </b></label>
305.             <hr>
306.             <table class="table table-bordered">
307.                 <thead>
308.                     <tr>
309.                         <th scope="col">Kode Penyakit</th>
310.                         <th>Nilai edivance</th>
311.                     </tr>
312.                 </thead>
313.                 <tbody>
314.                     <tbody>
315.                         <?php
316.                             $sql1 = mysqli_query($link, "delete from jumlah_nilaiedvidance");
317.                             require_once 'teorema_bayes/koneksi.php';
318.                             $select = mysqli_query($link, "SELECT id_penyakit, id_gejala,
id_user, id_nilaiedvidance, SUM(nilai_edvidance) as total FROM
nilai_edvidance GROUP BY id_penyakit");
319.                             while ($data1 = mysqli_fetch_array($select)) {
320.                                 $h1 = $data1['id_penyakit'];
321.                                 $h2 = $data1['id_user'];
322.                                 $h3 = $data1['total'];
323.                                 $id_nilai = $data1['id_nilaiedvidance'];
324.                                 mysqli_query($link, "INSERT INTO jumlah_nilaiedvidance
(id_user, id_nilaiedvidance, id_penyakit, jumlah_nilaiedvidance) VALUES
('$h2', '$id_nilai', '$h1', '$h3')");
325.                             } ?>
326.
327.                         <?php
328.                             $stampil = mysqli_query($link, "SELECT penyakit.id_penyakit,
penyakit.kodepenyakit, jumlah_nilaiedvidance.id_penyakit,
jumlah_nilaiedvidance.jumlah_nilaiedvidance FROM jumlah_nilaiedvidance,
penyakit WHERE jumlah_nilaiedvidance.id_penyakit =
penyakit.id_penyakit");
329.                             while ($hasilnilai1 = mysqli_fetch_array($stampil)) {
330.                                 ?>
331.                                 <tr>
332.
333.                                     <td><?php echo $hasilnilai1['kodepenyakit'] ?></td>
334.
335.                                     <td><?php echo $hasilnilai1['jumlah_nilaiedvidance'] ?></td>
336.
337.                                 </tr>
338.                                 <!-- Add Event Button -->

```

```

339.
340.         <?php
341.
342.         }
343.
344.         ?>
345.
346.         </tbody>
347.     </table>
348. </div>
349. </div>
350. </div>
351. </li>
352.
353.     <li>
354.         <div data-bs-toggle="collapse" href="#faq5" class="collapsed
question">5. Mencari nilai P(Hi|E) atau probabilitas hipotesis H jika diberikan
evidence e <i class="bi bi-chevron-down icon-show"></i><i class="bi bi-
chevron-up icon-close"></i></div>
355.         <div id="faq5" class="collapse" data-bs-parent=".faq-list">
356.             <br>
357.             <div class="card">
358.                 <div class="card-body">
359.                     <label for=""><b> rumus :  $P(H_i) = P(H_i) \cdot P(E|H_i) / \sum_{k=1}^n P(E/H_k)$ </b></label>
360.                     <hr>
361.                     <table class="table table-bordered">
362.                         <thead>
363.                             <tr>
364.                                 <th scope="col">Kode Penyakit</th>
365.                                 <th>Kode Gejala</th>
366.                                 <th>Nilai probabilitas</th>
367.
368.                             </tr>
369.                         </thead>
370.                         <tbody>
371.                             <?php
372.                                 require_once 'teorema_bayes/koneksi.php';
373.
374.                                 $sql1 = mysqli_query($link, "delete from probabilitas");
375.                                 $sqlnilaikriteria1 = $link->query("SELECT * FROM
jumlah_nilaiedvidence");
376.
377.                                 while ($hasilnilai1 = $sqlnilaikriteria1->fetch_array()) {
378.
379.                                     $jumlah = $hasilnilai1['jumlah_nilaiedvidence'];

```

```

380.
381.         $id_jumlah = $hasilnilai1['id_jumlah'];
382.         $skr = $link->query("select * from nilai_edvidance where
           id_penyakit = '$hasilnilai1[id_penyakit]'");
383.         while ($hasilnilai1 = $skr->fetch_array()) {
384.             $nilaikr = $hasilnilai1['nilai_edvidance'];
385.             $hasil = $nilaikr / $jumlah;
386.             $id_nilai = $hasilnilai1['id_nilaiedvidance'];
387.
388.             mysqli_query($link, "INSERT INTO probabilitas
           (id_user,id_nilaiedvidance,id_jumlah, id_penyakit, id_gejala,
           nilai_probabilitas) VALUES
           ('$hasilnilai1[id_user]','$hasilnilai1[id_nilaiedvidance]','$id_jumlah',
           '$hasilnilai1[id_penyakit]', '$hasilnilai1[id_gejala]', '$hasil')");
389.         }
390.     } ?>
391.
392.     <?php
393.$stampil = mysqli_query($link, "SELECT gejala.id_gejala, gejala.kodegejala,
           penyakit.id_penyakit, penyakit.kodepenyakit,probabilitas.id_gejala,
           probabilitas.id_penyakit, probabilitas.nilai_probabilitas FROM gejala,
           penyakit, probabilitas WHERE probabilitas.id_gejala = gejala.id_gejala AND
           probabilitas.id_penyakit = penyakit.id_penyakit");
394.     while ($hasilnilai1 = mysqli_fetch_array($stampil)) {
395.         ?>
396.         <tr>
397.
398.             <td><?php echo $hasilnilai1['kodepenyakit'] ?></td>
399.             <td><?php echo $hasilnilai1['kodegejala'] ?></td>
400.             <td><?php echo $hasilnilai1['nilai_probabilitas'] ?></td>
401.
402.             </tr>
403.             <!-- Add Event Button -->
404.             <?php
405.                 }
406.                 ?>
407.             </tbody>
408.         </table>
409.     </div>
410. </div>
411. </div>
412. </li>
413. <li>
414.
415.     <?php
416.

```

```

417.     $sql2 = mysqli_query($link, "delete from hasil");
418.     $sqlnilaikriteria2 = $link->query("SELECT * FROM nilai");
419.     while ($hasilnilai1 = $sqlnilaikriteria2->fetch_array()) {
420.         $jumlah = $hasilnilai1['nilai'];
421.         $kodepenyakit = $hasilnilai1['kodepenyakit'];
422.         $skr = $link->query("select * from probabilitas where id_gejala =
        '$hasilnilai1[id_gejala]' and id_penyakit = '$hasilnilai1[kodepenyakit]'");
423.         while ($hasilnilai1 = $skr->fetch_array()) {
424.             $nilaikr = $hasilnilai1['nilai_probabilitas'];
425.             $id_nilai = $hasilnilai1['id_probabilitas'];
426.             $hasil = $nilaikr * $jumlah;
427.             mysqli_query($link, "INSERT INTO hasil (id_user,id_probabilitas,
            id_penyakit, hasil) VALUES
            ('$hasilnilai1[id_user]','$hasilnilai1[id_probabilitas]',
            '$hasilnilai1[id_penyakit]', '$hasil')");
428.         }
429.     }
430.     ?>
431.
432.     <div data-bs-toggle="collapse" href="#faq6" class="collapsed
question">6. Mencari nilai kesimpulan dari Teorema Bayes<i class="bi bi-
chevron-down icon-show"></i><i class="bi bi-chevron-up icon-
close"></i></div>
433.     <div id="faq6" class="collapse" data-bs-parent=".faq-list">
434.         <br>
435.         <div class="card">
436.             <div class="card-body">
437.                 <label for=""><b> rumus :  $\sum$  bayes =
                P(E|Hi)*P(Hi|Ei).....+P(E|Hi)*P(Hi|Ei)</b></label>
438.                 <hr>
439.                 <table class="table table-bordered">
440.                     <thead>
441.                         <tr>
442.                             <th scope="col">Kode Penyakit</th>
443.                             <th scope="col">Nama Penyakit</th>
444.                             <th>Nilai Penyakit</th>
445.
446.                             <th>Solusi</th>
447.                         </tr>
448.                     </thead>
449.                     <tbody>
450.                         <?php
451.
452.                         require_once 'teorema_bayes/koneksi.php';
453.                         $sql1 = mysqli_query($link, "delete from laporan");

```



```

454.          $select = mysqli_query($link, "SELECT
           penyakit.kodepenyakit,penyakit.namapenyakit,
           penyakit.pengobatan,hasil.id_hasil, hasil.id_penyakit, hasil.id_user,
           SUM(hasil.hasil) as total FROM penyakit, hasil WHERE penyakit.id_penyakit
           = hasil.id_penyakit GROUP BY hasil.id_penyakit ORDER BY total DESC");
455.          while ($data1 = mysqli_fetch_array($select)) {
456.              $h1 = $data1['kodepenyakit'];
457.              $h2 = $data1['namapenyakit'];
458.              $h3 = $data1['total'];
459.              $id_user = $data1['id_user'];
460.              $id_hasil = $data1['id_hasil'];
461.          mysqli_query($link, "INSERT INTO laporan (id_user,id_hasil,
           kodepenyakit, namapenyakit, hasil) VALUES ('$id_user','$id_hasil', '$h1',
           '$h2','$h3')");
462.              ?>
463.              <tr>
464.                  <td><?php echo $data1['kodepenyakit'] ?></td>
465.                  <td><?php echo $data1['namapenyakit'] ?></td>
466.                  <td><?php echo $data1['total'] ?> %</td>
467.                  <td><?php echo $data1['pengobatan'] ?></td>
468.              </tr>
469.              <?php
470.                  }
471.              ?>
472.          </tbody>
473.      </table>
474.  </div>
475.
476.      <?php
477.          require_once 'teorema_bayes/koneksi.php';
478.          $stampil = mysqli_query($link, "SELECT id_user, id_laporan,
           namapenyakit, kodepenyakit, MAX(hasil) AS total FROM laporan");
479.          while ($data = mysqli_fetch_array(($stampil))) {
480.              $id_user = $data['id_user'];
481.              $id_laporan = $data['id_laporan'];
482.              $namapenyakit = $data['namapenyakit'];
483.              $kodepenyakit = $data['kodepenyakit'];
484.              $total = $data['total'];
485.          $stampil1 = mysqli_query($link, "SELECT * FROM user WHERE
           id_user = '$id_user'");
486.          while ($data1 = mysqli_fetch_array($stampil1)) {
487.              mysqli_query($link, "INSERT INTO laporan_diagnosa (id_user,
           id_laporan, nama, no_hp, alamat, penyakit, nilai_bayes) VALUES
           ('$data1[id_user]','$data[id_laporan]','$data1[nama_user]',
           '$data1[no_hp]','$data1[alamat]', '$data[namapenyakit]', '$data[total]')");
488.          }

```

```

489.         }
490.
491.         ?>
492.     </div>
493.
494.     </li>
495.
496. </ul>
497.
498. </div>
499. </section><!-- End Frequently Asked Questions Section -->
500. <!-- ===== About Us Section ===== -->
501. <section id="about" class="about">
502.     <div class="container" data-aos="fade-up">
503.
504.         <div class="section-title">
505.             <h2>Hasil Diagnosa</h2>
506.         </div>
507.
508.     <div class="row">
509.
510.         <div class="col-lg-12 pt-4 pt-lg-0 content" data-aos="fade-left">
511.
512.             <?php
513.                 $select = mysqli_query($link, "SELECT * FROM
514.                 laporan_diagnosa WHERE id_user = '$id_user' GROUP BY id_user");
515.                 while ($data = mysqli_fetch_array($select)) {
516.                     $namapenyakit = $data['penyakit'];
517.                     $nilai_bayes = $data['nilai_bayes'];
518.                 }
519.             ?>
520.             <p>Berdasarkan Gejala - Gejala Yang di Alami Pada Ternak Babi
521.             Anda, Dapat Disimpulkan Bahwa Ternak Babi Anda Mengalami Penyakit
522.             <b><?php echo $namapenyakit ?></b> dengan besar nilai <?php echo
523.             $nilai_bayes * 100 ?> %</p>
524.
525.         <div class="card-body">
526.             <table class="table table-bordered">
527.                 <thead>
528.                     <tr>
529.                         <th scope="col">Kode Penyakit</th>
530.                         <th scope="col">Nama Penyakit</th>
531.                         <th>Nilai Penyakit</th>
532.
533.                         <th>Solusi</th>
534.                     </tr>

```

```

531.         </thead>
532.         <tbody>
533.             <?php
534.                 require_once 'teorema_bayes/koneksi.php';
535.
536.                 $select = mysqli_query($link, "SELECT
                    penyakit.kodepenyakit,penyakit.id_penyakit,penyakit.namapenyakit,
                    penyakit.pengobatan, hasil.id_penyakit, hasil.id_user, SUM(hasil.hasil) as
                    total FROM penyakit, hasil WHERE penyakit.id_penyakit = hasil.id_penyakit
                    GROUP BY hasil.id_penyakit ORDER BY total DESC");
537.                 while ($data1 = mysqli_fetch_array($select)) {
538.                     $h1 = $data1['kodepenyakit'];
539.                     $h2 = $data1['namapenyakit'];
540.                     $h3 = $data1['total'];
541.                     $id_user = $data1['id_user'];
542.
543.                     ?>
544.                     <tr>
545.                         <td><?php echo $data1['kodepenyakit'] ?></td>
546.                         <td><?php echo $data1['namapenyakit'] ?></td>
547.                         <td><?php echo $data1['total'] * 100 ?> %</td>
548.                         <td><?php echo $data1['pengobatan'] ?></td>
549.                     </tr>
550.                     <?php
551.                         }
552.                     ?>
553.                 </tbody>
554.             </table>
555.
556.         </div>
557.         <br>
558.         <a href="cetak_hasil.php" class="btn btn-secondary">Cetak</a>
559.     </div>
560. </div>
561.
562. </div>
563. </section><!-- End About Us Section -->
564.
565. </main><!-- End #main -->
566.
567. <!-- ===== Footer ===== -->
568. <footer id="footer">
569.
570.     <div class="container">
571.         <div class="copyright">
572.             &copy; Copyright <strong><span>Elvy Lay</span></strong>.

```

```
573.         </div>
574.
575.         </div>
576.     </footer><!-- End Footer -->
577.
578.     <div id="preloader"></div>
579.     <a href="#" class="back-to-top d-flex align-items-center justify-
content-center"><i class="bi bi-arrow-up-short"></i></a>
580.
581.     <!-- Vendor JS Files -->
582.     <script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
583.     <script src="assets/vendor/aos/aos.js"></script>
584.     <script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
585.     <script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
586.     <script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
587.     <script src="assets/vendor/php-email-form/validate.js"></script>
588.
589.     <!-- Template Main JS File -->
590.     <script src="assets/js/main.js"></script>
591.
592. </body>
593.
594. </html>
```