LAPORAN TUGAS PRAKTIKUM PENGEMBANGAN APLIKASI WEB TP MODUL 10



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PRODI TEKNIK INFORMATIKA
JURUSAN TEKNIK INFORMATIKA
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1. Code Program

```
1. <?php
2. require 'koneksi.inc';
3. session_start();
4.
5. if (isset($_GET['logout'])) {
     session destroy();
7.
       header("location: login.php");
8. }
10.if (!isset($ SESSION["username"])) {
       header("location: login.php");
12.}
13.
14. $batas = 5;
15. $filter_param = '?';
16. $search = '';
17.
18.if (isset($ GET['view'])){
        $batas = $ GET['view'];
20.
      $filter param = "?view=$batas&";
21.}
23. $hal = isset($ GET['hal']) ? (int)$ GET['hal'] : 1;
24.\ awal = (\ awal = (\ awal > 1) ? (\ awal * \ batas : 0;
26. prev = hal - 1;
27.  $next = $hal + 1;
28.
29. $data = mysqli query($koneksi, "SELECT * FROM transaksi");
30. $no = $hal awal + 1;
32. $result = mysqli_query($koneksi, "SELECT * FROM transaksi LIMIT
   $hal_awal, $batas");
33.
34.if (isset($ GET['tgl awal'])) {
      $tgl_awal = $_GET['tgl_awal'];
       $tgl_tujuan = $_GET['tgl_tujuan'];
      $data = mysqli_query($koneksi, "SELECT * FROM transaksi
   WHERE waktu_transaksi BETWEEN '$tgl_awal' AND '$tgl_tujuan'");
38. $\text{result = mysqli_query($koneksi, "SELECT * FROM transaksi}}
   WHERE waktu transaksi BETWEEN '$tgl awal' AND '$tgl tujuan'
   LIMIT $hal_awal, $batas");
      $filter param =
   "?tgl_awal=".$tgl_awal."&tgl_tujuan=".$tgl_tujuan."&view=".$bata
   s."&";
40.}
42.if (isset($ GET["search"])){
43.
      $search = $ GET["search"];
      $data = mysqli_query($koneksi, "SELECT * FROM transaksi
45.
  WHERE
      id LIKE '%$search%' OR
       pelanggan id LIKE '%$search%' OR
```

```
48.
       waktu transaksi LIKE '%$search%' OR
49.
       keterangan LIKE '%$search%' OR
50
       total LIKE '%$search%'
51.
       ");
52.
       $result = mysqli query($koneksi, "SELECT * FROM transaksi
   WHERE
      id LIKE '%$search%' OR
54.
       pelanggan id LIKE '%$search%' OR
55.
56.
       waktu_transaksi LIKE '%$search%' OR
57.
      keterangan LIKE '%$search%' OR
58.
      total LIKE '%$search%'
59.
      LIMIT $hal awal, $batas
60.
       ");
61.
62.
     $searchQ = (isset($ GET['search']) ? "WHERE
     id LIKE '%$search%' OR
64.
     pelanggan id LIKE '%$search%' OR
     waktu_transaksi LIKE '%$search%' OR
65.
     keterangan LIKE '%$search%' OR
66.
       total LIKE '%$search%'
67.
      ":"");
68.
69.
70.
71.
       if (isset($_GET['tgl_awal'])){
          $data = mysqli query($koneksi, "SELECT * FROM transaksi
  WHERE waktu transaksi BETWEEN '$tgl awal' AND '$tgl tujuan' AND
73.
              (id LIKE '%$search%' OR
              pelanggan_id LIKE '%$search%' OR
75.
              waktu transaksi LIKE '%$search%' OR
76.
              keterangan LIKE '%$search%' OR
77.
               total LIKE '%$search%');
          ");
78.
79.
          $result = mysqli query($koneksi, "SELECT * FROM
  transaksi WHERE waktu_transaksi BETWEEN '$tgl_awal' AND
   '$tgl_tujuan' AND
              (id LIKE '%$search%' OR
81.
              pelanggan id LIKE '%$search%' OR
              waktu transaksi LIKE '%$search%' OR
83.
              keterangan LIKE '%$search%' OR
84.
              total LIKE '%$search%')
85.
               LIMIT $hal awal, $batas
86.
           ");
87.
88.
           $searchQ = (isset($_GET['tgl_awal']) ? "WHERE
  waktu_transaksi BETWEEN '$tgl_awal' AND '$tgl_tujuan' AND
90.
              (id LIKE '%$search%' OR
91.
              pelanggan_id LIKE '%$search%' OR
92.
              waktu transaksi LIKE '%$search%' OR
93.
              keterangan LIKE '%$search%' OR
94.
              total LIKE '%$search%')" : "");
95.
      }
96.}
97.
98. $jumlah_data = mysqli_num_rows($data);
```

```
99. $total hal = ceil($jumlah data / $batas);
100.
101.
          // echo $ SERVER['QUERY STRING'];
102.
          if (isset($ GET['sort'])){
103.
             $sort = $ GET['sort'];
             $kolom = $ GET['s'];
             if ($sort == "desc"){
105.
                 $result = mysqli_query($koneksi, "SELECT * FROM
106.
   transaksi $searchQ ORDER BY $kolom DESC LIMIT $hal awal,
   $batas");
107.
             } else {
                 $result = mysqli query($koneksi, "SELECT * FROM
  transaksi $searchQ ORDER BY $kolom LIMIT $hal awal, $batas ");
109.
             }
110.
          }
111.
112.
113.
        if (isset($ GET['search'])){
114.
                $cari = $_GET['search'];
                $filter param = "?search=".$cari."&";
115.
              if (isset($ GET['hal'])){
116.
117.
                  $p = $_GET['hal'];
118.
                  $filter param = "?search=".$cari."&";
119.
              }
120.
          }
121.
122.
        function rupiah($angka){
               $hasil rupiah = "Rp " .
  number format($angka,2,',','.');
                return $hasil rupiah;
124.
125
126.
         ?>
127.
128.
         <!DOCTYPE html>
129.
          <html lang="en">
130.
131.
        <head>
            <meta charset="UTF-8">
132.
             <meta name="viewport" content="width=device-width,</pre>
  initial-scale=1.0">
134.
             <title>Dasboard</title>
135.
              1
   href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/boot
   strap.min.css" rel="stylesheet" integrity="sha384-
   T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN
   " crossorigin="anonymous">
136.
              <link rel="stylesheet"</pre>
   href="https://cdn.jsdelivr.net/npm/bootstrap-
   icons@1.11.1/font/bootstrap-icons.css">
             <link rel="stylesheet"</pre>
   href="https://cdn.jsdelivr.net/npm/bootstrap-
   icons@1.11.2/font/bootstrap-icons.min.css">
             <script
   src="https://kit.fontawesome.com/47a76e5697.js"
   crossorigin="anonymous"></script>
139.
        </head>
```

```
140.
141.
         <body>
142
            <nav class="navbar navbar-expand-lg bg-body-tertiary">
143.
                 <div class="container">
144.
                    <a class="navbar-brand" href="#">Admin</a>
                    <button class="navbar-toggler" type="button"</pre>
145.
   data-bs-toggle="collapse" data-bs-target="#navbarNavAltMarkup"
   aria-controls="navbarNavAltMarkup" aria-expanded="false" aria-
   label="Toggle navigation">
146.
                        <span class="navbar-toggler-icon"></span>
147.
                    </button>
                    <div class="collapse navbar-collapse"
  id="navbarNavAltMarkup" aria-expanded="false">
                        149.
                            <a class="nav-link" aria-
150.
  current="page" href="index.php">Home</a>
                            <?php if($ SESSION["level"] == "1") {</pre>
  ?>
152.
                                class="nav-item dropdown">
                                   <a class="nav-link dropdown-
153.
   toggle" href="#" role="button" data-bs-toggle="dropdown" aria-
   expanded="false">
154.
                                       Data Master
155.
                                   </a>
156.
                                   157.
                                       <a class="dropdown-
   item" href="#">Action</a>
                                       <a class="dropdown-
   item" href="#">Another action</a>
159.
                                       <a class="dropdown-
   item" href="#">Something else here</a>
160.
161.
                               162.
                            <?php } ?>
                            <a class="nav-link active"</pre>
  href="transaksi.php">Transaksi</a>
                            <a class="nav-link"
164.
  href="#">Laporan</a>
165.
                        166.
167.
                            class="me-4">
                                <form method="get" action="">
168.
169.
                                   <div class="input-group">
                                       <input type="text"</pre>
   name="search" class="form-control" placeholder="Search..."
   autocomplete="off">
171.
                                       <button class="btn btn-
   secondary" type="submit"><i class="bi bi-search"></i></button>
172.
                                   </div>
173.
                                </form>
174.
                            175.
                            <a class="dropdown-toggle nav-</pre>
176.
   link" role="button" data-bs-toggle="dropdown" aria-
   expanded="false" aria-haspopup="true">
177.
                                   <i class="bi bi-person-</pre>
```

```
fill"></i>
178.
                                       <?= $ SESSION["username"] ?>
179.
                                   </a>
180.
                                   menu-end">
                                       <1i>>
                                           <a class="dropdown-item"</pre>
182.
   href="?logout" class="ms-4">
                                               <i class="bi bi-box-
183.
   arrow-left"></i>
184.
                                               Logout
185.
                                           </a>
186.
                                       187.
                                   188.
                               189.
                      </div>
                  </div>
191.
192.
             </nav>
193.
              <div class="container mt-2">
                  <div class="row">
194.
195.
                      <div class="col-3">
196.
                          <form method="get" action="">
                               <div class="input-group input-group-sm"
   mb-3">
198.
                                   <?php if (isset($ GET['search'])):</pre>
   ?>
199.
                                      <input type="hidden"</pre>
   name="search" value="<?=$search?>">
200.
                                   <?php endif ?>
201
                                   <?php if
   (isset($ GET['tgl awal'])): ?>
202.
                                      <input type="hidden"</pre>
   name="tgl awal" value="<?=$tgl awal?>">
                                      <input type="hidden"</pre>
   name="tgl_tujuan" value="<?=$tgl_tujuan?>">
204.
                                   <?php endif ?>
205.
                                   <?php if (isset($_GET['s'])): ?>
                                      <input type="hidden" name="s"</pre>
   value="<?=$ GET['s']?>">
                                      <input type="hidden"</pre>
   name="sort" value="<?=$ GET['sort']?>">
208.
                                   <?php endif ?>
209.
                                   <span class="input-group-</pre>
   text">Menampilkan</span>
                                       <select class="form-select"</pre>
   name="view" onchange="this.form.submit()">
211.
                                           <?php
212.
                                               val = [5, 10, 20,
   25];
213.
                                               foreach($val as $key):
214.
                                                       <option <?=</pre>
   (isset($ GET["view"]) && $ GET["view"] == $key) ? "selected" :
   "" ?> value="<?=$key?>"><?=$key?></option>
215.
                                               <?php endforeach; ?>
```

```
216.
                                       </select>
217.
                                   <span class="input-group-</pre>
   text">data</span>
                              </div>
218.
219.
                          </form>
220.
                      </div>
                      <div class="col-5">
221.
                          <form method="get" action=''>
222.
223.
                               <div class="input-group input-group-sm"
   mb-3">
224.
                                   <?php if (isset($ GET['search'])):</pre>
225.
                                      <input type="hidden"</pre>
   class="form-control" name="search" value="<?=$ GET['search']?>">
                                  <?php endif ?>
226.
227.
                                   <span class="input-group-</pre>
   text">Filter tanggal</span>
                                       <input type="date"</pre>
   class="form-control" name="tgl awal">
229
                                   <span class="input-group-</pre>
   text">sampai</span>
                                       <input type="date"</pre>
   class="form-control" name="tgl tujuan">
231.
                                   <?php if (isset($_GET['view'])):</pre>
232.
                                       <input type="hidden"</pre>
   name="view" value="<?=$ GET['view']?>">
233.
                                   <?php endif ?>
                                   <button class="btn btn-secondary"</pre>
   type="submit">Filter</button>
235
                               </di>
                          </form>
236.
                      </div>
237.
238.
                  <div class="row">
239.
                      <div class="col">
240.
                      <?php if(mysqli_num_rows($result) > 0){ ?>
                          <table id="example" class="table table-
  bordered table-hover">
242.
                              <thead>
                                   243.
244.
                                       245.
                                           No
                                       246.
247.
                                       248.
                                           <?php if
   (!isset($_GET['sort']) || $_GET['sort'] == 'desc' && $_GET['s']
   == "id") : ?>
250.
                                               <a href="<?=
   (!$ SERVER['QUERY STRING']) ? "?" : $filter param
   ?>s=id&sort=asc"><i class="fa-solid fa-sort-down"></i></a>
251.
                                           <?php else : ?>
                                               <a href="<?=
252.
   (!$ SERVER['QUERY STRING']) ? "?" : $filter param
   ?>s=id&sort=desc"><i class="fa-solid fa-sort-up"></i></a>
253.
                                           <?php endif ?>
```

```
</t.h>
254.
255.
                                      256.
                                          Tanggal
257.
                                          <?php if
   (!isset($_GET['sort']) || $_GET['sort'] == 'desc' && $_GET['s']
   == "waktu transaksi") : ?>
258.
                                              <a href="<?=
   (!$_SERVER['QUERY_STRING']) ? "?" : $filter_param
   ?>s=waktu transaksi&sort=asc"><i class="fa-solid fa-sort-</pre>
   down"></i></a>
259.
                                          <?php else : ?>
260.
                                              <a href="<?=
   (!$ SERVER['QUERY STRING']) ? "?" : $filter param
   ?>s=waktu_transaksi&sort=desc"><i class="fa-solid fa-sort-</pre>
   up"></i></a>
261.
                                          <?php endif ?>
262.
                                      263.
                                      264.
                                          Pelanggan Id
                                          <?php if
265.
   (!isset($_GET['sort']) || $_GET['sort'] == 'desc' && $_GET['s']
   == "pelanggan id") : ?>
                                              <a href="<?=
   (!$_SERVER['QUERY_STRING']) ? "?" : $filter_param
   ?>s=pelanggan_id&sort=asc"><i class="fa-solid fa-sort-</pre>
   down"></i></a>
267.
                                          <?php else : ?>
268.
                                              <a href="<?=
   (!$ SERVER['QUERY STRING']) ? "?" : $filter param
   ?>s=pelanggan id&sort=desc"><i class="fa-solid fa-sort-</pre>
   up"></i></a>
269.
                                          <?php endif ?>
270.
                                      271.
                                      272.
                                          Keterangan
273.
                                          <?php if
   (!isset($_GET['sort']) || $_GET['sort'] == 'desc' && $_GET['s']
   == "keterangan") : ?>
274.
                                              <a href="<?=
   (!$ SERVER['QUERY STRING']) ? "?" : $filter param
   ?>s=keterangan&sort=asc"><i class="fa-solid fa-sort-</pre>
   down"></i></a>
275.
                                          <?php else : ?>
276.
                                              <a href="<?=
   (!$ SERVER['QUERY STRING']) ? "?" : $filter param
   ?>s=keterangan&sort=desc"><i class="fa-solid fa-sort-
   up"></i></a>
                                          <?php endif ?>
277.
278.
                                      279.
                                      280.
                                          <?php if
   (!isset($ GET['sort']) || $ GET['sort'] == 'desc' && $ GET['s']
   == "total") : ?>
282.
                                              <a href="<?=
   (!$_SERVER['QUERY_STRING']) ? "?" : $filter_param
```

```
?>s=total&sort=asc"><i class="fa-solid fa-sort-down"></i></a>
283.
                                     <?php else : ?>
284
                                         <a href="<?=
   (!$ SERVER['QUERY STRING']) ? "?" : $filter param
   ?>s=total&sort=desc"><i class="fa-solid fa-sort-up"></i></a>
                                     <?php endif ?>
286.
                                  287.
                              </thead>
288.
289.
                           290.
                              <?php foreach ($result as $row) :</pre>
291.
                                  292.
                                     <:- $no++ ?>.
293.
                                     <?= $row['id'] ?>
                                     <?=
  $row['waktu transaksi'] ?>
                                     <?=
  $row['pelanggan_id'] ?>
296.
                                     <?= $row['keterangan']
  ?>
297.
                                     <?=
  rupiah($row['total']) ?>
298.
                                  299.
                              <?php endforeach; ?>
300.
                           301.
                       302.
                   </div>
                   <?php } else {echo "<h3>Data tidak
  ditemukan</h3>";}?>
304.
                </div>
305.
                <?php if(mysqli num rows($result) > 0){ ?>
306.
                   <nav class="text-center">
307.
                       <span>Menampilkan <?=$hal_awal+1 ."-".</pre>
  $no-1?> data dari <?=mysqli_num_rows($data)?> data</span>
309.
310.
                       center mt-3">
                          311.
   "disabled" : ''; ?>">
312.
                              <a class="page-link"</pre>
  href='<?=(!$ SERVER['QUERY STRING'] ? "?" : $filter param)?><?=</pre>
   (isset($ GET['sort'])) ? "s=".$kolom."&sort=".$sort."&" : ""
   ?>hal=<?= $prev ?>'>Previous</a>
313.
314.
315.
                          <?php for ($x = 1; $x \le $total hal;
   $x++) { ?>
316.
                              $x) ? "active" : ''; ?>">
                                 <a class="page-link"</pre>
  href='<?=(!$ SERVER['QUERY STRING'] ? "?" : $filter param)?><?=</pre>
   (isset($ GET['sort'])) ? "s=".$kolom."&sort=".$sort."&" : ""
   ?>hal=<?= $x ?>'><?= $x ?></a>
318.
```

```
319.
                             <?php } ?>
320.
321
                            =
   $total hal) ? "disabled" : ''; ?>">
322.
                                <a class="page-link"</pre>
  href='<?=(!$ SERVER['QUERY STRING'] ? "?" : $filter param)?><?=</pre>
   (isset($ GET['sort'])) ? "s=".$kolom."&sort=".$sort."&" : ""
   ?>hal=<?= $next ?>'>Next</a>
323.
324.
                         325.
                    </nav>
                <?php } else {echo "<span>Menampilkan 0
  hasil</span>";}?>
327. </div>
328.
             <script
  src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd
   /popper.min.js" integrity="sha384-
   I7E8VVD/ismYTF4hNIPjVp/Zjvqyo16VFvRkX/vR+Vc4jQkC+hVqc2pM8ODewa9r
  " crossorigin="anonymous"></script>
329.
            <script
  src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootst
   rap.min.js" integrity="sha384-
   BBtl+eGJRqqQAUMxJ7pMwbEyER4l1q+O15P+16Ep7Q9Q+zqX6qSbd85u4mG4QzX+
   " crossorigin="anonymous"></script>
330.
        </body>
        </html>
331.
```

Penjelasan Code Program:

- 1. Menyambungkan kedalam database dan juga memulai session, dan juga melakukan validasi untuk session yang sudah login atau tidak.
- 2. Membuat batas pagination setiap page menampilkan 5 page.
- 3. Dan juga menyiapkan variabel filter_param dan juga search sebagai tanda tanya, dan juga string kosong.
- 4. Kemudian membuat pagination untuk berapa data yang diambil.
- 5. Membuat fungsi atau program untuk membuat link redirect dari berbagai macam kemungkinan, ketika search kemudain sort, filter, dan juga ketika menampilkan berapa data.
- 6. Setiap kemungkinan tersebut saya menggunakan query logic agar tidak error, dan program teteap berjalan sesuai ekspetasi.
- 7. Ketika parameter dalam url maka akan merubah filter_parameter, yang akan berganti seiring atau mengikuti url yang ada.
- 8. Search berada dalam nabar.
- 9. Kemudian juga dalam form ketika menampilkan berapa data dalam page, menggunakan input bertipe hidden agar url tetap ditempat.
- 10. Untuk filter tanggal juga sama seperti form memilih data yang ingin ditampilkan.
- 11. Menampilkan icon sorting yang menyesuaikan kondisi.
- 12. Menampilkan data menggunakan tag table.

13. Membuat link atau tombol untuk pagination.

Hasil Running Program:

