

LAMPIRAN

KODE PROGRAM

Tampil Customer

```
<?php
require '../koneksi.php';
require '../auth.php';
$customer = query("SELECT * FROM customer");
?>

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Daftar Customer UD Gusniar Kayu</title>
    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH
" crossorigin="anonymous" />
  </head>
  <body>
    <div class="container mt-5">
      <h2 class="text-center">DAFTAR CUSTOMER</h2>
      <h3 class="text-center">UD GUSNIAR KAYU</h3>
      <a href="input_customer.php" class="btn btn-primary mb-
2">+ Tambah Data Customer</a>
      <a href="export.php" class="btn btn-success mb-
2">Cetak</a>

      <table class="table table-bordered">
        <thead class="table-light">
          <tr>
            <th>NO</th>
            <th>ID CUSTOMER</th>
            <th>NAMA CUSTOMER</th>
            <th>ALAMAT CUSTOMER</th>
            <th>NOMOR TELEPON</th>
          </tr>
        </thead>
        <tbody>
          <?php
            $no=1;
            foreach( $customer as $row) :
              ?>
                <tr>
```

```

        <td><?php echo $no++; ?></td>
        <td><?php echo $row['id_customer']; ?></td>
        <td><?php echo $row['nama_customer']; ?></td>
        <td><?php echo $row['alamat']; ?></td>
        <td><?php echo $row['no_telp']; ?></td>
    </tr>
</tbody>
<?php endforeach; ?>

</table>
</div>

<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>

</body>
</html>

```

Input Customer

```

<?php
require '../koneksi.php';
require '../auth.php';

if (isset($_POST["submit"])) {
    // mengambil data dari elemen dalam form
    $id_customer = $_POST["id_customer"];
    $nama_customer = $_POST["nama_customer"];
    $alamat = $_POST["alamat"];
    $no_telp = $_POST["no_telp"];

    // query insert data
    $query = "INSERT INTO customer VALUES ('$id_customer',
'$nama_customer', '$alamat', '$no_telp')";

    mysqli_query($conn, $query);

    // Cek keberhasilan input
    if (mysqli_affected_rows($conn) > 0) {
        echo "
        <script>
            alert('Data Berhasil di Simpan !');
            document.location.href = 'customer.php';
        </script>";
    } else {
        echo "
        <script>
            alert('Data Gagal di Simpan !');
            document.location.href = 'customer.php';

```

```

        </script>";
    }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Input Data Customer</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhJy6hW+ALEwIH
" crossorigin="anonymous">
</head>
<body>
    <div class="d-flex justify-content-center align-items-center
vh-100">
        <div class="card w-50">
            <div class="card-header text-center">
                <h2>Input Data Customer</h2>
                <h4>UD Gusniar Kayu</h4>
            </div>
            <div class="card-body">
                <form action="" method="post">
                    <div class="mb-3">
                        <label for="id_customer" class="form-
label">ID Customer</label>
                        <input type="text" class="form-control"
id="id_customer" name="id_customer">
                    </div>
                    <div class="mb-3">
                        <label for="nama_customer" class="form-
label">Nama Customer</label>
                        <input type="text" class="form-control"
id="nama_customer" name="nama_customer">
                    </div>
                    <div class="mb-3">
                        <label for="alamat" class="form-
label">Alamat</label>
                        <input type="text" class="form-control"
id="alamat" name="alamat">
                    </div>
                    <div class="mb-3">
                        <label for="no_telp" class="form-
label">Nomor Telepon</label>
                        <input type="text" class="form-control"
id="no_telp" name="no_telp">
                    </div>
                    <button type="submit" name="submit"
class="btn btn-primary">Simpan</button>
                    <a href="customer.php" type="button"
class="btn btn-danger" >Kembali</a>
                </form>
            </div>
        </div>
    </div>

```

```

        </form>
    </div>
</div>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY31lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>
</body>
</html>

```

Tampil Barang

```

<?php
require '../koneksi.php';
require '../auth.php';

$barang = query("SELECT * FROM barang");

function formatRupiah($angka) {
    return 'Rp. ' . number_format($angka, 0, ',', '.');
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Daftar Barang UD Gusniar Kayu</title>
    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH
" crossorigin="anonymous" />
</head>

```

```

<body>
  <div class="container mt-5">
    <h2 class="text-center">DAFTAR BARANG</h2>
    <h3 class="text-center">UD GUSNIAR KAYU</h3>
    <a href="input_barang.php" class="btn btn-primary mb-2">+ Tambah Data Barang</a>
    <a href="export.php" class="btn btn-success mb-2">Cetak</a>
    <table class="table table-bordered">
      <thead class="table-light">
        <tr>
          <th>NO</th>
          <th>ID BARANG</th>
          <th>NAMA BARANG</th>
          <th>HARGA BARANG</th>
        </tr>
      </thead>
      <tbody>
        <?php
          $no = 1;
          foreach ($barang as $row) :
            ?>
              <tr>
                <td><?php echo $no++; ?></td>
                <td><?php echo $row['id_barang'];
?></td>
                <td><?php echo $row['nama_barang'];
?></td>
                <td><?php echo
formatRupiah($row['harga_barang']); ?></td>
              </tr>
            <?php endforeach; ?>
          </tbody>
        </table>
      </div>

<!-- Bootstrap JS Bundle -->

```

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>
</body>
</html>
```

Input Barang

```
<?php
require '../koneksi.php';
require '../auth.php';

if (isset($_POST["submit"])) {
    // Mengambil data dari elemen dalam form
    $id_barang = $_POST["id_barang"];
    $nama_barang = $_POST["nama_barang"];
    $harga_barang = $_POST["harga_barang"];

    // Menghapus titik dari harga barang dan memeriksa apakah
    ada nilai kosong
    $harga_barang = str_replace('.', '', $harga_barang);
    $harga_barang = str_replace('Rp ', '', $harga_barang);

    // Debug: Cek nilai variabel
    var_dump($id_barang, $nama_barang, $harga_barang);

    // Query insert data
    $query = "INSERT INTO barang (id_barang, nama_barang,
harga_barang) VALUES ('$id_barang', '$nama_barang',
'$harga_barang')";

    mysqli_query($conn, $query);

    // Cek keberhasilan input
    if (mysqli_affected_rows($conn) > 0) {
        echo "
        <script>
            alert('Data Berhasil di Simpan !');
            document.location.href = 'barang.php';
        </script>";
    } else {
        echo "
        <script>
            alert('Data Gagal di Simpan !');
            document.location.href = 'barang.php';
        </script>";
    }
}
```

```

    }
  }
  ?>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Input Data Barang</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH
" crossorigin="anonymous">
  <script>
    function formatRupiah(angka, prefix) {
      var number_string = angka.replace(/[^,\d]/g,
'').toString(),
      split = number_string.split(','),
      sisa = split[0].length % 3,
      rupiah = split[0].substr(0, sisa),
      ribuan = split[0].substr(sisa).match(/\d{3}/gi);

      if (ribuan) {
        separator = sisa ? '.' : '';
        rupiah += separator + ribuan.join('.');
      }

      rupiah = split[1] != undefined ? rupiah + ',' +
split[1] : rupiah;
      return prefix == undefined ? rupiah : (rupiah ? 'Rp.
' + rupiah : '');
    }

    document.addEventListener('DOMContentLoaded', function()
{
      var hargaInput =
document.getElementById('harga_barang');
      hargaInput.addEventListener('keyup', function(e) {
        hargaInput.value = formatRupiah(this.value, 'Rp
');
      });
    });
  </script>
</head>
<body>
  <div class="d-flex justify-content-center align-items-center
vh-100">
    <div class="card w-50">
      <div class="card-header text-center">
        <h2>Input Data Barang</h2>
        <h4>UD Gusniar Kayu</h4>
      </div>
      <div class="card-body">

```

```
<form action="" method="post">
  <div class="mb-3">
    <label for="id_barang" class="form-label">ID Barang *</label>
    <input type="text" class="form-control"
id="id_barang" name="id_barang" required>
    </div>
    <div class="mb-3">
    <label for="nama_barang" class="form-label">Nama Barang *</label>
    <input type="text" class="form-control"
id="nama_barang" name="nama_barang" required>
    </div>
    <div class="mb-3">
    <label for="harga_barang" class="form-label">Harga Barang *</label>
    <input type="text" class="form-control"
id="harga_barang" name="harga_barang" required>
    </div>
    <button type="submit" name="submit"
class="btn btn-primary">Simpan</button>
    <a href="barang.php" type="button"
class="btn btn-danger">Kembali</a>
  </form>
</div>
</div>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>
</body>
</html>
```

Tampil Penjualan

```
<?php
include '../auth.php';
require '../koneksi.php';

$search_customer = isset($_GET['search_customer']) ?
$_GET['search_customer'] : '';
$start_date = isset($_GET['start_date']) ? $_GET['start_date'] :
'';
$end_date = isset($_GET['end_date']) ? $_GET['end_date'] : '';

$query = "SELECT penjualan_kredit.*, customer.nama_customer FROM
penjualan_kredit JOIN customer ON penjualan_kredit.id_customer =
customer.id_customer WHERE 1=1";
```



```

if ($search_customer) {
    $query .= " AND customer.nama_customer LIKE
'%"$search_customer%"";
}

if ($start_date && $end_date) {
    $query .= " AND penjualan_kredit.tgl_jual BETWEEN
'$start_date' AND '$end_date'";
}

$penjualan_kredit = query($query);

// Menghitung total penjualan
$total_penjualan = 0;
foreach ($penjualan_kredit as $row) {
    $total_penjualan += $row['total_penjualan'];
}

?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
        <title>PENJUALAN KREDIT</title>
        <!-- Bootstrap CSS -->
        <link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH
" crossorigin="anonymous" />

        <!-- Icons Bootstrap -->
        <link rel="stylesheet"
href="https://cdn.jsdelivrivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">

        <script>
            document.addEventListener('DOMContentLoaded', (event) =>
            {
                const urlParams = new
URLSearchParams(window.location.search);
                const theme = urlParams.get('theme');
                if (theme) {
                    document.documentElement.setAttribute('data-bs-
theme', theme);
                }
            });

            function updateURLParameter(param, value) {
                const url = new URL(window.location.href);
                if (value) {
                    url.searchParams.set(param, value);
                } else {
                    url.searchParams.delete(param);
                }
            }
        </script>
    </head>
    <body>

```

```

        }
        window.history.replaceState(null, '',
url.toString());
    }

    function handleDateChange() {
        const startDate =
document.getElementById('start_date').value;
        const endDate =
document.getElementById('end_date').value;
        updateURLParameter('start_date', startDate);
        updateURLParameter('end_date', endDate);
        // Submit form automatically when dates change
        document.getElementById('filter_form').submit();
    }
</script>
</head>

<body>
    <div class="container mt-5">
        <h2 class="text-center">DAFTAR PENJUALAN KREDIT</h2>
        <h3 class="text-center">UD GUSNIAR KAYU</h3>
        <a href="input_penjualan.php" class="btn btn-primary mt-
2">Entri Penjualan</a>
        <a href="export.php" class="btn btn-success mt-
2">Cetak</a>

        <!-- Search and Filter Form -->
        <form method="GET" id="filter_form" class="row g-3 mt-2
mb-3">
            <div class="col-md-4">
                <input type="text" class="form-control"
id="search_customer" name="search_customer" placeholder="Cari
Customer" value="<?php echo htmlspecialchars($search_customer);
?>" onchange="this.form.submit()">
            </div>
            <div class="col-md-4">
                <input type="date" class="form-control"
id="start_date" name="start_date" value="<?php echo
htmlspecialchars($start_date); ?>"
onchange="handleDateChange()">
            </div>
            <div class="col-md-4">
                <input type="date" class="form-control" id="end_date"
name="end_date" value="<?php echo htmlspecialchars($end_date);
?>" onchange="handleDateChange()">
            </div>
        </form>

        <table class="table table-bordered">
            <thead class="table-light">
                <tr>
                    <th><center>NO</center></th>
                    <th><center>ID PENJUALAN</center></th>
                    <th><center>NAMA CUSTOMER</center></th>
                    <th><center>TANGGAL PENJUALAN</center></th>
                </tr>
            </thead>
        </table>
    </div>

```

```

        <th><center>TERMIN</center></th>
        <th><center>TOTAL PENJUALAN</center></th>
        <th><center>AKSI</center></th>
    </tr>
</thead>

<tbody>
<?php
$no=1;
foreach ($penjualan_kredit as $row):
?>
    <tr>
        <td><?php echo $no++; ?></td>
        <td><?php echo $row['id_penjualan'];?></td>
        <td><?php echo $row['nama_customer'];?></td>
        <td><?php echo $row['tgl_jual'];?></td>
        <td><?php echo $row['termin'];?></td>
        <td><?php echo $row['total_penjualan'];?></td>
        <td><a
href="detail_penjualan.php?id_penjualan=<?php echo
$row['id_penjualan']; ?>" type="button" class="btn btn-
info">Detail Penjualan</a></td>
    </tr>
<?php endforeach; ?>
<tr>
<td colspan="5"><strong>Total
Penjualan</strong></td>
<td><strong><?php echo $total_penjualan;
?></strong></td>
<td></td>
</tr>
</tbody>
</table>
</div>
<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>

</body>
</html>

```

Input Penjualan

```

<?php
require '../koneksi.php';
require '../auth.php';

// Query untuk mengambil daftar customer

```

```

$result_customer = mysqli_query($conn, "SELECT id_customer,
nama_customer FROM customer");

// Query untuk mengambil daftar barang
$result_barang = mysqli_query($conn, "SELECT id_barang,
nama_barang, harga_barang FROM barang");

// Query insert data saat form disubmit
if (isset($_POST["submit"])) {
    // Mengambil data dari elemen dalam form
    $id_penjualan = $_POST["id_penjualan"];
    $tgl_jual = $_POST["tgl_jual"];
    $termin = $_POST["termin"];
    if ($termin == "net") {
        $net_days = $_POST["net_days"];
        $termin = "Net. " . $net_days . "th";
    } elseif ($termin == "diskon") {
        $diskon_persen = $_POST["diskon_persen"];
        $diskon_hari = $_POST["diskon_hari"];
        $net_days_2 = $_POST["net_days_2"];
        $termin = $diskon_persen . "/" . $diskon_hari . ",n/" .
$net_days_2;
    } else {
        $termin = "EOM";
    }
    $id_customer = $_POST["id_customer"];
    $total_jual = $_POST["total_jual"];
    $uang_muka = $_POST["uang_muka"];
    $jml_piutang = $_POST["jml_piutang"];

    // Mengambil data barang yang diinputkan
    $id_barang = $_POST["id_barang"];
    $jml_barang = $_POST["jml_barang"];
    $harga_jual = $_POST["harga_jual"];
    $total_harga = $_POST["total_harga"];

    // Cek apakah id_penjualan sudah ada di database
    $check_query = mysqli_query($conn, "SELECT id_penjualan FROM
penjualan_kredit WHERE id_penjualan = '$id_penjualan'");
    if (mysqli_num_rows($check_query) > 0) {
        echo "
<script>
            alert('Error: Nomor Faktur sudah ada. Silakan
gunakan nomor penjualan yang berbeda.');

```

```

        // Insert data detail penjualan ke dalam database
        for ($i = 0; $i < count($id_barang); $i++) {
            $query_detail_penjualan = "INSERT INTO
detail_penjualan (jml_barang, total_harga, id_penjualan,
id_barang)
                                VALUES
('$jml_barang[$i]', '$total_harga[$i]', '$id_penjualan',
'$id_barang[$i]')";

            if (!mysqli_query($conn,
$query_detail_penjualan)) {
                echo "Error: " . mysqli_error($conn) .
"<br>";
            }
        }
        echo "
<script>
    alert('Data Berhasil di Simpan !');
    document.location.href = 'penjualan.php';
</script>";
    } else {
        echo "
<script>
    alert('Data Gagal di Simpan !');
    document.location.href = 'penjualan.php';
</script>";
    }
}
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Input Data Penjualan</title>
    <!-- Bootstrap CSS -->
    <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/boo
tstrap.min.css" rel="stylesheet">
    <style>
        .form-container {
            max-width: 800px;
            margin: auto;
            padding: 30px;
            background: #f9f9f9;
            border-radius: 5px;
            box-shadow: 0px 0px 10px 0px rgba(0,0,0,0.1);
        }
        .modal-body {
            max-height: 400px;
            overflow-y: auto;
        }
    </style>

```

```

</head>
<body>
  <div class="container">
    <div class="form-container">
      <h3 class="mt-3 mb-4 text-center">INPUT TRANSAKSI
PENJUALAN</h3>
      <h3 class="mb-4 text-center">UD GUSNIAR KAYU</h3>
      <form action="input_penjualan.php" method="post">
        <div class="row">
          <div class="col-md-6">
            <div class="form-group">
              <input type="text" class="form-
control" id="id_penjualan" name="id_penjualan" placeholder="ID
Penjualan" required />
            </div>
          </div>
          <div class="col-md-6">
            <div class="form-group">
              <input type="date" class="form-
control" id="tgl_jual" name="tgl_jual" required />
            </div>
          </div>
        </div>
        <div class="row">
          <div class="col-md-6">
            <div class="form-group">
              <input type="text" class="form-
control" id="nama_customer" name="nama_customer"
Placeholder="Cari Csutomer" onfocus="showCustomerModal()"
required />
              <input type="hidden"
id="id_customer" name="id_customer">
            </div>
          </div>
          <div class="col-md-6">
            <div class="form-group">
              <select class="form-control"
id="termin" name="termin" placeholder="Termin"
onchange="toggleTerminInput()">
                <option value="" selected>--
Pilih Termin --</option>
                <option value="EOM">EOM (End Of
Month)</option>
                <option value="net">Net.days
(Ex. Net.30th)</option>
              </select>
              <input type="number" class="form-
control mt-2" id="net_days" name="net_days" placeholder="Batas
Waktu Pembayaran (Days)" style="display: none;">
              <div id="diskon_fields"
style="display: none;">
                <input type="number"
class="form-control mt-2" id="diskon_persen"
name="diskon_persen" placeholder="Diskon (%)">

```

```

                <input type="number"
class="form-control mt-2" id="diskon_hari" name="diskon_hari"
placeholder="Batas Waktu Diskon (days)">
                <input type="number"
class="form-control mt-2" id="net_days_2" name="net_days_2"
placeholder="Batas Waktu Pembayaran (Days)">
            </div>
        </div>
    </div>
</div>
<div>
    <table class="table" id="barangTable">
        <thead>
            <tr>
                <th scope="col">No</th>
                <th scope="col">Nama Barang</th>
                <th scope="col">Jumlah</th>
                <th scope="col">Harga</th>
                <th scope="col">Total Harga</th>
                <th scope="col">Aksi</th>
            </tr>
        </thead>
        <tbody id="tbody">
            <tr id="row_1">
                <td>1</td>
                <td>
                    <input type="text" class="form-
control" id="nama_barang_1" name="nama_barang[]"
onfocus="showBarangModal(1)" readonly>
                    <input type="hidden"
id="id_barang_1" name="id_barang[]">
                </td>
                <td>
                    <input type="number"
class="form-control" id="jml_barang_1" name="jml_barang[]"
oninput="calculateTotalHarga(1)">
                </td>
                <td>
                    <input type="number"
class="form-control" id="harga_jual_1" name="harga_jual[]"
readonly>
                </td>
                <td>
                    <input type="number"
class="form-control" id="total_harga_1" name="total_harga[]"
readonly>
                </td>
                <td>
                    <button type="button" class="btn
btn-danger" onclick="removeRow(1)">Hapus</button>
                </td>
            </tr>
        </tbody>
        <tfoot>
            <tr>

```

```

                <td colspan="6" class="text-
right"><button type="button" class="btn btn-success"
onclick="addRow()">Tambah Barang</button></td>
            </tr>
        </tfoot>
        <tbody class="mt-2">
            <tr>
                <th>Total Penjualan</th>
                <td colspan="5">
                    <input type="number"
class="form-control" id="total_jual" name="total_jual" readonly>
                </td>
            </tr>
            <tr>
                <th>Uang Muka</th>
                <td colspan="5">
                    <input type="number"
class="form-control" id="uang_muka" name="uang_muka"
oninput="calculatePiutang()">
                </td>
            </tr>
            <tr>
                <th>Piutang</th>
                <td colspan="5">
                    <input type="number"
class="form-control" id="jml_piutang" name="jml_piutang"
readonly>
                </td>
            </tr>
        </tbody>
    </table>
    <button type="submit" name="submit" class="btn
btn-primary mt-3">Simpan</button>
    <a href="penjualan.php" type="submit"
name="submit" class="btn btn-danger mt-3">Kembali</a>
</form>
</div>
</div>

<!-- Modal untuk Customer -->
<div class="modal fade" id="customerModal" tabindex="-1"
role="dialog" aria-labelledby="customerModalLabel" aria-
hidden="true">
    <div class="modal-dialog" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title"
id="customerModalLabel">Pilih Customer</h5>
                <button type="button" class="close" data-
dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">
                <table class="table">
                    <thead>

```



```

        <tr>
        <th scope="col">Nama
Customer</th>
        <th scope="col">Aksi</th>
        </tr>
    </thead>
    <tbody>
        <?php while ($row =
mysqli_fetch_assoc($result_customer)) { ?>
        <tr>
            <td><?=$row["nama_customer"];
?></td>
            <td><button type="button"
class="btn btn-primary" onclick="pilihCustomer('<?=$row['id_customer']; ?>', '<?=$row['nama_customer'];
?>')">Pilih</button></td>
        </tr>
        <?php } ?>
    </tbody>
</table>
</div>
</div>
</div>
</div>
</div>

<!-- Modal untuk Barang -->
<div class="modal fade" id="barangModal" tabindex="-1"
role="dialog" aria-labelledby="barangModalLabel" aria-
hidden="true">
    <div class="modal-dialog" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title"
id="barangModalLabel">Pilih Barang</h5>
                <button type="button" class="close" data-
dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">
                <table class="table">
                    <thead>
                        <tr>
                            <th scope="col">Nama Barang</th>
                            <th scope="col">Harga</th>
                            <th scope="col">Aksi</th>
                        </tr>
                    </thead>
                    <tbody>
                        <?php while ($row =
mysqli_fetch_assoc($result_barang)) { ?>
                        <tr>
                            <td><?=$row["nama_barang"];
?></td>
                            <td><?=$row["harga_barang"];
?></td>

```

```

                <td><button type="button"
class="btn btn-primary" onclick="pilihBarang('<?=$row['id_barang']; ?>', '<?=$row['nama_barang']; ?>', '<?=$row['harga_barang']; ?>')">Pilih</button></td>
            </tr>
        </tbody>
    </table>
</div>
</div>
</div>
</div>
</div>

<!-- JQuery dan Bootstrap JS -->
<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"></script>

<script>
    // JavaScript

let row = 1; // Inisialisasi nomor baris

function showCustomerModal() {
    $('#customerModal').modal('show');
}

function closeCustomerModal() {
    $('#customerModal').modal('hide');
}

function pilihCustomer(id_customer, nama_customer) {
    $('#nama_customer').val(nama_customer);
    $('#id_customer').val(id_customer);
    closeCustomerModal();
}

function showBarangModal(rowNumber) {
    window.currentRow = rowNumber;
    $('#barangModal').modal('show');
}

function closeBarangModal() {
    $('#barangModal').modal('hide');
}

function pilihBarang(id_barang, nama_barang, harga_barang) {
    $('#nama_barang_' + window.currentRow).val(nama_barang);
    $('#id_barang_' + window.currentRow).val(id_barang);
    $('#harga_jual_' + window.currentRow).val(harga_barang);
    closeBarangModal();
    calculateTotalHarga(window.currentRow);
}

```

```

function addRow() {
    row++;
    let newRow = `
        <tr id="row_${row}">
            <td>${row}</td>
            <td>
                <input type="text" class="form-control"
id="nama_barang_${row}" name="nama_barang[]"
onfocus="showBarangModal(${row})" readonly>
                <input type="hidden" id="id_barang_${row}"
name="id_barang[]">
            </td>
            <td>
                <input type="number" class="form-control"
id="jml_barang_${row}" name="jml_barang[]"
oninput="calculateTotalHarga(${row})">
            </td>
            <td>
                <input type="number" class="form-control"
id="harga_jual_${row}" name="harga_jual[]" readonly>
            </td>
            <td>
                <input type="number" class="form-control"
id="total_harga_${row}" name="total_harga[]" readonly>
            </td>
            <td>
                <button type="button" class="btn btn-danger"
onclick="removeRow(${row})">Hapus</button>
            </td>
        </tr>`;
    $('#tbody').append(newRow);
}

function removeRow(rowNumber) {
    $('#row_' + rowNumber).remove();
    recalculateRows();
}

function recalculateRows() {
    let total = 0;
    $('#barangTable tbody tr').each(function(index, row) {
        let jumlah = $(row).find('[name="jml_barang[]"]').val()
|| 0;
        let harga = $(row).find('[name="harga_jual[]"]').val()
|| 0;
        let subtotal = jumlah * harga;
        $(row).find('[name="total_harga[]"]').val(subtotal);
        total += subtotal;
    });
    $('#total_jual').val(total);
    calculatePiutang();
}

function calculateTotalHarga(rowNumber) {
    let jumlah = $('#jml_barang_' + rowNumber).val() || 0;
    let harga = $('#harga_jual_' + rowNumber).val() || 0;
}

```

```

        let total = jumlah * harga;
        $('#total_harga_' + rowNumber).val(total);
        recalculateRows();
    }

    function calculatePiutang() {
        let total_jual = $('#total_jual').val() || 0;
        let uang_muka = $('#uang_muka').val() || 0;
        let piutang = total_jual - uang_muka;
        $('#jml_piutang').val(piutang);
    }

    function toggleTerminInput() {
        let selected = $('#termin').val();
        if (selected === 'net') {
            $('#net_days').show();
            $('#diskon_fields').hide();
        } else if (selected === 'diskon') {
            $('#diskon_fields').show();
            $('#net_days').show();
        } else {
            $('#net_days').hide();
            $('#diskon_fields').hide();
        }
    }

    $(document).ready(function() {
        $('#customerModal').on('shown.bs.modal', function () {
            $('#customerModal input[type="text"]').first().focus();
        });
        $('#barangModal').on('shown.bs.modal', function () {
            $('#barangModal input[type="text"]').first().focus();
        });
    });

</script>
</body>
</html>

```

Tampil Pelunasan

```

<?php
require '../koneksi.php';
require '../auth.php';

// Handle search and filter
$search = isset($_GET['search']) ? $_GET['search'] : '';
$start_date = isset($_GET['start_date']) ? $_GET['start_date'] : '';
$end_date = isset($_GET['end_date']) ? $_GET['end_date'] : '';

```

```

$query = "SELECT pelunasan.*, customer.nama_customer,
penjualan_kredit.id_penjualan
        FROM pelunasan
        JOIN penjualan_kredit ON pelunasan.id_penjualan =
penjualan_kredit.id_penjualan
        JOIN customer ON penjualan_kredit.id_customer =
customer.id_customer
        WHERE customer.nama_customer LIKE '%$search%';

if (!empty($start_date) && !empty($end_date)) {
    $query .= " AND pelunasan.tgl_pelunasan BETWEEN
'$start_date' AND '$end_date'";
}

$pelunasan = query($query);

// Calculate the total pelunasan
$total_pelunasan = 0;
foreach ($pelunasan as $row) {
    $total_pelunasan += $row['jml_pembayaran'];
}

?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
        <title>DAFTAR PELUNASAN PIUTANG</title>
        <!-- Bootstrap CSS -->
        <link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH
" crossorigin="anonymous" />
        <!-- Icons Bootstrap -->
        <link rel="stylesheet"
href="https://cdn.jsdelivrivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
        <script>
            document.addEventListener('DOMContentLoaded', (event) =>
{
                // Add event listeners to input fields to submit the
form on change
                document.querySelectorAll('input').forEach(input =>
{
                    input.addEventListener('change', () => {
                        document.getElementById('filter-
form').submit();
                    });
                });
            });
        </script>
    </head>
</body>

```

```

<div class="container mt-5">
  <h2 class="text-center">DAFTAR PELUNASAN PIUTANG</h2>
  <h3 class="text-center">UD GUSNIAR KAYU</h3>
  <a href="input_pelunasan.php" class="btn btn-primary mb-2
mt-3">Entri Pelunasan</a>
  <a href="export.php" class="btn btn-success mb-2 mt-
3">Cetak</a>

  <!-- Search and Filter Form -->
  <form method="GET" class="mb-3" id="filter-form">
    <div class="row">
      <div class="col-md-4">
        <input type="text" name="search" class="form-
control" placeholder="Cari Customer" value="<?php echo $search;
?>">
      </div>
      <div class="col-md-3">
        <input type="date" name="start_date" class="form-
control" value="<?php echo $start_date; ?>">
      </div>
      <div class="col-md-3">
        <input type="date" name="end_date" class="form-
control" value="<?php echo $end_date; ?>">
      </div>
    </div>
  </form>

  <table class="table table-bordered">
    <thead class="table-light">
      <tr>
        <th><center>NO</center></th>
        <th><center>No Transaksi</center></th>
        <th><center>Nama Customer</center></th>
        <th><center>Tanggal Transaksi</center></th>
        <th><center>No Faktur Penjualan</center></th>
        <th><center>Jumlah Pembayaran</center></th>
      </tr>
    </thead>
    <tbody>
      <?php
      $no = 1;
      foreach ($pelunasan as $row): ?>
        <tr>
          <td><center><?php echo $no++; ?></center></td>
          <td><center><?php echo $row['id_pelunasan'];
?></center></td>
          <td><?php echo $row['nama_customer']; ?></td>
          <td><center><?php echo $row['tgl_pelunasan'];
?></center></td>
          <td><center><?php echo $row['id_penjualan'];
?></center></td>
          <td><center><?php echo
number_format($row['jml_pembayaran'], 2); ?></center></td>
        </tr>
      <?php endforeach; ?>
    </tbody>
  </table>

```

```

        <tfoot>
        <tr>
        <th colspan="5"><center>Total
Pelunasan</center></th>
        <th><center><?php echo
number_format($total_pelunasan, 2); ?></center></th>
        </tr>
        </tfoot>
        </table>
    </div>
    <!-- Bootstrap JS Bundle -->
    <script
src="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>
    </body>
</html>

```

Input Pelunasan

```

<?php
require '../auth.php';
require '../koneksi.php';

// Handle AJAX request
if (isset($_GET['get_all_transactions'])) {
    $sql = "SELECT p.id_penjualan, p.tgl_jual, p.jml_piutang,
c.nama_customer
        FROM penjualan_kredit p
        JOIN customer c ON p.id_customer = c.id_customer
        WHERE p.jml_piutang > 0";

    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        $transactions = [];
        while ($row = $result->fetch_assoc()) {
            $transactions[] = $row;
        }
        echo json_encode($transactions);
    } else {
        echo json_encode(['error' => 'No transactions found']);
    }
    exit;
}

// Process form submission
if (isset($_POST['submit'])) {
    $id_pelunasan = $_POST['id_pelunasan'];
    $tgl_pelunasan = $_POST['tgl_pelunasan'];
    $id_penjualan = $_POST['id_penjualan'];
    $jml_pembayaran = $_POST['jml_pembayaran'];
}

```



```

                <input type="text" class="form-
control" id="id_penjualan" name="id_penjualan" required
readonly>
                <button type="button" class="btn
btn-info" id="searchTransaction">Cari Transaksi</button>
            </div>
        </div>
    </div>

    <div class="mb-3 row">
        <label for="jml_pembayaran" class="col-sm-2
col-form-label">Jumlah Pembayaran</label>
        <div class="col-sm-10">
            <input type="number" class="form-
control" id="jml_pembayaran" name="jml_pembayaran" required>
        </div>
    </div>

    <div class="d-flex justify-content-end">
        <button type="submit" name="submit"
class="btn btn-primary me-2">Simpan</button>
        <a href="pelunasan.php" class="btn btn-
danger">Kembali</a>
    </div>
</form>
</div>
</div>
</div>

<!-- Modal -->
<div class="modal fade" id="transactionModal" tabindex="-1"
aria-labelledby="transactionModalLabel" aria-hidden="true">
    <div class="modal-dialog modal-lg">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title"
id="transactionModalLabel">Pilih Transaksi Penjualan</h5>
                <button type="button" class="btn-close" data-bs-
dismiss="modal" aria-label="Close"></button>
            </div>
            <div class="modal-body">
                <table class="table table-bordered"
id="transactionTable">
                    <thead>
                        <tr>
                            <th>No Penjualan</th>
                            <th>Tanggal Jual</th>
                            <th>Jumlah Piutang</th>
                            <th>Nama Customer</th>
                            <th>Pilih</th>
                        </tr>
                    </thead>
                    <tbody>
                        <!-- Data transaksi akan dimuat di sini
-->
                    </tbody>
                </table>
            </div>
        </div>
    </div>
</div>

```

```

        </table>
    </div>
</div>
</div>
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>
<script>
document.getElementById('searchTransaction').addEventListener('c
lick', function() {
    var xhr = new XMLHttpRequest();
    xhr.open('GET',


```

```

        document.getElementById('id_penjualan').
value = id_penjualan;
        var modal =
bootstrap.Modal.getInstance(document.getElementById('transaction
Modal'));
        modal.hide();
    });
    });
}
var transactionModal = new
bootstrap.Modal(document.getElementById('transactionModal'),
{});
transactionModal.show();
}
};
xhr.send();
});
</script>
</body>
</html>

```

Kartu Piutang

```

<?php
// Import koneksi
require '../koneksi.php';
require '../auth.php';

// Memeriksa apakah ada parameter pencarian
$search = isset($_GET['search']) ? $_GET['search'] : '';

// Query untuk mengambil data kartu piutang untuk customer
berdasarkan pencarian
$sql = "
    SELECT
        c.id_customer,
        c.nama_customer,
        c.alamat,
        c.no_telp,
        pk.tgl_jual AS tanggal,
        CONCAT('Penjualan ', pk.id_penjualan) AS keterangan,
        pk.jml_piutang AS debit,
        0 AS kredit,
        pk.id_penjualan AS transaksi_id
    FROM
        customer c
        JOIN penjualan_kredit pk ON c.id_customer =
pk.id_customer
    WHERE
        c.nama_customer LIKE '%$search%'

    UNION ALL

```

```

SELECT
    c.id_customer,
    c.nama_customer,
    c.alamat,
    c.no_telp,
    p.tgl_pelunasan AS tanggal,
    CONCAT('Pembayaran ', p.id_pelunasan) AS keterangan,
    0 AS debit,
    p.jml_pembayaran AS kredit,
    p.id_pelunasan AS transaksi_id
FROM
    customer c
    JOIN penjualan_kredit pk ON c.id_customer =
pk.id_customer
    JOIN pelunasan p ON pk.id_penjualan = p.id_penjualan
WHERE
    c.nama_customer LIKE '%$search%'

ORDER BY
    id_customer, tanggal, transaksi_id;
";

$result = $conn->query($sql);

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Kartu Piutang</title>
    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet">
    <style>
        .card {
            margin-bottom: 20px;
        }
        .card-body h5 {
            margin-bottom: 10px;
        }
        .table {
            table-layout: fixed;
            width: 100%;
        }
        .table th, .table td {
            text-align: center;
            vertical-align: middle;
            word-wrap: break-word;
        }
        .input-group .form-control {
            width: 250px;
        }
    </style>

```

```

        .input-group .btn {
            margin-left: 10px;
        }
    </style>
</head>
<body>
    <div class="container mt-4">
        <div class="row">
            <div class="col-md-12">
                <h3 class="mb-2 text-center">Kartu Piutang</h3>
                <h4 class="mb-4 text-center">UD Gusniar
Kayu</h4>

                <div class="d-flex justify-content-end mb-3">
                    <form class="form-inline" method="GET"
action="">
                        <div class="input-group">
                            <input type="text" name="search"
class="form-control" placeholder="Cari nama customer"
value="<?php echo htmlspecialchars($search); ?>">
                            <button type="submit" class="btn
btn-primary">Cari</button>
                        </div>
                    </form>

                    <a href="export.php" class="btn btn-success
ms-2">Cetak</a>
                </div>
                <?php if ($result->num_rows > 0) : ?>
                    <?php
                    $current_customer_id = null;
                    $saldo = 0;
                    ?>
                    <?php while ($row = $result->fetch_assoc())
: ?>
                        <?php if ($row['id_customer'] !==
$current_customer_id) : ?>
                            <?php // Tampilkan kartu piutang
untuk customer baru ?>
                            <?php if ($current_customer_id !==
null) : ?>
                                </tbody>
                                </table>
                            </div>
                            </div>
                            <hr>
                            <?php endif; ?>
                            <?php
                            $current_customer_id =
$current_customer_id;
                            $saldo = 0;
                            ?>
                            <div class="card">
                                <div class="card-body">
                                    <h5 class="card-title">Kartu
Piutang - <?php echo $row['nama_customer']; ?></h5>

```

```

        <p class="card-text">Alamat:
<?php echo $row['alamat']; ?></p>
        <p class="card-text">Nomor
Telepon: <?php echo $row['no_telp']; ?></p>
        </div>
        <div class="card-body">
            <table class="table table-
bordered">
                <thead>
                    <tr>
                        <th>Tanggal</th>
                        <th>Keterangan</
th>
                        <th>Debit</th>
                        <th>Kredit</th>
                        <th>Saldo</th>
                    </tr>
                </thead>
                <tbody>
                    <?php endif; ?>
                    <tr>
                        <td><?php echo $row['tanggal'];
?></td>
                        <td><?php echo $row['keterangan'];
?></td>
                        <td><?php echo
number_format($row['debit'], 0, ',', '.'); ?></td>
                        <td><?php echo
number_format($row['kredit'], 0, ',', '.'); ?></td>
                        <?php
                        $saldo += $row['debit'] -
                        $row['kredit'];
                        ?>
                        <td><?php echo number_format($saldo,
0, ',', '.'); ?></td>
                    </tr>
                <?php endwhile; ?>
                </tbody>
            </table>
        </div>
    </div>
    <?php else : ?>
    <div class="alert alert-warning" role="alert">
        Tidak ada data kartu piutang untuk customer ini.
    </div>
    <?php endif; ?>
</div>
</div>
</div>
<!-- Bootstrap JS (optional) -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js"></script>
</body>
</html>

```

Tampilan Umur Piutang

```
<?php
require '../koneksi.php';
require '../auth.php';

// Function to calculate the due date based on terms
function calculateDueDate($tgl_jual, $termin) {
    $dueDate = new DateTime($tgl_jual);

    if (strpos($termin, 'Net') !== false) {
        $netDays = (int) filter_var($termin,
FILTER_SANITIZE_NUMBER_INT);
        $dueDate->modify("+ $netDays days");
    } elseif ($termin == 'EOM') {
        $dueDate->modify('last day of this month');
    } elseif (strpos($termin, '/') !== false) {
        list($discount, $discountDays, $netDays) =
sscanf($termin, "%d/%d,n/%d");
        $dueDate->modify("+ $netDays days");
    }

    return $dueDate;
}

// Function to calculate the status of receivables
function calculateStatus($dueDate) {
    $today = new DateTime();
    $diff = $today->diff($dueDate);
    if ($dueDate > $today) {
        return "Belum Jatuh Tempo";
    } else {
        return "Menunggak " . $diff->days . " hari";
    }
}

// Initialize variables
$searchTerm = '';
if (isset($_GET['search'])) {
    $searchTerm = $_GET['search'];
}

// Query to get sales credit data excluding fully paid invoices,
ordered by id_customer
$query = "SELECT pk.id_penjualan, pk.tgl_jual, pk.termin,
pk.jml_piutang, c.id_customer, c.nama_customer, c.alamat,
COALESCE(SUM(p.jml_pembayaran), 0) AS
total_pembayaran
FROM penjualan_kredit pk
JOIN customer c ON pk.id_customer = c.id_customer
LEFT JOIN pelunasan p ON pk.id_penjualan =
p.id_penjualan
WHERE pk.jml_piutang > 0
AND pk.jml_piutang > COALESCE((SELECT
SUM(jml_pembayaran) FROM pelunasan WHERE id_penjualan =
pk.id_penjualan), 0)";
```

```

if (!empty($searchTerm)) {
    $query .= " AND c.nama_customer LIKE '%$searchTerm%'";
}

$query .= " GROUP BY pk.id_penjualan, c.id_customer,
c.nama_customer, c.alamat
ORDER BY c.id_customer";

$result = mysqli_query($conn, $query);

$customerReceivables = [];

while ($row = mysqli_fetch_assoc($result)) {
    $dueDate = calculateDueDate($row['tgl_jual'],
$row['termin']);
    $status = calculateStatus($dueDate);
    $remainingBalance = $row['jml_piutang'] -
$row['total_pembayaran'];

    $customerReceivables[$row['id_customer']]['customer_name'] =
$row['nama_customer'];
    $customerReceivables[$row['id_customer']]['alamat'] =
$row['alamat'];
    $customerReceivables[$row['id_customer']]['receivables'][] =
[
        'id_penjualan' => $row['id_penjualan'],
        'tgl_jual' => $row['tgl_jual'],
        'termin' => $row['termin'],
        'jml_piutang' => $remainingBalance,
        'due_date' => $dueDate->format('Y-m-d'),
        'status' => $status
    ];
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Kartu Piutang</title>
    <link
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootst
rap.min.css" rel="stylesheet">
    <style>
        .customer-info {
            font-weight: bold;
            margin-bottom: 10px;
        }
        .customer-info .row {
            display: flex;
        }
        .customer-info .row .label {
            width: 150px; /* Adjust width as needed */

```



```

    }
    .customer-info .row .value {
        margin-left: 10px; /* Add margin to the value */
    }
    .position {
        float: right;
    }
</style>
</head>
<body>
<div class="container mt-5">
    <h3 class="mb-2 text-center">Umur Piutang</h3>
    <h4 class="mb-4 text-center">UD GUSNIAR KAYU</h4>
    <form class="form-inline mb-4" method="GET">
        <input class="form-control mr-sm-2 position"
type="search" placeholder="Cari berdasarkan nama customer" aria-
label="Search" name="search" value="<?=  

htmlspecialchars($searchTerm) ?>">
        <button class="btn btn-outline-primary my-2 my-sm-0"
type="submit">Cari</button>
    </form>

    <?php foreach ($customerReceivables as $customerId =>
$customerData): ?>
        <div class="mb-4">
            <table class="table table-bordered">
                <thead>
                    <tr>
                        <th colspan="7" class="bg-light">
                            <div class="customer-info">
                                <div class="row">
                                    <div class="label">ID
Customer</div><div class="value">: <?=  

htmlspecialchars($customerId) ?></div>
                                </div>
                                <div class="row">
                                    <div class="label">Nama
Customer</div><div class="value">: <?=  

htmlspecialchars($customerData['customer_name']) ?></div>
                                </div>
                                <div class="row">
                                    <div
class="label">Alamat</div><div class="value">: <?=  

htmlspecialchars($customerData['alamat']) ?></div>
                                </div>
                            </th>
                        </tr>
                    <tr class="thead-dark">
                        <th>No Faktur</th>
                        <th>Tanggal Penjualan</th>
                        <th>Termin</th>
                        <th>Jumlah Piutang</th>
                        <th>Jatuh Tempo</th>
                        <th>Status Piutang</th>
                    </tr>
                </thead>
            </table>

```

```

        </thead>
        <tbody>
            <?php foreach ($customerData['receivables']
as $receivable): ?>
                <tr>
                    <td><?=
htmlspecialchars($receivable['id_penjualan']) ?></td>
                    <td><?=
htmlspecialchars($receivable['tgl_jual']) ?></td>
                    <td><?=
htmlspecialchars($receivable['termin']) ?></td>
                    <td><?=
htmlspecialchars($receivable['jml_piutang']) ?></td>
                    <td><?=
htmlspecialchars($receivable['due_date']) ?></td>
                    <td><?=
htmlspecialchars($receivable['status']) ?></td>
                </tr>
            <?php endforeach; ?>
        </tbody>
    </table>
</div>
<?php endforeach; ?>
</div>
<script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/
popper.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstra
p.min.js"></script>
</body>
</html>

```

Input Persentase Kerugian

```

<?php
// Koneksi ke database
require '../koneksi.php';

// Cek koneksi
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Fungsi untuk menghitung tanggal jatuh tempo
function get_due_date($tgl_jual, $termin) {
    if (strpos($termin, 'Net') !== false) {
        $days = (int) filter_var($termin,
FILTER_SANITIZE_NUMBER_INT);
        return date('Y-m-d', strtotime("$tgl_jual + $days
days"));
    } elseif (strpos($termin, 'EOM') !== false) {
        return date('Y-m-t', strtotime($tgl_jual));
    }
}

```

```

    }
    return $tgl_jual;
}

// Proses form saat data dikirim
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Ambil tanggal analisis dan persentase kerugian dari form
    input
    $tgl_perhitungan = $_POST['tgl_perhitungan'];
    $persen1 = $_POST['persen1'];
    $persen2 = $_POST['persen2'];
    $persen3 = $_POST['persen3'];
    $persen4 = $_POST['persen4'];
    $persen5 = $_POST['persen5'];

    // Inisialisasi total kerugian untuk setiap kategori
    $total_kerugian1 = 0;
    $total_kerugian2 = 0;
    $total_kerugian3 = 0;
    $total_kerugian4 = 0;
    $total_kerugian5 = 0;

    // Ambil data penjualan kredit dan hitung umur piutang
    $sql = "SELECT id_penjualan, tgl_jual, termin,
total_penjualan, uang_muka, jml_piutang FROM penjualan_kredit";
    $result = $conn->query($sql);

    while ($row = $result->fetch_assoc()) {
        $id_penjualan = $row['id_penjualan'];
        $tgl_jual = $row['tgl_jual'];
        $termin = $row['termin'];
        $total_penjualan = $row['total_penjualan'];
        $uang_muka = $row['uang_muka'];
        $jml_piutang = $row['jml_piutang'];

        $due_date = get_due_date($tgl_jual, $termin);
        $age = (strtotime($tgl_perhitungan) -
strtotime($due_date)) / (60 * 60 * 24);

        if ($age <= 0) {
            $total_kerugian1 += $jml_piutang * $persen1 / 100;
        } elseif ($age <= 30) {
            $total_kerugian2 += $jml_piutang * $persen2 / 100;
        } elseif ($age <= 60) {
            $total_kerugian3 += $jml_piutang * $persen3 / 100;
        } elseif ($age <= 90) {
            $total_kerugian4 += $jml_piutang * $persen4 / 100;
        } else {
            $total_kerugian5 += $jml_piutang * $persen5 / 100;
        }
    }

    // Hitung total taksiran kerugian
    $taksiran_kerugian = $total_kerugian1 + $total_kerugian2 +
$total_kerugian3 + $total_kerugian4 + $total_kerugian5;
}

```

```

// Simpan hasil analisis ke tabel kerugian_piutang
$sql_insert = "INSERT INTO kerugian_piutang
(tgl_perhitungan, persen1, persen2, persen3, persen4, persen5,
kerugian1, kerugian2, kerugian3, kerugian4, kerugian5,
taksiran_kerugian)
VALUES ('$tgl_perhitungan', $persen1,
$persen2, $persen3, $persen4, $persen5, $total_kerugian1,
$total_kerugian2, $total_kerugian3, $total_kerugian4,
$total_kerugian5, $taksiran_kerugian)";
if ($conn->query($sql_insert) === TRUE) {
    echo "<div class='alert alert-success'
role='alert'>Analisis kerugian piutang telah disimpan.</div>";
} else {
    echo "<div class='alert alert-danger'
role='alert'>Error: " . $sql_insert . "<br>" . $conn->error .
"</div>";
}
}

$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Analisis Kerugian Piutang</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
</head>
<body>
    <div class="container mt-5">
        <h1 class="mb-4">Analisis Kerugian Piutang</h1>
        <form action="" method="post">
            <div class="form-group">
                <label for="tgl_perhitungan">Tanggal
Analisis:</label>
                <input type="date" id="tgl_perhitungan"
name="tgl_perhitungan" class="form-control" required>
            </div>

            <div class="form-group">
                <label for="persen1">Persen Belum Jatuh
Tempo:</label>
                <input type="number" id="persen1" name="persen1"
class="form-control" step="0.01" required>
            </div>

            <div class="form-group">
                <label for="persen2">Persen 1-30 Hari:</label>
                <input type="number" id="persen2" name="persen2"
class="form-control" step="0.01" required>
            </div>

```

```

        <div class="form-group">
            <label for="persen3">Persen 31-60 Hari:</label>
            <input type="number" id="persen3" name="persen3"
class="form-control" step="0.01" required>
        </div>

        <div class="form-group">
            <label for="persen4">Persen 61-90 Hari:</label>
            <input type="number" id="persen4" name="persen4"
class="form-control" step="0.01" required>
        </div>

        <div class="form-group">
            <label for="persen5">Persen Lebih dari 90
Hari:</label>
            <input type="number" id="persen5" name="persen5"
class="form-control" step="0.01" required>
        </div>

        <button type="submit" class="btn btn-primary">Hitung
Kerugian</button>
    </form>
</div>

    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/
popper.min.js"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootst
rap.min.js"></script>
</body>
</html>

```

Tampilan Analisis Umur Piutang

```

<?php
// Koneksi ke database (sesuaikan dengan konfigurasi Anda)
require '../koneksi.php';

// Fungsi untuk menghitung jatuh tempo berdasarkan termin
pembayaran
function hitungJatuhTempo($tgl_jual, $termin) {
    if (strpos($termin, 'EOM') !== false) {
        return date('Y-m-t', strtotime($tgl_jual)); // Akhir
bulan
    } elseif (strpos($termin, 'Net') !== false) {
        $days = (int)filter_var($termin,
FILTER_SANITIZE_NUMBER_INT);
        return date('Y-m-d', strtotime("$tgl_jual + $days
days"));
    }
}

```

```

    } elseif (preg_match('/(\d+)\./(\d+),\s*n\./(\d+)/', $termin,
$matches)) {
        $discountDays = $matches[1];
        $netDays = $matches[3];
        return date('Y-m-d', strtotime("$tgl_jual + $netDays
days"));
    } else {
        return $tgl_jual; // Jika termin tidak dikenali,
kembalikan tanggal jual
    }
}

// Query untuk mengambil data umur piutang
$query = "
SELECT
    c.nama_customer AS Nama,
    pk.tgl_jual,
    pk.termin,
    pk.jml_piutang,
    COALESCE(pl.jml_pembayaran, 0) AS jml_pembayaran,
    pk.id_penjualan
FROM
    customer c
    LEFT JOIN penjualan_kredit pk ON c.id_customer =
pk.id_customer
    LEFT JOIN pelunasan pl ON pk.id_penjualan =
pl.id_penjualan
WHERE pk.id_penjualan IS NOT NULL
";

$result = $conn->query($query);
if (!$result) {
    die("Query gagal: " . $conn->error);
}

$data_piutang = [];
while ($row = $result->fetch_assoc()) {
    $jatuh_tempo = hitungJatuhTempo($row['tgl_jual'],
$row['termin']);
    $days_overdue = (new DateTime())->diff(new
DateTime($jatuh_tempo))->days;
    if (new DateTime() > new DateTime($jatuh_tempo)) {
        $days_overdue = -$days_overdue;
    }

    if (!isset($data_piutang[$row['Nama']])) {
        $data_piutang[$row['Nama']] = [
            'TotalPiutang' => 0,
            'BelumJatuhTempo' => 0,
            'Hari0_30' => 0,
            'Hari31_60' => 0,
            'Hari61_90' => 0,
            'Lebih90' => 0,
            'id_penjualan' => $row['id_penjualan']
        ];
    }
}

```

```

        $total_piutang = $row['jml_piutang'] -
        $row['jml_pembayaran'];
        $data_piutang[$row['Nama']]['TotalPiutang'] +=
        $total_piutang;
        if ($days_overdue > 0) {
            $data_piutang[$row['Nama']]['BelumJatuhTempo'] +=
            $total_piutang;
        } elseif ($days_overdue >= -30 && $days_overdue <= 0) {
            $data_piutang[$row['Nama']]['Hari0_30'] +=
            $total_piutang;
        } elseif ($days_overdue >= -60 && $days_overdue < -30) {
            $data_piutang[$row['Nama']]['Hari31_60'] +=
            $total_piutang;
        } elseif ($days_overdue >= -90 && $days_overdue < -60) {
            $data_piutang[$row['Nama']]['Hari61_90'] +=
            $total_piutang;
        } else {
            $data_piutang[$row['Nama']]['Lebih90'] +=
            $total_piutang;
        }
    }

    // Hitung total umur piutang
    $totalPiutang = 0;
    $totalBelumJatuhTempo = 0;
    $total1_30Hari = 0;
    $total31_60Hari = 0;
    $total61_90Hari = 0;
    $totalDiatas90Hari = 0;

    foreach ($data_piutang as $nama => $data) {
        $totalPiutang += $data['TotalPiutang'];
        $totalBelumJatuhTempo += $data['BelumJatuhTempo'];
        $total1_30Hari += $data['Hari0_30'];
        $total31_60Hari += $data['Hari31_60'];
        $total61_90Hari += $data['Hari61_90'];
        $totalDiatas90Hari += $data['Lebih90'];
    }

    $conn->close();
    ?>

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Analisis Umur Piutang</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
</head>

```

```

<body>
  <div class="container mt-4">
    <h2 class="mb-4 text-center">Analisis Umur Piutang</h2>
    <h3 class="mb-4 text-center">UD GUSNIAR KAYU</h3>
    <div class="table-responsive mb-4">
      <table class="table table-bordered">
        <thead>
          <tr>
            <th>Nama</th>
            <th>Total Piutang (Rp)</th>
            <th>Belum Jatuh Tempo (Rp)</th>
            <th>Menunggak 1-30 Hari (Rp)</th>
            <th>Menunggak 31-60 Hari (Rp)</th>
            <th>Menunggak 61-90 Hari (Rp)</th>
            <th>Menunggak > 90 Hari (Rp)</th>
          </tr>
        </thead>
        <tbody>
          <?php foreach ($data_piutang as $nama =>
$data): ?>
            <tr>
              <td><?php echo htmlspecialchars($nama);
?></td>
              <td><?php echo
number_format($data['TotalPiutang'], 2); ?></td>
              <td><?php echo
number_format($data['BelumJatuhTempo'], 2); ?></td>
              <td><?php echo
number_format($data['Hari0_30'], 2); ?></td>
              <td><?php echo
number_format($data['Hari31_60'], 2); ?></td>
              <td><?php echo
number_format($data['Hari61_90'], 2); ?></td>
              <td><?php echo
number_format($data['Lebih90'], 2); ?></td>
            </tr>
          <?php endforeach; ?>
          <tr>
            <th>Total</th>
            <th><?php echo
number_format($totalPiutang, 2); ?></th>
            <th><?php echo
number_format($totalBelumJatuhTempo, 2); ?></th>
            <th><?php echo
number_format($total1_30Hari, 2); ?></th>
            <th><?php echo
number_format($total31_60Hari, 2); ?></th>
            <th><?php echo
number_format($total61_90Hari, 2); ?></th>
            <th><?php echo
number_format($totalDiatas90Hari, 2); ?></th>
          </tr>
        </tbody>
      </table>
    </div>
    <a href="" class="btn btn-success">Cetak</a>
  </div>

```



```

    </div>
    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/
popper.min.js"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/boots
trap.min.js"></script>
</body>

</html>

```

Input Kerugian

```

<?php
// Koneksi ke database (sesuaikan dengan konfigurasi Anda)
require '../koneksi.php';

// Fungsi untuk menghitung jatuh tempo berdasarkan termin
pembayaran
function hitungJatuhTempo($tgl_jual, $termin) {
    if (strpos($termin, 'EOM') !== false) {
        return date('Y-m-t', strtotime($tgl_jual)); // Akhir
bulan
    } elseif (strpos($termin, 'Net') !== false) {
        $days = (int)filter_var($termin,
FILTER_SANITIZE_NUMBER_INT);
        return date('Y-m-d', strtotime("$tgl_jual + $days
days"));
    } elseif (preg_match('/(\d+)\ (\d+),\s*n\ (\d+)/', $termin,
$matches)) {
        // Mengambil termin a/b, n/x (misal 2/10, n/30)
        $discountDays = $matches[1];
        $netDays = $matches[3];
        return date('Y-m-d', strtotime("$tgl_jual + $netDays
days"));
    } else {
        return $tgl_jual; // Jika termin tidak dikenali,
kembalikan tanggal jual
    }
}

// Query untuk mengambil data umur piutang
$query = "
SELECT
    c.nama_customer AS Nama,
    pk.tgl_jual,
    pk.termin,
    pk.jml_piutang,
    COALESCE(pl.jml_pembayaran, 0) AS jml_pembayaran,
    pk.id_penjualan
FROM
    customer c

```

```

        LEFT JOIN penjualan_kredit pk ON c.id_customer =
pk.id_customer
        LEFT JOIN pelunasan pl ON pk.id_penjualan =
pl.id_penjualan
        WHERE pk.id_penjualan IS NOT NULL
";

$result = $conn->query($query);
if (!$result) {
    die("Query gagal: " . $conn->error);
}

$data_piutang = [];
while ($row = $result->fetch_assoc()) {
    $jatuh_tempo = hitungJatuhTempo($row['tgl_jual'],
$row['termin']);
    $days_overdue = (new DateTime())->diff(new
DateTime($jatuh_tempo))->days;
    if (new DateTime() > new DateTime($jatuh_tempo)) {
        $days_overdue = -$days_overdue;
    }

    if (!isset($data_piutang[$row['Nama']])) {
        $data_piutang[$row['Nama']] = [
            'TotalPiutang' => 0,
            'BelumJatuhTempo' => 0,
            'Hari0_30' => 0,
            'Hari31_60' => 0,
            'Hari61_90' => 0,
            'Lebih90' => 0,
            'id_penjualan' => $row['id_penjualan']
        ];
    }

    $total_piutang = $row['jml_piutang'] -
$row['jml_pembayaran'];
    $data_piutang[$row['Nama']]['TotalPiutang'] +=
$total_piutang;
    if ($days_overdue > 0) {
        $data_piutang[$row['Nama']]['BelumJatuhTempo'] +=
$total_piutang;
    } elseif ($days_overdue >= -30 && $days_overdue <= 0) {
        $data_piutang[$row['Nama']]['Hari0_30'] +=
$total_piutang;
    } elseif ($days_overdue >= -60 && $days_overdue < -30) {
        $data_piutang[$row['Nama']]['Hari31_60'] +=
$total_piutang;
    } elseif ($days_overdue >= -90 && $days_overdue < -60) {
        $data_piutang[$row['Nama']]['Hari61_90'] +=
$total_piutang;
    } else {
        $data_piutang[$row['Nama']]['Lebih90'] +=
$total_piutang;
    }
}

```

```

// Hitung total umur piutang
$totalPiutang = 0;
$totalBelumJatuhTempo = 0;
$total1_30Hari = 0;
$total31_60Hari = 0;
$total61_90Hari = 0;
$totalDiatas90Hari = 0;

foreach ($data_piutang as $nama => $data) {
    $totalPiutang += $data['TotalPiutang'];
    $totalBelumJatuhTempo += $data['BelumJatuhTempo'];
    $total1_30Hari += $data['Hari0_30'];
    $total31_60Hari += $data['Hari31_60'];
    $total61_90Hari += $data['Hari61_90'];
    $totalDiatas90Hari += $data['Lebih90'];
}

// if ($_SERVER['REQUEST_METHOD'] === 'POST') {
//     $periode_analisis = $_POST['analysis_date'];
//     $taksiran_kerugian = $_POST['total_taksiran'];

//     $stmt = $conn->prepare("INSERT INTO analisis_umur_piutang
(periode_analisis, total_piutang, belum_jatuh_tempo, hari_1_30,
hari_31_60, hari_61_90, lebih_dari_90, taksiran_kerugian,
id_penjualan) VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?)");
//     foreach ($data_piutang as $nama => $data) {
//         $stmt->bind_param('siiiiiiiis', $periode_analisis,
$data['TotalPiutang'], $data['BelumJatuhTempo'],
$data['Hari0_30'], $data['Hari31_60'], $data['Hari61_90'],
$data['Lebih90'], $taksiran_kerugian, $data['id_penjualan']);
//         $stmt->execute();
//     }
//     $stmt->close();
//     $conn->close();
//     echo "<script>alert('Data berhasil disimpan');</script>";
// }
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $periode_analisis = $_POST['analysis_date'];
    $taksiran_kerugian = $_POST['total_taksiran'];
    $taksiran_belum_jatuh_tempo =
$_POST['taksiran_belum_jatuh_tempo'];
    $taksiran1_30Hari = $_POST['taksiran_1_30_hari'];
    $taksiran31_60Hari = $_POST['taksiran_31_60_hari'];
    $taksiran61_90Hari = $_POST['taksiran_61_90_hari'];
    $taksiranDiatas90Hari = $_POST['taksiran_diatas_90_hari'];

    $stmt = $conn->prepare("INSERT INTO kerugian_piutang
(tgl_perhitungan, total_piutang, belum_jatuh_tempo, nunggak1,
nunggak2, nunggak3, nunggak4, taksiran_kerugian, id_penjualan,
kerugian1, kerugian2, kerugian3, kerugian4, kerugian5) VALUES
(?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)");
    $stmt->bind_param(
        'siiiiiiiissssss',
        $periode_analisis,
        $totalPiutang,
        $totalBelumJatuhTempo,

```

```

        $total1_30Hari,
        $total31_60Hari,
        $total61_90Hari,
        $totalDiatas90Hari,
        $taksiran_kerugian,
        $data['id_penjualan'], // You can choose any
id_penjualan for a single insert
        $taksiran_belum_jatuh_tempo,
        $taksiran1_30Hari,
        $taksiran31_60Hari,
        $taksiran61_90Hari,
        $taksiranDiatas90Hari
    );
    $stmt->execute();

    $stmt->close();
    $conn->close();
    echo "<script>alert('Data berhasil disimpan');</script>";
}

?>

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Perhitungan Taksiran Kerugian Piutang</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
    <script>
        function calculateEstimations() {
            const belumJatuhTempo = <?php echo
$totalBelumJatuhTempo; ?>;
            const hari0_30 = <?php echo $total1_30Hari; ?>;
            const hari31_60 = <?php echo $total31_60Hari; ?>;
            const hari61_90 = <?php echo $total61_90Hari; ?>;
            const lebih90 = <?php echo $totalDiatas90Hari; ?>;

            const prosenBelumJatuhTempo =
parseFloat(document.querySelector('input[name="prosen_belum_jatu
h_tempo"]').value) || 0;
            const prosen1_30Hari =
parseFloat(document.querySelector('input[name="prosen_1_30_hari"
]').value) || 0;
            const prosen31_60Hari =
parseFloat(document.querySelector('input[name="prosen_31_60_hari
"]').value) || 0;
            const prosen61_90Hari =
parseFloat(document.querySelector('input[name="prosen_61_90_hari
"]').value) || 0;

```



```

        <label for="total_taksiran" class="col-sm-3 col-form-label">Total Taksiran Kerugian</label>
        <div class="col-sm-9">
            <input type="text" class="form-control" id="total_taksiran" name="total_taksiran" readonly>
        </div>
    </div>
    <div class="form-group row">
        <label class="col-sm-3 col-form-label">Persentase</label>
        <div class="col-sm-9">
            <div class="form-row">
                <div class="col-md-6 mb-3">
                    <label
for="prosen_belum_jatuh_tempo">Belum Jatuh Tempo (%)</label>
                    <input type="number"
class="form-control" id="prosen_belum_jatuh_tempo"
name="prosen_belum_jatuh_tempo" step="0.01" min="0" max="100"
onchange="calculateEstimations()" ">
                </div>
                <div class="col-md-6 mb-3">
                    <label
for="taksiran_belum_jatuh_tempo">Taksiran Belum Jatuh
Tempo</label>
                    <input type="text"
class="form-control" id="taksiran_belum_jatuh_tempo"
name="taksiran_belum_jatuh_tempo" readonly>
                </div>
                <div class="col-md-6 mb-3">
                    <label
for="prosen_1_30_hari">1-30 Hari (%)</label>
                    <input type="number"
class="form-control" id="prosen_1_30_hari"
name="prosen_1_30_hari" step="0.01" min="0" max="100"
onchange="calculateEstimations()" ">
                </div>
                <div class="col-md-6 mb-3">
                    <label
for="taksiran_1_30_hari">Taksiran 1-30 Hari</label>
                    <input type="text"
class="form-control" id="taksiran_1_30_hari"
name="taksiran_1_30_hari" readonly>
                </div>
                <div class="col-md-6 mb-3">
                    <label
for="prosen_31_60_hari">31-60 Hari (%)</label>
                    <input type="number"
class="form-control" id="prosen_31_60_hari"
name="prosen_31_60_hari" step="0.01" min="0" max="100"
onchange="calculateEstimations()" ">
                </div>
                <div class="col-md-6 mb-3">
                    <label
for="taksiran_31_60_hari">Taksiran 31-60 Hari</label>

```

```

                <input type="text"
class="form-control" id="taksiran_31_60_hari"
name="taksiran_31_60_hari" readonly>
            </div>
            <div class="col-md-6 mb-3">
                <label
for="prosen_61_90_hari">61-90 Hari (%)</label>
                <input type="number"
class="form-control" id="prosen_61_90_hari"
name="prosen_61_90_hari" step="0.01" min="0" max="100"
onchange="calculateEstimations()" >
            </div>
            <div class="col-md-6 mb-3">
                <label
for="taksiran_61_90_hari">Taksiran 61-90 Hari</label>
                <input type="text"
class="form-control" id="taksiran_61_90_hari"
name="taksiran_61_90_hari" readonly>
            </div>
            <div class="col-md-6 mb-3">
                <label
for="prosen_diatas_90_hari">Lebih dari 90 Hari (%)</label>
                <input type="number"
class="form-control" id="prosen_diatas_90_hari"
name="prosen_diatas_90_hari" step="0.01" min="0" max="100"
onchange="calculateEstimations()" >
            </div>
            <div class="col-md-6 mb-3">
                <label
for="taksiran_diatas_90_hari">Taksiran Lebih dari 90
Hari</label>
                <input type="text"
class="form-control" id="taksiran_diatas_90_hari"
name="taksiran_diatas_90_hari" readonly>
            </div>
        </div>
        </div>
        </div>
        <button type="submit" class="btn btn-
primary">Simpan</button>
        <a href="kerugian.php" class="btn btn-
danger">Kembali</a>
    </form>

</div>
</div>
</div>
<script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.3/dist/umd/
popper.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/boots
trap.min.js"></script>
</body>

```

```
</html>
```

Tampilan Taksiran Kerugian Piutang

```
<?php
// Koneksi ke database
require '../koneksi.php';

// Periksa koneksi
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Mendapatkan daftar tanggal yang tersedia
$sql_dates = "SELECT DISTINCT tgl_perhitungan FROM
kerugian_piutang ORDER BY tgl_perhitungan";
$result_dates = $conn->query($sql_dates);

$tanggal_tersedia = [];
if ($result_dates->num_rows > 0) {
    while ($row = $result_dates->fetch_assoc()) {
        $tanggal_tersedia[] = $row['tgl_perhitungan'];
    }
}

// Mendapatkan tanggal yang dipilih dari formulir, jika ada
$tanggal_dipilih = isset($_POST['tanggal']) ? $_POST['tanggal']
: '';

// Query untuk mengambil data berdasarkan tanggal yang dipilih
$sql = "SELECT
        tgl_perhitungan,
        total_piutang,
        belum_jatuh_tempo,
        nunggak1,
        nunggak2,
        nunggak3,
        nunggak4,
        kerugian1,
        kerugian2,
        kerugian3,
        kerugian4,
        kerugian5,
        taksiran_kerugian
    FROM kerugian_piutang";

if ($tanggal_dipilih && $tanggal_dipilih != 'all') {
    $sql .= " WHERE tgl_perhitungan = '$tanggal_dipilih'";
}

$sql .= " ORDER BY tgl_perhitungan";

$result = $conn->query($sql);
```



```

$data = [];
if ($result->num_rows > 0) {
    while ($row = $result->fetch_assoc()) {
        $data[$row['tgl_perhitungan']][] = $row;
    }
}

// Tutup koneksi
$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Data Kerugian Piutang</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
    <style>
        .container {
            max-width: 800px;
        }
        .date-section {
            margin-bottom: 20px;
        }
        .date-card {
            border: 1px solid #dee2e6;
            border-radius: .25rem;
            padding: 15px;
            background-color: #f8f9fa;
        }
        .date-card h2, .date-card h3 {
            margin-bottom: 10px;
        }
        .table-section {
            border: 1px solid #dee2e6;
            border-radius: .25rem;
            background-color: #ffffff;
            padding: 15px;
        }
    </style>
</head>
<body>
    <div class="container mt-4">
        <h1 class="mb-4 text-center">Data Kerugian Piutang</h1>
        <h2 class="mb-2 mb-4 text-center">UD GUSNIAR KAYU</h2>

        <!-- Form untuk memilih tanggal -->
        <form method="POST" class="mb-4">
            <div class="form-group">
                <select class="form-control" id="tanggal"
name="tanggal">

```

```

        <option value="pilih">--Pilih Periode--
</option>
        <option value="all" <?php echo
$tanggal_dipilih == 'all' ? 'selected' : ''; ?>>Semua</option>
        <?php foreach ($tanggal_tersedia as
$tanggal): ?>
                <option value="<?php echo
htmlspecialchars($tanggal); ?>" <?php echo $tanggal ==
$tanggal_dipilih ? 'selected' : ''; ?>>
                        <?php echo
htmlspecialchars($tanggal); ?>
                </option>
        <?php endforeach; ?>
</select>
</div>
<button type="submit" class="btn btn-
primary">Tampilkan</button>
<a href="" class="btn btn-success">Cetak</a>
</form>

<?php if (!empty($data)): ?>
    <?php foreach ($data as $date => $rows): ?>
        <div class="date-section">
            <!-- Container for card and table -->
            <div class="d-flex flex-column">
                <!-- Card for period and total -->
                <div class="date-card mb-3">
                    <h5 class="card-title">Periode:
<?php echo htmlspecialchars($date); ?></h5>
                </div>
                <!-- Table for detailed data -->
                <div class="table-section">
                    <table class="table table-bordered">
                        <thead class="thead-light">
                            <tr>
                                <th>Kategori</th>
                                <th>Jumlah Piutang</th>
                                <th>Kerugian</th>
                            </tr>
                        </thead>
                        <tbody>
                            <tr>
                                <td>Belum Jatuh
Tempo</td>
                                <td><?php echo
number_format($rows[0]['belum_jatuh_tempo'], 0, ',', '.');
?></td>
                                <td><?php echo
number_format($rows[0]['kerugian1'], 0, ',', '.'); ?></td>
                            </tr>
                            <tr>
                                <td>Nunggak 1-30
Hari</td>
                                <td><?php echo
number_format($rows[0]['nunggak1'], 0, ',', '.'); ?></td>

```

```

                <td><?php echo
number_format($rows[0]['kerugian2'], 0, ',', '.'); ?></td>
</tr>
                <tr>
                <td>Nunggak 31-60
Hari</td>
                <td><?php echo
number_format($rows[0]['nunggak2'], 0, ',', '.'); ?></td>
                <td><?php echo
number_format($rows[0]['kerugian3'], 0, ',', '.'); ?></td>
</tr>
                <tr>
                <td>Nunggak 61-90
Hari</td>
                <td><?php echo
number_format($rows[0]['nunggak3'], 0, ',', '.'); ?></td>
                <td><?php echo
number_format($rows[0]['kerugian4'], 0, ',', '.'); ?></td>
</tr>
                <tr>
                <td>Nunggak > 90
Hari</td>
                <td><?php echo
number_format($rows[0]['nunggak4'], 0, ',', '.'); ?></td>
                <td><?php echo
number_format($rows[0]['kerugian5'], 0, ',', '.'); ?></td>
</tr>
                <tr>
                <td><strong>Total</strong>
g></td>
                <td><strong><?php echo
number_format($rows[0]['belum_jatuh_tempo'] +
$rows[0]['nunggak1'] + $rows[0]['nunggak2'] +
$rows[0]['nunggak3'] + $rows[0]['nunggak4'], 0, ',', '.');
?></strong></td>
                <td><strong><?php echo
number_format($rows[0]['kerugian1'] + $rows[0]['kerugian2'] +
$rows[0]['kerugian3'] + $rows[0]['kerugian4'] +
$rows[0]['kerugian5'], 0, ',', '.'); ?></strong></td>
</tr>
            </tbody>
        </table>
    </div>
</div>
</div>
</div>
<?php endforeach; ?>
<?php else: ?>
    <div class="alert alert-warning" role="alert">
        Data tidak ditemukan.
    </div>
<?php endif; ?>

    <a href="input_kerugian.php" class="btn btn-
primary">Hitung Kerugian</a>
</div>

```

```

    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.3/dist/umd/
popper.min.js"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/boot
strap.min.js"></script>
</body>
</html>

```

Tampilan dan Input Saldo Cadangan Kerugian Piutang

```

<?php
require_once '../koneksi.php'; // Gunakan require_once untuk
menghindari deklarasi ganda

// Handle form submission
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $tgl_saldo = $_POST['tgl_saldo'];
    $saldo_awal = $_POST['saldo_awal'];

    // Cek apakah saldo awal sudah ada di database
    $check_sql = "SELECT COUNT(*) AS count FROM
saldo_awal_cadangan";
    $result = $conn->query($check_sql);
    $row = $result->fetch_assoc();

    if ($row['count'] > 0) {
        $message = "Saldo awal sudah diinputkan. Tidak dapat
menambahkan saldo awal lebih dari satu kali.";
    } else {
        $sql = "INSERT INTO saldo_awal_cadangan (tgl_saldo,
saldo_awal) VALUES (?, ?)";
        $stmt = $conn->prepare($sql);
        $stmt->bind_param("sd", $tgl_saldo, $saldo_awal);

        if ($stmt->execute()) {
            $message = "Saldo awal berhasil disimpan.";
        } else {
            $message = "Error: " . $sql . "<br>" . $conn->error;
        }

        $stmt->close();
    }
}

// Ambil saldo awal dari database
$sql = "SELECT tgl_saldo, saldo_awal FROM saldo_awal_cadangan
ORDER BY tgl_saldo DESC";
$result = $conn->query($sql);

$saldo_awal_entries = [];

```

```

if ($result->num_rows > 0) {
    while($row = $result->fetch_assoc()) {
        $saldo_awal_entries[] = $row;
    }
}

$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Input Saldo Awal Cadangan Piutang</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
</head>
<body>
    <div class="container mt-4">
        <h2 class="text-center">Saldo Awal Cadangan Piutang</h2>
        <h3 class="text-center">UD GUSNIAR KAYU</h3>

        <?php if (isset($message)): ?>
        <div class="alert alert-info" role="alert">
            <?php echo $message; ?>
        </div>
        <?php endif; ?>

        <?php if (empty($saldo_awal_entries)): ?>
        <form action="" method="post">
            <div class="form-group">
                <label for="tgl_saldo">Periode</label>
                <input type="date" class="form-control"
id="tgl_saldo" name="tgl_saldo" required>
            </div>
            <div class="form-group">
                <label for="saldo_awal">Saldo Awal</label>
                <input type="number" step="0.01" class="form-
control" id="saldo_awal" name="saldo_awal" required>
            </div>
            <button type="submit" class="btn btn-
primary">Simpan</button>
        </form>
        <?php else: ?>
        <div class="alert alert-info" role="alert">
            Saldo awal sudah diinputkan. Tidak dapat menambahkan
saldo awal lebih dari satu kali.
        </div>
        <?php endif; ?>

        <?php if (!empty($saldo_awal_entries)): ?>
        <h3 class="mt-4">Saldo Awal yang Sudah Dimasukkan</h3>
        <table class="table table-bordered">

```

```

        <thead>
            <tr>
                <th>tgl_saldo</th>
                <th>Saldo Awal (Rp)</th>
            </tr>
        </thead>
        <tbody>
            <?php foreach ($saldo_awal_entries as $entry):
?>
                <tr>
                    <td><?php echo $entry['tgl_saldo']; ?></td>
                    <td><?php echo
number_format($entry['saldo_awal'], 2, ',', '.'); ?></td>
                </tr>
            <?php endforeach; ?>
        </tbody>
    </table>
    <?php endif; ?>
</div>
</body>
</html>

```

Tampilan Jurnal Penyesuaian Cadangan Kerugian Piutang

```

<?php
require '../koneksi.php';

// Cek koneksi
if ($conn->connect_error) {
    die("Koneksi gagal: " . $conn->connect_error);
}

// Ambil tanggal filter dari query parameter (jika ada)
$selected_date = isset($_GET['tanggal']) ? $_GET['tanggal'] :
'';

// Ambil saldo awal cadangan dari tabel saldo_awal_cadangan
$sql_saldo_awal = "SELECT saldo_awal FROM saldo_awal_cadangan
ORDER BY tgl_saldo DESC LIMIT 1";
$result_saldo_awal = $conn->query($sql_saldo_awal);

if ($result_saldo_awal->num_rows > 0) {
    $row_saldo_awal = $result_saldo_awal->fetch_assoc();
    $saldo_awal = $row_saldo_awal['saldo_awal'];
} else {
    $saldo_awal = 0; // Default saldo awal jika tidak ada data
}

// Ambil daftar tanggal yang tersedia untuk dropdown
$sql_dates = "SELECT DISTINCT tgl_perhitungan FROM
kerugian_piutang ORDER BY tgl_perhitungan";
$result_dates = $conn->query($sql_dates);

$tanggal_tersedia = [];

```

```

if ($result_dates->num_rows > 0) {
    while ($row = $result_dates->fetch_assoc()) {
        $tanggal_tersedia[] = $row['tgl_perhitungan'];
    }
}

// SQL query untuk analisis umur piutang
if ($selected_date && $selected_date != 'semua') {
    $sql = "SELECT tgl_perhitungan, taksiran_kerugian
FROM kerugian_piutang
WHERE tgl_perhitungan = ?
ORDER BY tgl_perhitungan ASC";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("s", $selected_date);
} else {
    $sql = "SELECT tgl_perhitungan, taksiran_kerugian
FROM kerugian_piutang
ORDER BY tgl_perhitungan ASC";
    $stmt = $conn->prepare($sql);
}
$stmt->execute();
$result = $stmt->get_result();

// Array untuk menyimpan entri jurnal
$jurnal_entries = [];

// Gunakan saldo awal sebagai previous_taksiran awal
$previous_taksiran = $saldo_awal;

if ($result->num_rows > 0) {
    $is_first_row = true;
    while ($row = $result->fetch_assoc()) {
        $periode_analisis = $row['tgl_perhitungan'];
        $taksiran_kerugian = $row['taksiran_kerugian'];

        if ($is_first_row) {
            // Baris pertama
            $selisih = abs($previous_taksiran -
$taksiran_kerugian);
            if ($previous_taksiran < $taksiran_kerugian) {
                $debit_desc = "Biaya Kerugian Piutang";
                $kredit_desc = "Cadangan Kerugian Piutang";
            } else {
                $debit_desc = "Cadangan Kerugian Piutang";
                $kredit_desc = "Biaya Kerugian Piutang";
            }
        }
        $jurnal_entries[] = [
            'periode' => $periode_analisis,
            'taksiran' => $taksiran_kerugian,
            'selisih' => $selisih,
            'debit_desc' => $debit_desc,
            'kredit_desc' => $kredit_desc
        ];
        $is_first_row = false;
    } else {
        // Baris selanjutnya

```

```

        $selisih = abs($previous_taksiran -
$taksiran_kerugian);
        if ($previous_taksiran < $taksiran_kerugian) {
            $debit_desc = "Biaya Kerugian Piutang";
            $kredit_desc = "Cadangan Kerugian Piutang";
        } else {
            $debit_desc = "Cadangan Kerugian Piutang";
            $kredit_desc = "Biaya Kerugian Piutang";
        }
        $jurnal_entries[] = [
            'periode' => $periode_analisis,
            'taksiran' => $taksiran_kerugian,
            'selisih' => $selisih,
            'debit_desc' => $debit_desc,
            'kredit_desc' => $kredit_desc
        ];
    }

    // Simpan taksiran untuk iterasi berikutnya
    $previous_taksiran = $taksiran_kerugian;
}
}

$stmt->close();
$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Jurnal Penyesuaian Cadangan Kerugian Piutang</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
    <style>
        .indent {
            padding-left: 30px;
        }
        .date-cell {
            white-space: nowrap;
        }
        .form-inline {
            display: flex;
            align-items: center;
            justify-content: flex-start;
        }
        .form-inline .form-control {
            margin-right: 10px;
            max-width: 250px;
        }
    </style>
</head>
<body>

```



```

<div class="container mt-3 mb-4">
  <center>
    <h2>Jurnal Penyesuaian</h2>
    <h2>Cadangan Kerugian Piutang</h2>
    <h3>UD GUSNIAR KAYU</h3>
  </center>

  <!-- Form Filter -->
  <form action="jurnal_penyesuaian.php" method="get"
class="form-inline mb-4">
    <label for="tanggal" class="mr-2">Pilih
Tanggal:</label>
    <select class="form-control mr-2" id="tanggal"
name="tanggal">
      <option value="semua" <?php echo $selected_date
== 'semua' ? 'selected' : ''; ?>>Semua</option>
      <?php foreach ($tanggal_tersedia as $tanggal):
?>
        <option value="<?php echo
htmlspecialchars($tanggal); ?>" <?php echo $tanggal ==
$selected_date ? 'selected' : ''; ?>>
          <?php echo htmlspecialchars($tanggal);
?>
        </option>
      <?php endforeach; ?>
    </select>
    <button type="submit" class="btn btn-primary mr-
2">Tampilkan</button>
    <a href="" class="btn btn-success">Cetak</a>
  </form>

  <table class="table table-bordered">
    <thead>
      <tr class="text-center">
        <th>Tanggal</th>
        <th>Keterangan</th>
        <th>Debit (Rp)</th>
        <th>Kredit (Rp)</th>
      </tr>
    </thead>
    <tbody>
      <?php if (empty($jurnal_entries)): ?>
      <tr>
        <td colspan="4" class="text-center">Tidak
ada data untuk tanggal yang dipilih.</td>
      </tr>
      <?php else: ?>
      <?php foreach ($jurnal_entries as $entry):
?>
        <tr>
          <td class="date-cell"><?php echo
htmlspecialchars($entry['periode']); ?></td>
          <td><?php echo
htmlspecialchars($entry['debit_desc']); ?></td>
          <td><?php echo
number_format($entry['selisih'], 2, ',', '.'); ?></td>

```

```

                <td></td>
            </tr>
            <tr>
                <td></td>
                <td class="indent"><?php echo
htmlspecialchars($entry['kredit_desc']); ?></td>
                <td></td>
                <td><?php echo
number_format($entry['selisih'], 2, ',', '.'); ?></td>
            </tr>
        <?php endforeach; ?>
    <?php endif; ?>
</tbody>
</table>
</div>
</body>
</html>

```

Tampilan Buku Besar Cadangan Kerugian Piutang

```

<?php
require '../koneksi.php';

// Cek koneksi
if ($conn->connect_error) {
    die("Koneksi gagal: " . $conn->connect_error);
}

// Ambil tanggal filter dari query parameter (jika ada)
$start_date = isset($_GET['start_date']) ? $_GET['start_date'] :
'';
$end_date = isset($_GET['end_date']) ? $_GET['end_date'] : '';

// Ambil saldo awal cadangan dari tabel saldo_awal_cadangan
$sql_saldo_awal = "SELECT saldo_awal, tgl_saldo FROM
saldo_awal_cadangan ORDER BY tgl_saldo DESC LIMIT 1";
$result_saldo_awal = $conn->query($sql_saldo_awal);

if ($result_saldo_awal->num_rows > 0) {
    $row_saldo_awal = $result_saldo_awal->fetch_assoc();
    $saldo_awal = $row_saldo_awal['saldo_awal'];
    $tanggal_saldo_awal = $row_saldo_awal['tgl_saldo'];
} else {
    $saldo_awal = 0; // Default saldo awal jika tidak ada data
    $tanggal_saldo_awal = '';
}

// SQL query untuk analisis umur piutang
if ($start_date && $end_date) {
    $sql = "SELECT tgl_perhitungan, taksiran_kerugian
FROM kerugian_piutang
WHERE tgl_perhitungan BETWEEN ? AND ?
ORDER BY tgl_perhitungan ASC"; // Urutan tanggal
    naik

```

```

    $stmt = $conn->prepare($sql);
    $stmt->bind_param("ss", $start_date, $end_date);
} else {
    $sql = "SELECT tgl_perhitungan, taksiran_kerugian
           FROM kerugian_piutang
           ORDER BY tgl_perhitungan ASC"; // Urutan tanggal
    naik
    $stmt = $conn->prepare($sql);
}

$stmt->execute();
$result = $stmt->get_result();

// Array untuk menyimpan entri buku besar
$ledger_entries = [];

// Gunakan saldo awal sebagai saldo_awal untuk buku besar
$current_balance = $saldo_awal;

// Tambahkan saldo awal ke buku besar
if ($tanggal_saldo_awal) {
    $ledger_entries[] = [
        'tanggal' => $tanggal_saldo_awal,
        'keterangan' => 'Saldo Awal',
        'debit' => '',
        'kredit' => number_format($saldo_awal, 2, ',', '.'),
        'saldo' => number_format($saldo_awal, 2, ',', '.')
    ];
}

$previous_taksiran = $saldo_awal; // Set previous_taksiran
dengan saldo awal

if ($result->num_rows > 0) {
    while ($row = $result->fetch_assoc()) {
        $periode_analisis = $row['tgl_perhitungan'];
        $taksiran_kerugian = $row['taksiran_kerugian'];

        // Hitung selisih antara taksiran_kerugian saat ini dan
        sebelumnya
        $selisih = $taksiran_kerugian - $previous_taksiran;

        // Tentukan debit atau kredit berdasarkan selisih
        if ($selisih > 0) {
            $debit = '';
            $kredit = number_format($selisih, 2, ',', '.');
        } else {
            $debit = number_format(abs($selisih), 2, ',', '.');
            $kredit = '';
        }

        // Update saldo saat ini
        $current_balance += $selisih;

        // Tambahkan entri ke buku besar
        $ledger_entries[] = [

```

```

        'tanggal' => $periode_analisis,
        'keterangan' => 'Penyesuaian',
        'debit' => $debit,
        'kredit' => $kredit,
        'saldo' => number_format($current_balance, 2, ',',
    '..')
    ];

    // Simpan taksiran untuk iterasi berikutnya
    $previous_taksiran = $taksiran_kerugian;
}
} else {
    // Jika tidak ada data analisis umur piutang
    $ledger_entries[] = [
        'tanggal' => '',
        'keterangan' => 'Tidak ada data analisis umur piutang
untuk periode ini.',
        'debit' => '',
        'kredit' => '',
        'saldo' => number_format($current_balance, 2, ',', '..')
    ];
}

$stmt->close();
$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Buku Besar Cadangan Kerugian Piutang</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
    <style>
        .date-cell {
            white-space: nowrap;
        }
        .indent {
            padding-left: 30px;
        }
        .filter-form {
            margin-bottom: 3px; /* Reduced margin to bring
filter closer to table */
            margin-top: 4px;
        }
    </style>
</head>
<body>
    <div class="container mt-4">
        <center>
            <h2>Buku Besar</h2>
            <h2>Cadangan Kerugian Piutang</h2>

```

```

        <h3>UD GUSNIAR KAYU</h3>
    </center>

    <!-- Form Filter -->
    <form action="buku_besar.php" method="get"
class="filter-form">
        <div class="form-row">
            <div class="form-group col-md-4">
                <input type="date" class="form-control"
id="start_date" name="start_date" value="<?php echo
htmlspecialchars($start_date); ?>">
            </div>
            <div class="form-group col-md-4">
                <input type="date" class="form-control"
id="end_date" name="end_date" value="<?php echo
htmlspecialchars($end_date); ?>">
            </div>
            <div class="form-group col-md-4 d-flex align-
items-end">
                <button type="submit" class="btn btn-primary
mr-2">Filter</button>
                <a href="" class="btn btn-success">Cetak</a>
            </div>
        </div>
    </form>

    <table class="table table-bordered">
        <thead>
            <tr>
                <th>Tanggal</th>
                <th>Keterangan</th>
                <th>Debet (Rp)</th>
                <th>Kredit (Rp)</th>
                <th>Saldo (Rp)</th>
            </tr>
        </thead>
        <tbody>
            <?php if (empty($ledger_entries)): ?>
            <tr>
                <td colspan="5" class="text-center">Tidak
ada data untuk tanggal yang dipilih.</td>
            </tr>
            <?php else: ?>
            <?php foreach ($ledger_entries as $entry):
?>
                <tr>
                    <td class="date-cell"><?php echo
htmlspecialchars($entry['tanggal']); ?></td>
                    <td><?php echo
htmlspecialchars($entry['keterangan']); ?></td>
                    <td><?php echo $entry['debit']; ?></td>
                    <td><?php echo $entry['kredit']; ?></td>
                    <td><?php echo $entry['saldo']; ?></td>
                </tr>
            <?php endforeach; ?>
        <?php endif; ?>

```

```
        </tbody>
    </table>
</div>
</body>
</html>
```

Tampilan Taksiran Piutang dapat Tertagih

```
<?php

require '../koneksi.php';

// Cek koneksi
if ($conn->connect_error) {
    die("Koneksi gagal: " . $conn->connect_error);
}

// Ambil saldo awal cadangan dari tabel saldo_awal_cadangan
$sql_saldo_awal = "SELECT saldo_awal FROM saldo_awal_cadangan
ORDER BY tgl_saldo DESC LIMIT 1";
$result_saldo_awal = $conn->query($sql_saldo_awal);

if ($result_saldo_awal->num_rows > 0) {
    $row_saldo_awal = $result_saldo_awal->fetch_assoc();
    $saldo_awal = $row_saldo_awal['saldo_awal'];
} else {
    $saldo_awal = 0; // Default saldo awal jika tidak ada data
}

// Hitung total piutang yang belum dilunasi
$sql_total_piutang = "SELECT SUM(jml_piutang) AS total_piutang
FROM penjualan_kredit";
$result_total_piutang = $conn->query($sql_total_piutang);
$row_total_piutang = $result_total_piutang->fetch_assoc();
$total_piutang = $row_total_piutang['total_piutang'];

$sql_total_pembayaran = "SELECT SUM(jml_pembayaran) AS
total_pembayaran FROM pelunasan";
$result_total_pembayaran = $conn->query($sql_total_pembayaran);
$row_total_pembayaran = $result_total_pembayaran->fetch_assoc();
$total_pembayaran = $row_total_pembayaran['total_pembayaran'];

// Piutang yang belum dilunasi
$piutang_belum_dilunasi = $total_piutang - $total_pembayaran;

// Ambil taksiran kerugian paling akhir dari tabel
// analisis_umur_piutang
$sql_taksiran_kerugian = "SELECT taksiran_kerugian FROM
kerugian_piutang ORDER BY tgl_perhitungan DESC LIMIT 1";
$result_taksiran_kerugian = $conn-
>query($sql_taksiran_kerugian);
$row_taksiran_kerugian = $result_taksiran_kerugian-
>fetch_assoc();
$taksiran_kerugian_terakhir =
$row_taksiran_kerugian['taksiran_kerugian'];
```

```

// Piutang setelah dikurangi cadangan
$piutang_setelah_cadangan = $piutang_belum_dilunasi -
$taksiran_kerugian_terakhir;

$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Piutang Setelah Dikurangi Cadangan</title>
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/boo
tstrap.min.css">
</head>
<body>
  <div class="container mt-4">
    <center>
      <h2>TAKSIRAN PIUTANG TERTAGIH</h2>
      <h3>UD GUSNIAR KAYU</h3>
    </center>
    <table class="table table-bordered">
      <thead>
        <tr>
          <th>Total Piutang Belum Dilunasi (Rp)</th>
          <th>Cadangan Kerugian Piutang (Rp)</th>
          <th>Piutang Setelah Dikurangi Cadangan
(Rp)</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td><?php echo
number_format($piutang_belum_dilunasi, 2, ',', '.'); ?></td>
          <td><?php echo
number_format($taksiran_kerugian_terakhir, 2, ',', '.'); ?></td>
          <td><?php echo
number_format($piutang_setelah_cadangan, 2, ',', '.'); ?></td>
        </tr>
      </tbody>
    </table>
    <a href="index.php" class="btn btn-success">Cetak</a>
  </div>
</body>
</html>

```

Detail Penjualan

```
<?php
include '../auth.php';
require '../koneksi.php';

// Ambil ID Penjualan dari GET request
$id_penjualan = isset($_GET['id_penjualan']) ?
$_GET['id_penjualan'] : '';

if ($id_penjualan) {
    // Query untuk mengambil detail penjualan
    $sql = "
        SELECT detail_penjualan.*, barang.nama_barang,
barang.harga_barang
        FROM detail_penjualan
        JOIN barang ON detail_penjualan.id_barang =
barang.id_barang
        WHERE detail_penjualan.id_penjualan = ?
    ";

    // Gunakan prepared statements
    $stmt = $conn->prepare($sql);
    if (!$stmt) {
        die("Prepare failed: " . $conn->error);
    }

    $stmt->bind_param('s', $id_penjualan);
    $stmt->execute();

    $result = $stmt->get_result();
    if (!$result) {
        die("Query failed: " . $conn->error);
    }

    $detail_penjualan = $result->fetch_all(MYSQLI_ASSOC);

    // Cek apakah data ada
    if (empty($detail_penjualan)) {
        echo "Tidak ada data untuk ID Penjualan: " .
htmlspecialchars($id_penjualan);
        exit;
    }
} else {
    echo "ID Penjualan tidak ditemukan.";
    exit;
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>DETAIL PENJUALAN KREDIT</title>
    <!-- Bootstrap CSS -->
```



```

<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/boot
strap.min.css" rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH
" crossorigin="anonymous" />
  <!-- Icons Bootstrap -->
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>
  <div class="container mt-5">
    <h2 class="text-center">DETAIL PENJUALAN KREDIT</h2>
    <h3 class="text-center">UD GUSNIAR KAYU</h3>

    <h4 class="text-center mt-5">Detail Barang</h4>
    <table class="table table-bordered mt-3">
      <thead class="table-light">
        <tr>
          <th><center>NO</center></th>
          <th><center>Nama Barang</center></th>
          <th><center>Jumlah Barang</center></th>
          <th><center>Harga Satuan</center></th>
          <th><center>Total Harga</center></th>
        </tr>
      </thead>
      <tbody>
        <?php
        $no = 1;
        foreach ($detail_penjualan as $row):
        ?>
          <tr>
            <td><?php echo $no++; ?></td>
            <td><?php echo
htmlspecialchars($row['nama_barang']); ?></td>
            <td><?php echo
htmlspecialchars($row['jml_barang']); ?></td>
            <td><?php echo
number_format($row['harga_barang'], 2, ',', '.'); ?></td>
            <td><?php echo
number_format($row['total_harga'], 2, ',', '.'); ?></td>
          </tr>
        <?php endforeach; ?>
      </tbody>
    </table>
    <a href="penjualan.php" class="btn btn-
danger">Kembali</a>
  </div>
  <!-- Bootstrap JS Bundle -->
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootst
rap.bundle.min.js" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fdVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jIeHz
" crossorigin="anonymous"></script>
</body>
</html>

```

Laporan Barang Terjual

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Data Barang Terjual</title>
  <link
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootst
rap.min.css" rel="stylesheet">
  <script src="https://code.jquery.com/jquery-
3.5.1.min.js"></script>
</head>
<body>

<div class="container mt-5">
  <h2 class="mb-4 text-center">LAPORAN BARANG TERJUAL</h2>
  <h3 class="mb-4 text-center">UD GUSNIAR KAYU</h3>
  <form method="GET" action="" id="filterForm">
    <div class="form-row">
      <div class="form-group col-md-3">
        <input type="text" class="form-control"
id="nama_barang" name="nama_barang" placeholder="Nama Barang"
value="<?php echo isset($_GET['nama_barang']) ?
$_GET['nama_barang'] : ''; ?>">
      </div>
      <div class="form-group col-md-3">
        <input type="date" class="form-control"
id="tgl_mulai" name="tgl_mulai" value="<?php echo
isset($_GET['tgl_mulai']) ? $_GET['tgl_mulai'] : ''; ?>">
      </div>
      <div class="form-group col-md-3">
        <input type="date" class="form-control"
id="tgl_akhir" name="tgl_akhir" value="<?php echo
isset($_GET['tgl_akhir']) ? $_GET['tgl_akhir'] : ''; ?>">
      </div>
      <div class="form-group col-md-3">
        <a href="#" class="btn btn-success">Cetak</a>
      </div>
    </div>
  </form>

  <?php
include '../koneksi.php'; // Pastikan path-nya benar

// Ambil nilai filter dari form
$nama_barang = isset($_GET['nama_barang']) ?
$_GET['nama_barang'] : '';
$tgl_mulai = isset($_GET['tgl_mulai']) ? $_GET['tgl_mulai']
: '';
$tgl_akhir = isset($_GET['tgl_akhir']) ? $_GET['tgl_akhir']
: '';

// Query untuk mengambil data dengan filter
```

```

$sql = "
    SELECT
        dp.id_barang,
        b.nama_barang,
        b.harga_barang,
        dp.jml_barang AS jumlah_terjual,
        dp.total_harga AS total,
        pk.tgl_jual
    FROM
        detail_penjualan dp
    JOIN
        barang b ON dp.id_barang = b.id_barang
    JOIN
        penjualan_kredit pk ON dp.id_penjualan =
pk.id_penjualan
    WHERE 1=1
";

// Tambahkan filter nama barang jika ada
if (!empty($nama_barang)) {
    $sql .= " AND b.nama_barang LIKE '%$nama_barang%'";
}

// Tambahkan filter tanggal jika ada
if (!empty($tgl_mulai) && !empty($tgl_akhir)) {
    $sql .= " AND pk.tgl_jual BETWEEN '$tgl_mulai' AND
'$tgl_akhir'";
} elseif (!empty($tgl_mulai)) {
    $sql .= " AND pk.tgl_jual >= '$tgl_mulai'";
} elseif (!empty($tgl_akhir)) {
    $sql .= " AND pk.tgl_jual <= '$tgl_akhir'";
}

// Eksekusi query
$result = mysqli_query($conn, $sql);

// Cek hasil query
if ($result && mysqli_num_rows($result) > 0) {
    // Inisialisasi variabel untuk menyimpan total
    $totalJumlahTerjual = 0;
    $totalPenjualan = 0;

    // Tampilkan data dalam tabel
    echo "<table class='table table-bordered'>
        <thead class='thead-light'>
            <tr>
                <th>ID Barang</th>
                <th>Nama Barang</th>
                <th>Tanggal Jual</th>
                <th>Harga Barang</th>
                <th>Jumlah Terjual</th>
                <th>Total</th>
            </tr>
        </thead>
        <tbody>";
    while ($row = mysqli_fetch_assoc($result)) {

```

```

        echo "<tr>
            <td>{$row['id_barang']}</td>
            <td>{$row['nama_barang']}</td>
            <td>{$row['tgl_jual']}</td>
            <td>{$row['harga_barang']}</td>
            <td>{$row['jumlah_terjual']}</td>
            <td>{$row['total']}</td>
        </tr>";
        // Tambahkan ke total
        $totalJumlahTerjual += $row['jumlah_terjual'];
        $totalPenjualan += $row['total'];
    }
    echo "</tbody>
        <tfoot>
            <tr>
                <th colspan='4'>Total</th>
                <th>{$totalJumlahTerjual}</th>
                <th>{$totalPenjualan}</th>
            </tr>
        </tfoot>
    </table>";
} else {
    echo "<div class='alert alert-warning'
        role='alert'>Tidak ada data.</div>";
}

// Tutup koneksi
mysqli_close($conn);
?>
</div>

<script>
    $(document).ready(function() {
        $('#tgl_mulai, #tgl_akhir').change(function() {
            $('#filterForm').submit();
        });
    });
</script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/
popper.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstra
p.min.js"></script>
</body>
</html>

```