

#### a. Kode Sumber Login

```
<?php
include_once "library/inc.connection.php";

if($_GET) {
    if($_POST) {
        $message = array();
        if ( trim($_POST['txtUser'])=="") {
            $message[] = "Data <b> User ID </b> tidak
boleh kosong !";
        }
        if (trim($_POST['txtPassword'])=="") {
            $message[] = "Data <b> Password </b> tidak
boleh kosong !";
        }
        if (trim($_POST['cmbLevel'])=="BLANK") {
            $message[] = "Data <b>Level</b> belum
dipilih !";
        }

        # Baca variabel form
        $txtUser = $_POST['txtUser'];
        $txtUser = str_replace("'", "&acute;", $txtUser);
        $txtPassword=$_POST['txtPassword'];
        $txtPassword=
str_replace("'", "&acute;", $txtPassword);
        $cmbLevel = $_POST['cmbLevel'];

        # Jika jumlah error message tidak ada
        if(count($message)==0){
            # LOGIN CEK KE TABEL USER LOGIN
            $loginSql = "SELECT * FROM user_login WHERE
userid='".$.$txtUser.'" AND password='".$.md5($txtPassword)."' AND
level='".$.$cmbLevel.'"';
            $loginQry = mysql_query($loginSql,
$koneksidb) or die ("Query Periksa Password Admin Salah :
".mysql_error());

            # JIKA LOGIN SUKSES
            if($loginQry){
                if (mysql_num_rows($loginQry) >=1) {
                    $loginData =
mysql_fetch_array($loginQry);
                    // Jika yang login Administrator
                    if($cmbLevel=="Admin") {
                        $_SESSION['SES_ADMIN'] =
"Admin";
                        $_SESSION['SES_LOGIN'] =
$loginData['userid'];
                    }
                }
            }
        }
    }
}
```



## b. Kode sumber Halaman Utama

```
<?php
if(isset($_SESSION['SES_ADMIN'])){
    echo      "<ul><li><a      href='?page'      title='Halaman
Utama'>Home</a></li></ul>";
    echo      "<ul><li><a href='?page=Data-User' title='Data
User'>Data User</a></li></ul>";
    echo      "<ul><li><a href='?page=Data-Kategori' title='Data
Kategori'>Data Kategori</a></li></ul>";
    echo      "<ul><li><a href='?page=Data-Barang' title='Data
Barang'>Data Barang</a></li></ul>";
    echo      "<ul><li><a href='?page=Data-Supplier' title='Data
Supplier'>Data Supplier</a></li></ul>";
    echo      "<ul><li><a href='?page=Pembelian-Barang'
title='Pembelian Barang'>Pembelian Barang</a></li></ul>";
    echo      "<ul><li><a href='?page=Penjualan-Barang'
title='Penjualan Barang'>Penjualan Barang</a></li></ul>";
    echo      "<ul><li><a href='?page=Laporan-Data'
title='Laporan Data'>Laporan Data</a></li></ul>";
    echo      "<ul><li><a href='?page=Logout' title='Logout
(Exit)')>Logout</a></li></ul>";
}
elseif(isset($_SESSION['SES_KASIR'])){
    echo      "<ul><li><a href='?page' title='Halaman
Utama'>Home</a></li></ul>";
    echo      "<ul><li><a href='?page=Pembelian-Barang'
title='Pembelian Barang'>Pembelian Barang</a></li></ul>";
    echo      "<ul><li><a href='?page=Penjualan-Barang'
title='Penjualan Barang'>Penjualan Barang</a></li></ul>";
    echo      "<ul><li><a href='?page=Logout' title='Logout
(Exit)')>Logout</a></li></ul>";
}
else {
    echo      "<ul><li><a href='?page=Login' title='Login
System'>Login</a></li></ul>";
}
?>
```

## c. Kode sumber Tambah Data Barang

```
<?php
include_once "library/inc.sesadmin.php";
include_once "library/inc.library.php";

if($_GET) {
    if(isset($_POST['btnSave'])){
        # Validasi form, jika kosong sampaikan pesan error
        $message = array();
        if (trim($_POST['txtBarang'])=="") {
```

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        $message[] = "<b>Nama barang</b> tidak boleh
kosong !";
    }
    if (trim($_POST['txtHargaBeli'])==" OR !
is_numeric(trim($_POST['txtHargaBeli']))) {
        $message[] = "<b>Harga Beli</b> barang tidak
boleh kosong, harus diisi angka !";
    }
    if (trim($_POST['txtHargaJual'])==" OR !
is_numeric(trim($_POST['txtHargaJual']))) {
        $message[] = "<b>Harga Jual</b> barang tidak
boleh kosong, harus diisi angka !";
    }
    if (trim($_POST['txtDiskon'])==" OR !
is_numeric(trim($_POST['txtDiskon']))) {
        $message[] = "<b>Diskon (%)</b> jual tidak
boleh kosong, harus diisi angka !";
    }
    if (! is_numeric(trim($_POST['txtStok']))) {
        $message[] = "<b>Stok</b> barang harus diisi
angka !";
    }
    if (trim($_POST['cmbKategori'])=="BLANK") {
        $message[] = "<b>Kategori Barang</b> belum
dipilih !";
    }
}

# Baca Variabel Form
$txtBarang = $_POST['txtBarang'];
$txtBarang =
str_replace("'", "&acute;", $txtBarang);
$txtHargaBeli = $_POST['txtHargaBeli'];
$txtHargaBeli =
str_replace("'", "&acute;", $txtHargaBeli);
$txtHargaBeli =
str_replace(".", "", $txtHargaBeli);
$txtHargaJual = $_POST['txtHargaJual'];
$txtHargaJual =
str_replace("'", "&acute;", $txtHargaJual);
$txtHargaJual =
str_replace(".", "", $txtHargaJual);
$txtDiskon = $_POST['txtDiskon'];
$txtDiskon =
str_replace("'", "&acute;", $txtDiskon);
$txtKeterangan = $_POST['txtKeterangan'];
$txtKeterangan =
str_replace("'", "&acute;", $txtKeterangan);
$cmbKategori = $_POST['cmbKategori'];

# Validasi Nama barang, jika sudah ada akan
ditolak

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        $sqlCek="SELECT      *      FROM      barang      WHERE
nm_barang='$txtBarang'";
        $qryCek=mysql_query($sqlCek, $koneksi) or die
("Error Query".mysql_error());
        if(mysql_num_rows($qryCek)>=1){
            $message[] = "Maaf, barang <b> $txtBarang
</b> sudah ada, ganti dengan yang lain";
        }

        # Validasi Diskon, rugi atau laba
        if (! trim($_POST['txtHargaBeli'])==" AND !
trim($_POST['txtHargaJual'])==" ) {
            $besarDiskon      =      intval($txtHargaJual)      *
(intval($txtDiskon)/100);
            $hargaDiskon      =      intval($txtHargaJual)      -
$besarDiskon;
            if (intval($txtHargaBeli) >= $hargaDiskon ){
                $message[] = "<b>Harga Jual</b> masih
salah, terhitung <b> Anda merugi </b> ! <br>
                &nbsp;      Harga
belum diskon : Rp. ".format_angka($txtHargaJual)." <br>
                &nbsp;      Diskon
($txtDiskon %) : Rp. ".format_angka($besarDiskon)." <br>
                &nbsp;      Harga
sudah diskon : Rp. ".format_angka($hargaDiskon).",
                Sedangkan
modal Anda Rp. ".format_angka($txtHargaBeli)."<br>
                &nbsp;
                <b>Solusi :</b> Anda harus <b>mengurangi besar % Diskon</b>,
atau <b>Menaikan Harga Jual</b>.";
            }
        }

        # TIDAK ADA ERROR, Jika jumlah error message tidak
ada, simpan datanya
        # SIMPAN DATA KE DATABASE
        if(count($message)==0){
            $kodeBaru      =      buatKode("barang", "B");
            $qrySave=mysql_query("INSERT INTO barang SET
kd_barang='$kodeBaru', nm_barang='$txtBarang',

harga_beli='$txtHargaBeli',          harga_jual='$txtHargaJual',
diskon='$txtDiskon',

keterangan='$txtKeterangan', kd_kategori='$cmbKategori") or die
("Gagal query".mysql_error());
            if($qrySave){
                echo      "<meta      http-equiv='refresh'
content='0; url=?page=Data-Barang'>";
            }
            exit;
        }

```



```

        <tr>
            <td><b>Nama Barang </b></td>
            <td><b>:</b></td>
            <td><input name="txtBarang" value="<?php echo
$dataNama; ?>" size="80" maxlength="100" /></td>
        </tr>
        <tr>
            <td><b>Harga Beli </b></td>
            <td><b>:</b></td>
            <td><input name="txtHargaBeli" value="<?php echo
$dataHBeli; ?>" size="20" maxlength="10" /></td>
        </tr>
        <tr>
            <td><b>Harga Jual </b></td>
            <td><b>:</b></td>
            <td><input name="txtHargaJual" value="<?php echo
$dataHJual; ?>" size="20" maxlength="10" /></td>
        </tr>
        <tr>
            <td><b>Diskon (%) </b></td>
            <td><b>:</b></td>
            <td><input name="txtDiskon" value="<?php echo
$dataDiskon; ?>" size="10" maxlength="30" />
            % </td>
        </tr>
        <tr>
            <td><b>Stok </b></td>
            <td><b>:</b></td>
            <td><input name="txtStok" value="<?php echo $dataStok;
?>" size="10" maxlength="30" /></td>
        </tr>
        <tr>
            <td><b>Keterangan</b></td>
            <td><b>:</b></td>
            <td><input name="txtKeterangan" value="<?php echo
$dataKeterangan; ?>" size="100" maxlength="200" /></td>
        </tr>
        <tr>
            <td><strong>Kategori Barang </strong></td>
            <td><b>:</b></td>
            <td><select name="cmbKategori">
                <option value="BLANK"> </option>
                <?php
$dataSql = "SELECT * FROM kategori ORDER BY
kd_kategori";
$dataQry = mysql_query($dataSql, $koneksi); or die
("Gagal Query".mysql_error());
while ($dataRow = mysql_fetch_array($dataQry)) {
    if ($dataRow['kd_kategori'] ==
$_POST['cmbKategori']) {
        $cek = " selected";

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        } else { $cek=""; }
        echo      "<option      value='&#x27;$dataRow[kd_kategori]'
$cek>$dataRow[nm_kategori]</option>";
    }
    $sqlData = "";
    ?>
</select></td>
</tr>
<tr><td>&#x20;</td>
    <td>&#x20;</td>
    <td><input type="submit" name="btnSave" value=" SIMPAN
" style="cursor:pointer;"></td>
</tr>
</table>
</form>

```

#### d. Kode sumber Transaksi Penjualan Barang

```

<?php
include_once "library/inc.sesadmin.php";
include_once "library/inc.library.php";

if($_GET) {
    # HAPUS DAFTAR barang DI TMP
    if(isset($_GET['Act'])){
        if(trim($_GET['Act'])=="Delete"){
            # Hapus Tmp jika datanya sudah dipindah
            mysql_query("DELETE FROM tmp_penjualan WHERE
id='".$_GET['ID']."' AND userid='".$_SESSION['SES_LOGIN']."' ",
$koneksi)
                or die ("Gagal      kosongkan
tmp".mysql_error());
        }
        if(trim($_GET['Act'])=="Sucsses"){
            echo      "<b>DATA      BERHASIL      DISIMPAN</b>
<br><br>";
        }
    }
    //
=====
=====

if($_POST) {
    # TOMBOL PILIH (KODE barang) DIKLIK
    if(isset($_POST['btnPilih'])){
        $message = array();
        if (trim($_POST['txtKode'])=="") {
            $message[] = "<b>Kode      Barang      belum
diisi</b>, ketik secara manual atau dari barcode reader !";

```



```

    }
    if      (trim($_POST['txtJumlah'])=="      OR      !
is_numeric(trim($_POST['txtJumlah']))) {
        $message[] = "Data <b>Jumlah barang (Qty)
belum diisi</b>, silahkan <b>isi dengan angka</b> !";
    }

    # Baca variabel
    $txtKode    = $_POST['txtKode'];
    $txtKode    = str_replace("'", "&acute;", $txtKode);
    $txtJumlah  = $_POST['txtJumlah'];
    $txtJumlah  =
str_replace("'", "&acute;", $txtJumlah);

    # Jika jumlah error message tidak ada
    if(count($message)==0){
        $barangSql ="SELECT * FROM barang WHERE
kd_barang='$txtKode'";
        $barangQry    =    mysql_query($barangSql,
$koneksidb) or die ("Gagal Query Tmp".mysql_error());
        $barangRow = mysql_fetch_array($barangQry);
        $barangQty = mysql_num_rows($barangQry);
        if ($barangQty >= 1) {
            # Hitung Diskon, dan Harga setelah
diskon
                $besarDiskon
intval($barangRow['harga_jual'])          =
(intval($barangRow['diskon']/100);        *
                $hargaDiskon
intval($barangRow['harga_jual']) - $besarDiskon;          =

                $tmpSql = "INSERT INTO tmp_penjualan
SET
                kd_barang='$barangRow[kd_barang]',
                harga_jual='$hargaDiskon',
                qty='$txtJumlah',
                userid='". $_SESSION['SES_LOGIN']. "'";
                mysql_query($tmpSql, $koneksidb) or
die ("Gagal Query detail barang : ".mysql_error());
                $txtKode= "";
                $txtJumlah = "";
            }
            else {
                $message[] = "Tidak ada barang dengan
kode <b>$txtKode'</b>, silahkan ganti";
            }
        }
    }

}
//
=====
=====

```

```

# JIKA TOMBOL SIMPAN DIKLIK
if(isset($_POST['btnSave'])) {
    $message = array();
    if (trim($_POST['cmbTanggal'])=="") {
        $message[] = "Tanggal transaksi belum diisi,
pilih pada combo !";
    }
    $tmpSql = "SELECT COUNT(*) As qty FROM
tmp_penjualan WHERE userid='". $_SESSION['SES_LOGIN']."'";
    $tmpQry = mysql_query($tmpSql, $koneksi) or die
("Gagal Query Tmp".mysql_error());
    $tmpRow = mysql_fetch_array($tmpQry);
    if ($tmpRow['qty'] < 1) {
        $message[] = "<b>Item Barang</b> belum ada
yang dimasukan, <b>minimal 1 barang</b>.";
    }

    # Baca variabel
    $txtPelanggan= $_POST['txtPelanggan'];
    $txtPelanggan=
str_replace("'", "&acute;", $txtPelanggan);
    $txtCatatan = $_POST['txtCatatan'];
    $txtCatatan =
str_replace("'", "&acute;", $txtCatatan);
    $cmbTanggal = $_POST['cmbTanggal'];

    # Jika jumlah error message tidak ada
    if(count($message)==0) {
        $kodeBaru = buatKode("penjualan", "JL");
        $qrySave=mysql_query("INSERT INTO penjualan
SET
no_penjualan=' $kodeBaru',
tgl_transaksi='". InggrisTgl($_POST['cmbTanggal'])."',

pelanggan=' $txtPelanggan', catatan=' $txtCatatan',
userid='". $_SESSION['SES_LOGIN']."'") or die ("Gagal
query".mysql_error());
        if($qrySave){
            # Ambil semua data barang yang
dipilih, berdasarkan kasir yg login
            $tmpSql = "SELECT * FROM tmp_penjualan
WHERE userid='". $_SESSION['SES_LOGIN']."'";
            $tmpQry = mysql_query($tmpSql,
$koneksi) or die ("Gagal Query Tmp".mysql_error());
            while ($tmpRow =
mysql_fetch_array($tmpQry)) {
                // Masukkan semua barang yang
udah diisi ke tabel penjualan detail
                $itemSql = "INSERT INTO
penjualan_item SET
no_penjualan=' $kodeBaru',
kd_barang=' $tmpRow[kd_barang]',

```



```

//
=====
=====

    } // Penutup POST
} // Penutup GET

# TAMPILKAN DATA KE FORM
$nomorTransaksi = buatKode("penjualan", "JL");
$tglTransaksi   =      isset($_POST['cmbTanggal'])      ?
$_POST['cmbTanggal'] : date('d-m-Y');
$dataPelanggan  =      isset($_POST['txtPelanggan'])    ?
$_POST['txtPelanggan'] : 'Umum';
$dataCatatan    =      isset($_POST['txtCatatan'])      ?
$_POST['txtCatatan'] : '';
?>
<form          action="?page=Penjualan-Barang"          method="post"
name="frmadd">
<table        width="750"        cellspacing="1"        class="table-common"
style="margin-top:0px;">
    <tr>
        <td colspan="3" align="right"><h1>TRANSAKSI PENJUALAN
BARANG</h1> </td>
    </tr>
    <tr>
        <td width="20%"><b>No Penjualan </b></td>
        <td width="1%"><b>:</b></td>
        <td width="79%"><input name="txtNomor" value="<?php
echo $nomorTransaksi; ?>" size="9" maxlength="9"
readonly="readonly"/></td></tr>
    <tr>
        <td><b>Tanggal Penjualan </b></td>
        <td><b>:</b></td>
        <td><?php
form_tanggal("cmbTanggal",$tglTransaksi); ?></td>
    </tr>
    <tr>
        <td><b>Pelanggan</b></td>
        <td><b>:</b></td>
        <td><input name="txtPelanggan" value="<?php echo
$dataPelanggan; ?>" size="30" maxlength="30"
onBlur="if (value == '') {value =
'Umum'}"
onfocus="if (value == 'Umum') {value
=''}"/>
        * Diisi nama pelanggan</td>
    </tr>
    <tr>
        <td><b>Catatan</b></td>
        <td><b>:</b></td>

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        <td><input      name="txtCatatan"      value="<?php      echo
$dataCatatan; ?>" size="30" maxlength="100" /></td>
    </tr>
    <tr><td>&nbsp;</td>
    <td>&nbsp;</td>
    <td>&nbsp;</td>
</tr>
<tr>
    <td><b>Kode Barang/ Barcode </b></td>
    <td><b>:</b></td>
    <td><b>
        <input      name="txtKode"      class="angkaC"      size="14"
maxlength="20" />
Qty :
<input class="angkaC" name="txtJumlah" size="2" maxlength="4"
value="1"
        onblur="if (value == '') {value = '1'}"
        onfocus="if (value == '1') {value = ''}"/>
<input name="btnPilih" type="submit" style="cursor:pointer;"
value=" Pilih " />
    </b></td>
</tr>
<tr>
    <td>&nbsp;</td>
    <td>&nbsp;</td>
    <td>&nbsp;</td>
</tr>
<tr>
    <td>&nbsp;</td>
    <td>&nbsp;</td>
    <td><input      name="btnSave"      type="submit"
style="cursor:pointer;" value=" SIMPAN TRANSAKSI " /></td>
</tr>
</table>

<table      class="table-list"      width="750"      border="0"
cellspacing="1" cellpadding="2">
    <tr>
        <th colspan="9">DAFTAR ITEM BARANG</th>
    </tr>
    <tr>
        <td      width="20"      align="center"
bgcolor="#CCCCCC"><b>No</b></td>
        <td      width="52"      align="center"
bgcolor="#CCCCCC"><b>Kode</b></td>
        <td width="268" bgcolor="#CCCCCC"><b>Nama Barang </b></td>
        <td      width="80"      align="right"
bgcolor="#CCCCCC"><b>Harga</b></td>
        <td      width="64"      align="center"
bgcolor="#CCCCCC"><strong>Disc (%)</strong> </td>

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        <td                width="75"                align="right"
bgcolor="#CCCCCC"><strong>Harga Disc</strong> </td>
        <td                width="29"                align="center"
bgcolor="#CCCCCC"><b>Qty</b></td>
        <td                width="71"                align="right"
bgcolor="#CCCCCC"><b>Subtotal</b></td>
        <td                width="45"                align="center"
bgcolor="#FFCC00"><b>Delete</b></td>
    </tr>
<?php
$tmpSql      ="SELECT      barang.* ,          tmp_penjualan.id,
tmp_penjualan.harga_jual As harga_jdisc, tmp_penjualan.qty
              FROM barang, tmp_penjualan
              WHERE barang.kd_barang=tmp_penjualan.kd_barang AND
tmp_penjualan.userid=''. $_SESSION['SES_LOGIN']. ''
              ORDER BY barang.kd_barang ";
$tmpQry  = mysql_query($tmpSql, $koneksi) or die ("Gagal
Query Tmp".mysql_error());
$total  = 0; $qtyBrg = 0; $nomor=0;
while($tmpRow = mysql_fetch_array($tmpQry)) {
    $ID      = $tmpRow['id'];
    $subSotal = $tmpRow['qty'] * $tmpRow['harga_jdisc'];
    $total    = $total    + ($tmpRow['qty'] *
$tmpRow['harga_jdisc']);
    $qtyBrg  = $qtyBrg + $tmpRow['qty'];

    $nomor++;
?>
    <tr>
        <td align="center"><b><?php echo $nomor; ?></b></td>
        <td align="center"><b><?php echo $tmpRow['kd_barang'];
?></b></td>
        <td><?php echo $tmpRow['nm_barang']; ?></td>
        <td align="right"><?php echo
format_angka($tmpRow['harga_jual']); ?></td>
        <td align="center"><?php echo $tmpRow['diskon']; ?></td>
        <td align="right"><?php echo
format_angka($tmpRow['harga_jdisc']); ?></td>
        <td align="center"><?php echo $tmpRow['qty']; ?></td>
        <td align="right"><?php echo format_angka($subSotal);
?></td>
        <td align="center"          bgcolor="#FFFFCC"><a
href="?page=Penjualan-Barang&Act=Delete&ID=<?php echo $ID; ?>"
target="_self"></a></td>
    </tr>
<?php
}?>
    <tr>
        <td colspan="6" align="right"><b>Grand Total : </b></td>
        <td align="center"><b><?php echo $qtyBrg; ?></b></td>

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```
        <td align="right"><b><?php echo format_angka($total);
?></b></td>
        <td align="center">&nbsp;</td>
    </tr>
</table>
</form>
```