BAB V

PENUTUP

A. **Kesimpulan**

1. Aplikasi administrasi dibangun dengan konsep *client server* menggunakan perangkat telepon pintar android sebagai aplikasi pihak *client* dan bahasa pemrograman PHP pada aplikasi *server* dengan antar muka web yang berjalan pada perangkat komputer. Protokol yang digunakan dalam pertukaran data menggunakan format data JSON yang dikelola oleh *web service*. proses pemesanan yang dilakukan dengan sistem aplikasi yang dibangun lebih cepat dan efektif dibanding dengan penggunaan sistem yang manual dengan media kertas dan pulpen karena berkas data akan bertahan untuk waktu lama, mengatasi resiko kehilangan berkas data karena data tersimpan aman dalam sistem, data tidak akan tertukar dengan pelanggan lain, dan memudahkan saat melakukan pencarian data pelanggan jika ada permintaan yang ingin ditambahkan.

    Proses pemesanan yang dilakukan dengan menggunakan sistem aplikasi android dan web dapat meminimalisir biaya operasional.

2. Konsep *client server* yang menggunakan perangkat android sebagai aplikasi pihak *client* dan bahasa pemrograman PHP pada aplikasi *server* dengan antar muka web yang berjalan pada perangkat

komputer akan mempermudah saat proses pemesanan oleh pelanggan. Penginputan data pelanggan oleh admin akan berjalan lebih cepat dan akurat karena tidak lagi menggunakan pulpen dan kertas. Admin menginput identitas pelanggan dan pesanan pengerjaan. Setelah data pelanggan berhasil diinput maka kasir menyelesaikan transaksi pembayaran pada akhir proses sistem.

B.   Saran

1) Diharapkan pengembangan berikutnya dapat menambahkan notifikasi *realtime* dan pemberitahuan dalam bentuk suara maupun pesan teks.

2) Diharapkan dalam penelitian berikutnya dapat mengembangkan Sistem android yang dapat digunakan oleh pengguna umum tidak hanya pemilik bengkel .

3) Diharapkan dalam penelitian berikutnya dapat menambahkan laporan statistik penghasilan dalam bentuk grafik perminggu maupun perbulan.

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LAMPIRAN

LAMPIRAN

Kode Program

jasa.php

```php
<?php
$keys = array();
$qkeys1 = mysql_query("SELECT DISTINCT id_jasa FROM tb_jasa");
$qkeys2 = mysql_query("SELECT DISTINCT jenis_jasa FROM tb_jasa");
while ($rkeys1 = mysql_fetch_assoc($qkeys1)) {
    $keys[] = $rkeys1['id_jasa'];
}
while ($rkeys2 = mysql_fetch_assoc($qkeys2)) {
    $keys[] = $rkeys2['jenis_jasa'];
}
$datakeys = json_encode($keys);
function hasil($key, $jmldata) {
    ?>
    <div class="ui-widget">
    <div class="ui-state-highlight ui-corner-all" style="margin-top:20px; padding:0 .7em; font-size:0.8em;">
        <p><span class="ui-icon ui-icon-info" style="float: left; margin-right:
.3em;"></span>Pencarian dengan kata kunci <b><?php echo $key; ?></b> ditemukan
<b><?php echo $jmldata; ?></b>.</p>
    </div>
    </div></br>
    <?php
}
if (isset($_GET['del'])) {
    $del = $_GET['del'];
    mysql_query("DELETE FROM tb_jasa WHERE id_jasa = '$del'");
    ?><script>document.location="home.php?bg=jasa"</script><?php
}
$str['id_jasa']    = 'Id Jasa';
$str['jenis_jasa'] = 'Jenis Jasa';
$str['tarif']      = 'Tarif';
$sort = $_GET['sort'];
if (empty($sort)) {
    $sort = 'id_jasa';
}
$dir = $_GET['dir'];
if (empty($dir)) {
    $dir = 'ASC';
}
$columns = array("id_jasa", "jenis_jasa", "tarif");
foreach ($columns as $column) {
    $string[$column] = $str[$column];
    if ($sort != $column) {
        $columnicon = "";
    if ($column == "id_jasa") {
        $columndir = "DESC";
    } else {
        $columndir = "ASC";
    }
    } else {
        $columndir = $dir == "ASC" ? "DESC":"ASC";
    if ($column == "id_jasa") {
        $columnicon = $dir == "ASC" ? "up":"down";
```

```php
    } else {
        $columnicon = $dir == "ASC" ? "down":"up";
    }
        $columnicon = " <img src=\"../images/$columnicon.png\" alt=\"\" />";
    }
    $$column = "<a
href=\"home.php?bg=jasa&sort=$column&amp;dir=$columndir\">".$string[$column]."</a>$co
lumnicon";
}
$batas = $_GET['batas'];
if (empty($batas)) {
    $batas = 10;
}
$hal = $_GET['hal'];
if (empty($hal)) {
    $hal = 0;
    $posisi = 0;
} else {
    $posisi = $hal * $batas;
}
?>
<script>
$(function() {
    $("#kata_kunci").autocomplete({ source: <?php echo $datakeys; ?> });
    $("#all").button();
    $("#tambah").button();
});
</script>
<div id="post">
    <table width="100%" cellpadding="5" cellspacing="5">
        <tr>
            <td width="50%"><h2>Data Jasa</h2></td>
            <td width="50%" align="right" valign="top">
        <form action="" method="post">
                <div align="left" style="width: 190px; height: inherit; left: 50px; top: 30px;
padding: 10px; font-size: 0.8em;" class="ui-widget ui-widget-content ui-corner-all"><div
class="ui-dialog-content ui-widget-content" style="background: none; border: 0;">
            <input type="text" size="30" name="kata_kunci" id="kata_kunci" placeholder="Tulis
kata kunci lalu 'Enter'." title="Tulis id jasa atau jenis jasa yang akan dicari." /> <img
src="../images/search.png" />
        </div></div>
        </form>
    </td>
    </tr>
        <tr>
            <td colspan="2">
        <button id="all" class="ui-state-default ui-corner-all"
onclick="location.href='home.php?bg=jasa'" style="font-size:0.8em;" title="Refresh Data
Jasa">Refresh</button>
        <a href="home.php?bg=updatejasa"><input type="submit" id="tambah"
value="Tambah" style="font-size:0.8em;" title="Tambah Data Jasa" /></a>
        </td>
        </tr>
        <tr>
        <td colspan="2">
                <?php
                class object{};
                $table = new object;
                $table->width = '40%';
```

```php
            $table->size  = array('10%', '15%', '10%', '5%');
            $table->head  = array($id_jasa, $jenis_jasa, $tarif, 'Aksi');
            $table->align = array('left', 'left', 'right', 'center');
            $key = $_POST['kata_kunci'];
            if (isset($key)) {
                $sql = "SELECT * FROM tb_jasa WHERE id_jasa LIKE '%$key%' OR
jenis_jasa LIKE '%$key%' ORDER BY $sort $dir";
            } else {
                $sql = "SELECT * FROM tb_jasa ORDER BY $sort $dir LIMIT $posisi,
$batas";
            }
            $qry = mysql_query($sql);
            $jmldata = mysql_num_rows($qry);
            if ($jmldata > 0) {
                if (isset($key)) {
                    hasil($key, $jmldata);
                }
                while($data = mysql_fetch_array($qry)) {
                    $table->data[] = array($data['id_jasa'],
                                           $data['jenis_jasa'],
                                           formatRupiah($data['tarif']),
                                           "<a
href=\"home.php?bg=updatejasa&id=$data[id_jasa]\" title=\"Edit Data Jasa\"><img
src=\"../images/edit.png\" /></a>
                                           <a href=\"javascript: confDel('jasa', '".$data['id_jasa']."')\"
title=\"Hapus Data Jasa\"><img src=\"../images/del.png\" /></a>");
                }
            } else {
                $table = NULL;
                if (isset($key)) {
                    ?>
    <div class="ui-widget">
        <div class="ui-state-error ui-corner-all" style="padding: 0 .7em; font-size:0.8em;">
        <p><span class="ui-icon ui-icon-alert" style="float: left; margin-right:
.3em;"></span>Pencarian dengan kata kunci <b><?php echo $key; ?></b> tidak
ditemukan!</p>
        </div>
    </div>
                    <?php
                } else {
                    ?>
    <div class="ui-widget">
        <div class="ui-state-error ui-corner-all" style="padding: 0 .7em; font-size:0.8em;">
        <p><span class="ui-icon ui-icon-alert" style="float: left; margin-right:
.3em;"></span>Data tidak ditemukan!</p>
        </div>
    </div>
                    <?php
                }
            }
            if (!empty($table)) {
                if (isset($key)) {
                    print_table($table);
                } else {
                    $qry = mysql_query("SELECT * FROM tb_jasa");
                    $jmldata = mysql_num_rows($qry);
                    echo "<div>Total data : ".$jmldata."</div>";
                    print_table($table);
```

```php
                        print_paging_bar($jmldata, $hal, $batas,
"home.php?bg=jasa&sort=$sort&amp;dir=$dir&amp;batas=$batas&amp;", 'hal');
                }
            }
    ?>
            </td>
    </tr>
    </table>
</div>
```

updatejasa.php
```php
<?php
$param = 'J-';
$datamax = mysql_fetch_assoc(mysql_query("SELECT MAX(id_jasa) AS id FROM tb_jasa
WHERE id_jasa LIKE '$param%'"));
$maxid = $datamax['id'];
$noUrut = (int)substr($maxid,2,4);
$noUrut++;
$id_jasa = $param.sprintf("%04s",$noUrut);
$qcek = mysql_query("SELECT * FROM tb_jasa WHERE jenis_jasa = '$_POST[jenis_jasa]'");
$rcek = mysql_num_rows($qcek);
if ($rcek == 0) {
    if (isset($_POST['save'])) {
        $id = $_POST['id'];
        if ($id == '') {
            $sql = "INSERT INTO tb_jasa (id_jasa, jenis_jasa, tarif) VALUES ('$id_jasa',
'$_POST[jenis_jasa]', '$_POST[tarif]')";
        } else {
            $sql = "UPDATE tb_jasa SET jenis_jasa = '$_POST[jenis_jasa]', tarif =
'$_POST[tarif]' WHERE id_jasa = '$id'";
        }
        if (mysql_query($sql)) {
            ?><script
language="javascript">document.location="home.php?bg=jasa";</script><?php
        }
    }
} else {
    ?><script>warnRec('jenis jasa');</script><?php
}
$id = '';
if (isset($_GET['id'])) {
    $id = $_GET['id'];
    $detail = mysql_query("SELECT * FROM tb_jasa WHERE id_jasa = '$id'");
    $data = mysql_fetch_array($detail);
} else {
    $data['id_jasa']      = '';
    $data['jenis_jasa']   = '';
    $data['tarif']        = '';
}
?>
<script>
$(function() {
    function cek() {
        if ((document.getElementById('jenis_jasa').value) == '') {
            warnText("Jenis jasa");
            return false;
        } else if ((document.getElementById('tarif').value) == '') {
            warnText("Tarif");
            return false;
```

```
                    }
            }
            $("#add").button();
            $("#add").click(function(event) { return cek(); });
            $("#edit").button();
            $("#edit").click(function(event) { return cek(); });
            $("#reset").button();
            $("#batal").button();
});
</script>
<div id="post">
    <table width="100%" cellpadding="5" cellspacing="5">
        <tr>
        <td><?php
                    if ($id == '') {
                        echo "<h2>Input Data Jasa</h2>";
                    } else {
                        echo "<h2>Edit Data Jasa</h2>";
                    }
                    ?></td>
        </tr>
    <tr>
        <td>
        <div align="left" style="width: 300px; height: inherit; left: 50px; top: 30px; padding:
10px; font-size: 1em;" class="ui-widget ui-widget-content ui-corner-all"><div class="ui-dialog-
content ui-widget-content" style="background: none; border: 0;">
        <table width="100%" cellpadding="3" cellspacing="3">
        <form action="" method="post">
            <input name="id" type="hidden" value="<?php echo $id; ?>" />
        <tr>
            <td>Id Jasa</td>
            <td>:</td>
            <td><input type="text" name="id_jasa" value="<?php
                if ($id == '') {
                    echo $id_jasa;
                    } else {
                    echo $data['id_jasa'];
                    }
                                ?>" size="10" title="Id Jasa" style="background:#DEDEDE;
color:#4D4D4D;" /readonly></td>
            </tr>
        <tr>
            <td>Jenis Jasa</td>
            <td>:</td>
            <td><input type="text" id="jenis_jasa" name="jenis_jasa" value="<?php echo
$data['jenis_jasa']; ?>" size="30" placeholder="Isi jenis jasa..." autocomplete="off" title="Jenis
jasa harus diisi!" autofocus="autofocus" /></td>
        </tr>
        <tr>
            <td>Tarif</td>
            <td>:</td>
            <td><input type="text" id="tarif" name="tarif" value="<?php echo $data['tarif']; ?>"
onkeypress="return onlyNum(event, true)"
onkeyup="document.getElementById('trf').innerHTML = formatCurrency(this.value);"
onmouseover="document.getElementById('trf').innerHTML = formatCurrency(this.value);"
size="15" placeholder="Isi tarif..." autocomplete="off" title="Tarif harus diisi!" /> <span
id="trf"></span></td>
            </tr>
        <tr>
```

```
            <td colspan="3"> </td>
        </tr>
        <tr>
            <td colspan="3">
                            <?php
            if ($id=='') {
                                echo "<input type=\"submit\" id=\"add\" name=\"save\"
title=\"Simpan Data Baru\" value=\"Simpan\" />
                                    <a href=\"home.php?bg=updatejasa\"><input
type=\"button\" id=\"reset\" value=\"Reset\" title=\"Reset Data Baru\" /></a>";
            } else {
                                echo "<input type=\"submit\" id=\"edit\" name=\"save\"
title=\"Simpan Data Jasa\" value=\"Simpan\" />
                                    <a
href=\"home.php?bg=updatejasa&id=$data[id_jasa]\"><input type=\"button\" id=\"reset\"
value=\"Reset\" title=\"Reset Data Jasa\" /></a>";
            }
                            ?>
            <a href="home.php?bg=jasa"><input type="button" id="batal" value="Batal"
title="Kembali Ke Data Jasa" /></a>
        </td>
        </tr>
    </form>
    </table>
    </div></div>
    </td>
    </tr>
  </table>
</div>
```

addpengerjaan.php
```php
<?php
$param = 'TRP-';
$datamax = mysql_fetch_assoc(mysql_query("SELECT MAX(id_pengerjaan) AS id FROM
tb_pengerjaan WHERE id_pengerjaan LIKE '$param%'"));
$maxid = $datamax['id'];
$noUrut = (int)substr($maxid,4,4);
$noUrut++;
$id_pengerjaan = $param.sprintf("%04s",$noUrut);
$plgn = array();
$qplgn = mysql_query("SELECT * FROM tb_pelanggan ORDER BY id_pelanggan");
while ($rplgn = mysql_fetch_assoc($qplgn)) {
    $plgn[] = array('label' => $rplgn['id_pelanggan'].', '.$rplgn['nama_pelanggan'].',
'.$rplgn['alamat'].', '.$rplgn['no_telpon'], 'value' => $rplgn['id_pelanggan']);
}
$dataplgn = json_encode($plgn);
$mknk = array();
$qmknk = mysql_query("SELECT id_mekanik, nama_mekanik FROM tb_mekanik WHERE
status_kerja = 'Aktif' ORDER BY id_mekanik");
while ($rmknk = mysql_fetch_assoc($qmknk)) {
    $mknk[] = array('label' => $rmknk['id_mekanik'].', '.$rmknk['nama_mekanik'], 'value' =>
$rmknk['id_mekanik']);
}
$datamknk = json_encode($mknk);
$param = 'P-';
$datamax = mysql_fetch_assoc(mysql_query("SELECT MAX(id_pelanggan) AS id FROM
tb_pelanggan WHERE id_pelanggan LIKE '$param%'"));
$maxid = $datamax['id'];
$noUrut = (int)substr($maxid,2,4);
```

```php
$noUrut++;
$id_pelanggan = $param.sprintf("%04s",$noUrut);
if (isset($_POST['saveplgn'])) {
    $sql = "INSERT INTO tb_pelanggan (id_pelanggan, nama_pelanggan, alamat, no_telpon)
VALUES ('$_POST[id_pelanggan]', '$_POST[nama_pelanggan]', '$_POST[alamat]',
'$_POST[no_telpon]')";
    if (mysql_query($sql)) {
        ?><script
language="javascript">document.location="home.php?bg=addpengerjaan";</script><?php
    }
}
?>
<script>
$(function() {
    function cekPelanggan() {
        if ((document.getElementById('nama_pelanggan').value) == '') {
            warnText("Nama pelanggan");
            return false;
        } else if ((document.getElementById('alamat').value) == '') {
            warnText("Alamat");
            return false;
        } else if ((document.getElementById('no_telpon').value) == '') {
            warnText("No. telpon");
            return false;
        }
    }
    function cek() {
        if ((document.getElementById('tgl_pengerjaan').value) == '') {
            warnText("Tgl pengerjaan");
            return false;
        } else if ((document.getElementById('pelanggan').value) == '') {
            warnText("Id pelanggan");
            return false;
        } else if ((document.getElementById('permintaan').value) == '') {
            warnText("Permintaan");
            return false;
        } else if ((document.getElementById('mekanik').value) == '') {
            warnText("Id mekanik");
            return false;
        }
    }
    $("#tgl_pengerjaan").datepicker({ altFormat: 'yy-mm-dd' });
    $("#tgl_pengerjaan").change(function() { $("#tgl_pengerjaan").datepicker("option",
"dateFormat","yy-mm-dd"); });
    $("#pelanggan").autocomplete({ source: <?php echo $dataplgn; ?> });
    $("#addpelanggan").dialog({
        autoOpen: false,
        width: 320
    });
    $("#addplgn").button();
    $("#addplgn").click(function(event) {
        $("#addpelanggan").dialog("open");
        event.preventDefault();
    });
    $("#saveplgn").button();
    $("#saveplgn").click(function(event) { return cekPelanggan(); });
    $("#resetplgn").button();
    $("#mekanik").autocomplete({ source: <?php echo $datamknk; ?> });
    $("#add").button();
```

```
        $("#add1").button();
        $("#add2").button();
        $("#add").click(function(event) { return cek(); });
        $("#reset").button();
        $("#detail").button();
        $("#view").button();
});
</script>
<div id="addpelanggan" title="Input Data Pelanggan Baru" style="font-size:1.1em;">
    <table width="100%" cellpadding="3" cellspacing="3">
    <form action="" method="post">
        <tr>
            <td>Id Pelanggan</td>
        <td>:</td>
            <td><input type="text" name="id_pelanggan" value="<?php echo $id_pelanggan; ?>"
size="10" title="Id Pelanggan" style="background:#DEDEDE; color:#4D4D4D;"
/readonly></td>
        </tr>
        <tr>
            <td>Nama Pelanggan</td>
        <td>:</td>
            <td><input type="text" id="nama_pelanggan" name="nama_pelanggan" size="30"
title="Nama pelanggan harus diisi!" placeholder="Isi nama pelanggan..." autocomplete="off"
autofocus="autofocus" /></td>
        </tr>
        <tr>
            <td valign="top">Alamat</td>
        <td valign="top">:</td>
            <td><textarea id="alamat" name="alamat" title="Alamat harus diisi!"
placeholder="Isi alamat..."></textarea></td>
        </tr>
        <tr>
            <td>No. Telpon</td>
        <td>:</td>
            <td><input type="text" id="no_telpon" name="no_telpon" size="15" title="No. telpon
harus diisi!" placeholder="Isi no. telpon..." autocomplete="off" /></td>
        </tr>
        <tr>
        <td colspan="3"> </td>
    </tr>
    <tr>
    <td colspan="3">
            <?php echo "<button type=\"submit\" id=\"saveplgn\" name=\"saveplgn\"
title=\"Simpan Data Baru\" />Simpan</button>"; ?>
        <button type="reset" id="resetplgn" name="reset" title="Reset Data
Baru">Reset</button>
        </td>
        </tr>
    </form>
    </table>
</div>
<div id="post">
    <table width="100%" cellpadding="5" cellspacing="5">
        <tr>
        <td><h2>Transaksi Pengerjaan</h2></td>
        </tr>
    <tr>
        <td>
```

```html
<div align="left" style="width: inherit; height: inherit; left: 50px; top: 30px; padding: 10px; font-size: 1em;" class="ui-widget ui-widget-content ui-corner-all"><div class="ui-dialog-content ui-widget-content" style="background: none; border: 0;">
    <table width="100%">
        <tr>
        <td width="32.5%" valign="top">
            <table width="100%" cellpadding="3" cellspacing="3">
                <form action="home.php?bg=updatepengerjaan&id=<?php echo $id_pengerjaan; ?>" method="post">
        <tr>
        <td>Id Pengerjaan</td>
        <td>:</td>
        <td><input type="text" name="id_pengerjaan" value="<?php echo $id_pengerjaan; ?>" size="10" title="Id Pengerjaan" style="background:#DEDEDE; color:#4D4D4D;" /readonly></td>
        </tr>
        <tr>
        <td>Tgl Pengerjaan</td>
        <td>:</td>
        <td><input type="text" id="tgl_pengerjaan" name="tgl_pengerjaan" value="<?php echo $date_db; ?>" placeholder="Tgl Pengerjaan" title="Tgl Pengerjaan" autocomplete="off" /></td>
        </tr>
        <tr>
        <td>Id Pelanggan</td>
        <td>:</td>
        <td>
            <input type="text" id="pelanggan" name="pelanggan" placeholder="Pelanggan" title="Tulis id pelanggan, nama pelanggan, alamat, atau no. telpon yang akan dicari." size="10" /> 
                <a href="#"><img src="../images/addplgn.png" id="addplgn" title="Tambah Pelanggan Baru" /></a>
        </td>
        </tr>
        <tr>
        <td valign="top">Permintaan</td>
        <td valign="top">:</td>
        <td valign="top"><textarea id="permintaan" name="permintaan" placeholder="Isi permintaan pelanggan..." title="Permintaan harus diisi!"></textarea></td>
        </tr>
        <tr>
        <td>Id Mekanik</td>
        <td>:</td>
        <td><input type="text" id="mekanik" name="mekanik" placeholder="Mekanik" title="Tulis id mekanik atau nama mekanik yang akan dicari." size="10" /></td>
        </tr>
        <tr>
            <td colspan="3"></br><b>Total Pengerjaan :</b></td>
        </tr>
        <tr>
            <td colspan="3"><h2><?php echo formatRupiah($data['total']); ?></h2></td>
        </tr>
        <tr>
            <td colspan="3"></br><?php echo "<button type=\"submit\" id=\"add\" name=\"save\" title=\"Simpan Transaksi Pengerjaan\" />Simpan</button>"; ?></td>
        </tr>
        </form>
        </table>
        </td>
```

```html
<td width="2.5%"> </td>
<td width="65%" valign="top">
    <table width="100%">
<form action="" method="post">
    <tr>
    <td><h3>Detail Transaksi Pengerjaan</h3></td>
    </tr>
    <tr>
    <td>Jasa</td>
    </tr>
    <tr>
    <td>
    <?php
    if (isset($_POST['cari1'])) {
        $qpilih1 = mysql_query("SELECT * FROM tb_jasa WHERE id_jasa =
'$_POST[jasa]'");
        $rpilih1 = mysql_fetch_array($qpilih1);
    }
    ?>
    <input type="text" id="jasa" name="jasa" value="<?php echo $rpilih1['id_jasa'];
?>" placeholder="Id Jasa" title="Tulis id jasa atau jenis jasa yang akan dicari." size="8" />
    <input type="text" name="jenis_jasa" value="<?php echo $rpilih1['jenis_jasa'];
?>" size="15" placeholder="Jenis Jasa" title="Jenis Jasa" style="background:#DEDEDE;
color:#4D4D4D;" /readonly>
    <input type="hidden" name="tarif" value="<?php echo $rpilih1['tarif']; ?>" />
    <input type="text" name="rptarif" value="<?php echo
formatRupiah($rpilih1['tarif']); ?>" size="15" title="Tarif" style="background:#DEDEDE;
color:#4D4D4D;" /readonly>
    <button type="submit" name="cari1" style="visibility:hidden;"></button>
    <input type="text" id="qty1" name="qty1" size="5" onkeypress="return
onlyNum(event, true)" placeholder="Qty" title="Tulis banyak jasa yang dikerjakan."
autocomplete="off" />
    <button type="submit" id="add1" name="add1" title="Tambah Detail
Pengerjaan"><img src="../images/plus.png" /></button>
        <?php
                if (isset($_POST['add1'])) {
                    $subtotal1 = $_POST['qty1'] * $_POST['tarif'];
                    mysql_query("INSERT INTO tb_pengerjaan_detail
(id_pengerjaan, id_jasa, jumlah, subtotal) VALUES ('$data[id_pengerjaan]', '$_POST[jasa]',
'$_POST[qty1]', '$subtotal1')");
                ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
                }
                ?>
    </td>
    </tr>
    <tr>
    <td>
    <table class="tabletheme" width="100%" cellpadding="2" cellspacing="2">
            <tr bgcolor="#999999" align="center">
                    <td width="5%">No</td>
    <td width="10%">Id Jasa</td>
    <td width="10%">Jenis Jasa</td>
    <td width="10%">Tarif</td>
    <td width="5%">Qty</td>
    <td width="10%">Subtotal</td>
    <td width="5%">Aksi</td>
    </tr>
```

```php
        <tr bgcolor="#CCCCCC">
        <?php
        $no1 = 0;
                        $total1 = 0;
                        $qlihat1 = mysql_query("SELECT
a.id_pengerjaan_detail, a.id_jasa, b.jenis_jasa, b.tarif, a.jumlah, a.subtotal FROM
tb_pengerjaan_detail a, tb_jasa b WHERE a.id_pengerjaan = '$data[id_pengerjaan]' AND
a.id_jasa = b.id_jasa ORDER BY a.id_jasa");
                        while($rlihat1 = mysql_fetch_array($qlihat1)) {
                            $no1++;
                            $total1 += $rlihat1['subtotal'];
                            ?>
        <td align="center"><?php echo $no1; ?></td>
        <td align="center"><?php echo $rlihat1['id_jasa']; ?></td>
        <td align="left"><?php echo $rlihat1['jenis_jasa']; ?></td>
        <td align="right"><?php echo formatRupiah($rlihat1['tarif']); ?></td>
        <td align="right"><?php echo $rlihat1['jumlah']; ?></td>
        <td align="right"><?php echo formatRupiah($rlihat1['subtotal']); ?></td>
        <td align="center"><?php echo "<a
href=\"home.php?bg=updatepengerjaan&id=$data[id_pengerjaan]&del=$rlihat1[id_pengerjaa
n_detail]\"><img src=\"../images/del.png\" /></a></td>
        </tr>";
                    }
                        ?>
        <tr align="right" style="font-weight:bold;">
        <td colspan="5" align="right">Total</td><td><?php echo formatRupiah($total1);
?></td><td></td>
        </tr>
                </table>
        </td>
                </tr>
    <tr>
        <td> </td>
    </tr>
                <tr>
                    <td>Bahan</td>
                </tr>
    <tr>
            <td>
        <?php
                        if (isset($_POST['bahan'])) {
                            $qpilih2 = mysql_query("SELECT * FROM tb_bahan
WHERE id_bahan = '$_POST[bahan]'");
                            $rpilih2 = mysql_fetch_array($qpilih2);
                        }
                        ?>
        <input type="text" id="bahan" name="bahan" value="<?php echo
$rpilih2['id_bahan']; ?>" placeholder="Id Bahan" title="Tulis id bahan atau jenis bahan yang
akan dicari." size="8" />
        <input type="text" name="jenis_bahan" value="<?php echo
$rpilih2['jenis_bahan']; ?>" size="15" placeholder="Jenis Bahan" title="Jenis Bahan"
style="background:#DEDEDE; color:#4D4D4D;" /readonly>
        <input type="hidden" name="harga" value="<?php echo $rpilih2['harga_jual'];
?>" />
        <input type="text" name="rpharga" value="<?php echo
formatRupiah($rpilih2['harga_jual']); ?>" size="10" title="Harga"
style="background:#DEDEDE; color:#4D4D4D;" /readonly>
```

```
<input type="text" name="satuan" value="<?php echo $rpilih2['satuan']; ?>"
size="5" placeholder="Satuan" title="Satuan" style="background:#DEDEDE; color:#4D4D4D;"
/readonly>
        <input type="text" name="stok" value="<?php echo $rpilih2['stok']; ?>" size="5"
placeholder="Stok" title="Stok" style="background:#DEDEDE; color:#4D4D4D;" /readonly>
        <button type="submit" name="cari2" style="visibility:hidden;"></button>
        <input type="text" id="qtyp" name="qtyp" size="3" onkeypress="return
onlyNum(event, true)" placeholder="P" title="Tulis panjang bahan yang digunakan."
autocomplete="off" />
        <input type="text" id="qtyl" name="qtyl" size="3" onkeypress="return
onlyNum(event, true)" placeholder="L" title="Tulis lebar bahan yang digunakan."
autocomplete="off" />
        <input type="text" id="qtyt" name="qtyt" size="3" onkeypress="return
onlyNum(event, true)" placeholder="T" title="Tulis tebal bahan yang digunakan."
autocomplete="off" />
        <button type="submit" id="add2" name="add2" title="Tambah Detail
Pengerjaan"><img src="../images/plus.png" /></button>
            <?php
                    if (isset($_POST['add2'])) {
                        $subtotal2 = $_POST['qty2'] * $_POST['harga'];
                        $stok = $rpilih2['stok'] - $_POST['qty2'];
                        if ($rpilih2['stok'] < $_POST['qty2']) {
                            ?><script
language="javascript">warnStok();</script><?php
                        } else {
                            mysql_query("INSERT INTO tb_pengerjaan_detail
(id_pengerjaan, id_bahan, jumlah, subtotal) VALUES ('$data[id_pengerjaan]',
'$_POST[bahan]', '$_POST[qty2]', '$subtotal2')");
                            mysql_query("UPDATE tb_bahan SET stok =
'$stok' WHERE id_bahan = '$_POST[bahan]'");
                            ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
                        }
                    }
                    ?>
    </td>
    </tr>
    <tr>
    <td>
        <table class="tabletheme" width="100%" cellpadding="2" cellspacing="2">
        <tr bgcolor="#999999" align="center">
        <td width="5%">No</td>
        <td width="10%">Id Bahan</td>
        <td width="10%">Jenis Bahan</td>
        <td width="10%">Harga</td>
        <td width="5%">Satuan</td>
        <td width="5%">Qty</td>
        <td width="10%">Subtotal</td>
        <td width="5%">Aksi</td>
        </tr>
        <tr bgcolor="#CCCCCC">
        <?php
                        $no2 = 0;
                        $total2 = 0;
                        $qlihat2 = mysql_query("SELECT
a.id_pengerjaan_detail, a.id_bahan, b.jenis_bahan, b.harga_jual, b.satuan, a.jumlah, a.subtotal
FROM tb_pengerjaan_detail a, tb_bahan b WHERE a.id_pengerjaan = '$data[id_pengerjaan]'
AND a.id_bahan = b.id_bahan ORDER BY a.id_bahan");
```

```php
                                                while($rlihat2 = mysql_fetch_array($qlihat2)) {
                                                    $no2++;
                                                    $total2 += $rlihat2['subtotal'];
                                                    ?>
                <td align="center"><?php echo $no2; ?></td>
                <td align="center"><?php echo $rlihat2['id_bahan']; ?></td>
                <td align="left"><?php echo $rlihat2['jenis_bahan']; ?></td>
                <td align="right"><?php echo formatRupiah($rlihat2['harga_jual']); ?></td>
                <td align="right"><?php echo $rlihat2['satuan']; ?></td>
                <td align="right"><?php echo $rlihat2['jumlah']; ?></td>
                <td align="right"><?php echo formatRupiah($rlihat2['subtotal']); ?></td>
                <td align="center"><?php echo "<a
href=\"home.php?bg=updatepengerjaan&id=$data[id_pengerjaan]&del=$rlihat2[id_pengerjaa
n_detail]\"><img src=\"../images/del.png\" /></a></td>
                </tr>";
                                            }
                                        $grand_total = $total1 + $total2;
                                            mysql_query("UPDATE tb_pengerjaan SET total =
'$grand_total' WHERE id_pengerjaan = '$data[id_pengerjaan]'");
                                            ?>
                <input type="hidden" name="grand_total" value="<?php echo $grand_total; ?>"
/>
                <tr align="right" style="font-weight:bold;">
                    <td colspan="6" align="right">Total</td><td><?php echo
formatRupiah($total2); ?></td><td></td>
                </tr>
                                        </table>
        </td>
                                    </tr>
        </form>
        </table>
        </td>
    </tr>
    </table>
    <table width="32.5%" cellpadding="3" cellspacing="3">
                    <tr>
                        <td colspan="6"> </td>
                    </tr>
        <tr>
            <td colspan="6">
                                <?php echo"<a href=\"home.php?bg=addpengerjaan\"><input
type=\"button\" id=\"reset\" title=\"Reset Transaksi Baru\" value=\"Reset\" /></a>";?>
                    <a href="home.php?bg=pengerjaan"><input type="button" id="view"
title="Lihat Data Transaksi Pengerjaan" value="Lihat Data" /></a>
            </td>
        </tr>
                </form>
        </table>
        </div></div>
    </td>
    </tr>
    </table>
</div>
```

updatepengerjaan.php
```php
<?php
$param = 'TRP-';
$datamax = mysql_fetch_assoc(mysql_query("SELECT MAX(id_pengerjaan) AS id FROM
tb_pengerjaan WHERE id_pengerjaan LIKE '$param%'"));
```

```php
$maxid = $datamax['id'];
$noUrut = (int)substr($maxid,4,4);
$noUrut++;
$id_pengerjaan = $param.sprintf("%04s",$noUrut);
if (isset($_POST['save'])) {
    $id = $_POST['id'];
    if ($id == '') {
        $sql = "INSERT INTO tb_pengerjaan (id_pengerjaan, tgl_pengerjaan, id_pelanggan,
permintaan, id_mekanik, total, status_bayar) VALUES ('$id_pengerjaan',
'$_POST[tgl_pengerjaan]', '$_POST[pelanggan]', '$_POST[permintaan]', '$_POST[mekanik]',
'0', 'Belum')";
    } else {
        $sql = "UPDATE tb_pengerjaan SET tgl_pengerjaan = '$_POST[tgl_pengerjaan]',
id_pelanggan = '$_POST[pelanggan]', permintaan = '$_POST[permintaan]', id_mekanik =
'$_POST[mekanik]', total = '$_POST[grand_total]' WHERE id_pengerjaan = '$id'";
    }
    mysql_query($sql);
}
$id = $_GET['id'];
$qry = "SELECT a.id_pengerjaan, a.tgl_pengerjaan, a.id_pelanggan, a.permintaan,
a.id_mekanik, a.total, b.nama_pelanggan, b.alamat, b.no_telpon, c.nama_mekanik FROM
tb_pengerjaan a, tb_pelanggan b, tb_mekanik c WHERE a.id_pengerjaan = '$id' AND
b.id_pelanggan = a.id_pelanggan AND c.id_mekanik = a.id_mekanik";
$data = mysql_fetch_array(mysql_query($qry));
if (isset($_GET['del'])) {
    $del = $_GET['del'];
    $qstok = mysql_query("SELECT a.id_bahan, a.jumlah, b.stok FROM tb_pengerjaan_detail
a, tb_bahan b WHERE a.id_pengerjaan_detail = '$del' AND a.id_bahan = b.id_bahan");
    $rstok = mysql_fetch_array($qstok);
    $restok = $rstok['jumlah'] + $rstok['stok'];
    mysql_query("UPDATE tb_bahan SET stok = '$restok' WHERE id_bahan =
'$rstok[id_bahan]'");
    mysql_query("DELETE FROM tb_pengerjaan_detail WHERE id_pengerjaan_detail =
'$del'");
    ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
}
$plgn = array();
$qplgn = mysql_query("SELECT * FROM tb_pelanggan ORDER BY id_pelanggan");
while ($rplgn = mysql_fetch_assoc($qplgn)) {
    $plgn[] = array('label' => $rplgn['id_pelanggan'].', '.$rplgn['nama_pelanggan'].',
'.$rplgn['alamat'].', '.$rplgn['no_telpon'], 'value' => $rplgn['id_pelanggan']);
}
$dataplgn = json_encode($plgn);
$mknk = array();
$qmknk = mysql_query("SELECT id_mekanik, nama_mekanik FROM tb_mekanik WHERE
status_kerja = 'Aktif' ORDER BY id_mekanik");
while ($rmknk = mysql_fetch_assoc($qmknk)) {
    $mknk[] = array('label' => $rmknk['id_mekanik'].', '.$rmknk['nama_mekanik'], 'value' =>
$rmknk['id_mekanik']);
}
$datamknk = json_encode($mknk);
$param = 'P-';
$datamax = mysql_fetch_assoc(mysql_query("SELECT MAX(id_pelanggan) AS id FROM
tb_pelanggan WHERE id_pelanggan LIKE '$param%'"));
$maxid = $datamax['id'];
$noUrut = (int)substr($maxid,2,4);
$noUrut++;
```

```php
$id_pelanggan = $param.sprintf("%04s",$noUrut);
if (isset($_POST['saveplgn'])) {
    $sql = "INSERT INTO tb_pelanggan (id_pelanggan, nama_pelanggan, alamat, no_telpon)
VALUES ('$_POST[id_pelanggan]', '$_POST[nama_pelanggan]', '$_POST[alamat]',
'$_POST[no_telpon]')";
    if (mysql_query($sql)) {
        ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
    }
}
if (isset($_POST['editplgn'])) {
    mysql_query("UPDATE tb_pengerjaan SET tgl_pengerjaan = '$_POST[tgl_pengerjaan]',
id_pelanggan = '$_POST[pelanggan]', permintaan = '$_POST[permintaan]', id_mekanik =
'$_POST[mekanik]', total = '$_POST[grand_total]' WHERE id_pengerjaan = '$id'");
    ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
}
if (isset($_POST['mekanik'])) {
    mysql_query("UPDATE tb_pengerjaan SET tgl_pengerjaan = '$_POST[tgl_pengerjaan]',
id_pelanggan = '$_POST[pelanggan]', permintaan = '$_POST[permintaan]', id_mekanik =
'$_POST[mekanik]', total = '$_POST[grand_total]' WHERE id_pengerjaan = '$id'");
    ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
}
$jasa = array();
$qjasa = mysql_query("SELECT id_jasa, jenis_jasa, tarif FROM tb_jasa");
while ($rjasa = mysql_fetch_assoc($qjasa)) {
    $jasa[] = array('label' => $rjasa['id_jasa'].', '.$rjasa['jenis_jasa'].',
'.formatRupiah($rjasa['tarif']), 'value' => $rjasa['id_jasa']);
}
$datajasa = json_encode($jasa);
$bahan = array();
$qbahan = mysql_query("SELECT id_bahan, jenis_bahan, harga_jual, satuan, stok FROM
tb_bahan");
while ($rbahan = mysql_fetch_assoc($qbahan)) {
    $bahan[] = array('label' => $rbahan['id_bahan'].', '.$rbahan['jenis_bahan'].',
'.formatRupiah($rbahan['harga_jual']).', '.$rbahan['satuan'].', '.$rbahan['stok'], 'value' =>
$rbahan['id_bahan']);
}
$databahan = json_encode($bahan);
?>
<script>
$(function() {
    function cekPelanggan() {
        if ((document.getElementById('nama_pelanggan').value) == '') {
            warnText("Nama pelanggan");
            return false;
        } else if ((document.getElementById('alamat').value) == '') {
            warnText("Alamat");
            return false;
        } else if ((document.getElementById('no_telpon').value) == '') {
            warnText("No. telpon");
            return false;
        }
    }
    function cek() {
```

```
        if ((document.getElementById('tgl_pengerjaan').value) == '') {
            warnText("Tgl pengerjaan");
            return false;
        } else if ((document.getElementById('pelanggan').value) == '') {
            warnText("Id pelanggan");
            return false;
        } else if ((document.getElementById('permintaan').value) == '') {
            warnText("Permintaan");
            return false;
        } else if ((document.getElementById('mekanik').value) == '') {
            warnText("Id mekanik");
            return false;
        }
    }
    function cekJasa() {
        if ((document.getElementById('jasa').value) == '') {
            warnText("Id jasa");
            return false;
        } else if ((document.getElementById('qty1').value) == '') {
            warnText("Banyak jasa");
            return false;
        }
    }
    function cekBahan() {
        if ((document.getElementById('bahan').value) == '') {
            warnText("Id bahan");
            return false;
        } else if ((document.getElementById('qtyp').value) == '') {
            warnText("Panjang bahan");
            return false;
        } else if ((document.getElementById('qtyl').value) == '') {
            warnText("Lebar bahan");
            return false;
        } else if ((document.getElementById('qtyt').value) == '') {
            warnText("Tebal bahan");
            return false;
        }
    }
    $("#tgl_pengerjaan").datepicker({ altFormat: 'yy-mm-dd' });
    $("#tgl_pengerjaan").change(function() { $("#tgl_pengerjaan").datepicker("option",
"dateFormat","yy-mm-dd"); });
    $("#pelanggan").autocomplete({ source: <?php echo $dataplgn; ?> });
    $("#mekanik").autocomplete({ source: <?php echo $datamknk; ?> });
    $("#addpelanggan").dialog({
        autoOpen: false,
        width: 320
    });
    $("#addplgn").button();
    $("#addplgn").click(function(event) {
        $("#addpelanggan").dialog("open");
        event.preventDefault();
    });
    $("#saveplgn").button();
    $("#saveplgn").click(function(event) { return cekPelanggan(); });
    $("#resetplgn").button();
    $("#jasa").autocomplete({ source: <?php echo $datajasa; ?> });
    $("#add1").button();
    $("#add1").click(function(event) { return cekJasa(); });
    $("#bahan").autocomplete({ source: <?php echo $databahan; ?> });
```

```
        $("#add2").button();
        $("#add2").click(function(event) { return cekBahan(); });
        $("#save").button();
        $("#save").click(function(event) { return cek(); });
        $("#cetak").button();
        $("#bayar").button();
        $("#tambah").button();
        $("#view").button();
});
</script>
<div id="addpelanggan" title="Input Data Pelanggan Baru" style="font-size:1.1em;">
    <table width="100%" cellpadding="3" cellspacing="3">
    <form action="" method="post">
        <tr>
            <td>Id Pelanggan</td>
    <td>:</td>
            <td><input type="text" name="id_pelanggan" value="<?php echo $id_pelanggan; ?>"
size="10" title="Id Pelanggan" style="background:#DEDEDE; color:#4D4D4D;"
/readonly></td>
        </tr>
        <tr>
            <td>Nama Pelanggan</td>
    <td>:</td>
            <td><input type="text" id="nama_pelanggan" name="nama_pelanggan" size="30"
title="Nama pelanggan harus diisi!" placeholder="Isi nama pelanggan..." autocomplete="off"
autofocus="autofocus" /></td>
        </tr>
        <tr>
            <td valign="top">Alamat</td>
    <td valign="top">:</td>
            <td><textarea id="alamat" name="alamat" title="Alamat harus diisi!"
placeholder="Isi alamat..."></textarea></td>
        </tr>
        <tr>
            <td>No. Telpon</td>
    <td>:</td>
            <td><input type="text" id="no_telpon" name="no_telpon" size="15" title="No. telpon
harus diisi!" placeholder="Isi no. telpon..." autocomplete="off" /></td>
        </tr>
        <tr>
        <td colspan="3"> </td>
    </tr>
    <tr>
        <td colspan="3">
                <?php echo "<button type=\"submit\" id=\"saveplgn\" name=\"saveplgn\"
title=\"Simpan Data Baru\" />Simpan</button>"; ?>
        <button type="reset" id="resetplgn" name="reset" title="Reset Data
Baru">Reset</button>
    </td>
        </tr>
    </form>
    </table>
</div>
<div id="post">
    <table width="100%" cellpadding="5" cellspacing="5">
    <tr>
    <td><h2>Transaksi Pengerjaan</h2></td>
    </tr>
    <tr>
```

```html
<td>
    <div align="left" style="width: inherit; height: inherit; left: 50px; top: 30px; padding: 10px; font-size: 1em;" class="ui-widget ui-widget-content ui-corner-all"><div class="ui-dialog-content ui-widget-content" style="background: none; border: 0;">
        <table width="100%">
        <tr>
        <td width="32.5%" valign="top">
            <table width="100%" cellpadding="3" cellspacing="3">
            <form action="" method="post">
            <input name="id" type="hidden" value="<?php echo $id; ?>" />
        <tr>
        <td>Id Pengerjaan</td>
        <td>:</td>
        <td><input type="text" name="id_pengerjaan" value="<?php echo $data['id_pengerjaan']; ?>" size="10" title="Id Pengerjaan" style="background:#DEDEDE; color:#4D4D4D;" /readonly></td>
        </tr>
        <td>Tgl Pengerjaan</td>
        <td>:</td>
        <td><input type="text" id="tgl_pengerjaan" name="tgl_pengerjaan" value="<?php echo $data['tgl_pengerjaan']; ?>" placeholder="Tgl Pengerjaan" title="Tgl Pengerjaan" /></td>
        </tr>
        <tr>
        <td valign="top">Id Pelanggan</td>
        <td valign="top">:</td>
        <td valign="top">
            <input type="text" id="pelanggan" name="pelanggan" value="<?php echo $data['id_pelanggan']; ?>" placeholder="Pelanggan" title="Tulis id pelanggan, nama pelanggan, alamat, atau no. telpon yang akan dicari." size="10" /> 
            <a href="#"><img src="../images/addplgn.png" id="addplgn" title="Tambah Pelanggan Baru" /></a>
            <button type="submit" name="editplgn" style="visibility:hidden;"></button></br>
            <img src="../images/man.png" /><?php echo $data['nama_pelanggan']; ?></br>
            <img src="../images/house.png" /><?php echo $data['alamat']; ?></br>
            <img src="../images/phone.png" /><?php echo $data['no_telpon']; ?>
            </td>
        </tr>
        <tr>
        <td valign="top">Permintaan</td>
        <td valign="top">:</td>
        <td valign="top"><textarea id="permintaan" name="permintaan" placeholder="Isi permintaan pelanggan..." title="Permintaan harus diisi!"><?php echo $data['permintaan']; ?></textarea></td>
        </tr>
        <tr>
        <td valign="top">Id Mekanik</td>
        <td valign="top">:</td>
        <td valign="top">
            <input type="text" id="mekanik" name="mekanik" value="<?php echo $data['id_mekanik']; ?>" placeholder="Mekanik" title="Tulis id mekanik atau nama mekanik yang akan dicari." size="10" /></br>
            <img src="../images/man.png" /><?php echo $data['nama_mekanik']; ?>
            </td>
        </tr>
        <tr>
            <td colspan="3"></br><b>Total Pengerjaan :</b></td>
        </tr>
        <tr>
```

```html
            <td colspan="3"><h2><?php echo formatRupiah($data['total']); ?></h2></td>
        </tr>
        <tr>
            <td colspan="3"></br><?php echo "<button type=\"submit\" id=\"save\"
name=\"save\" title=\"Simpan Transaksi Pengerjaan\" />Simpan</button>"; ?></td>
        </tr>
        </form>
        </table>
        </td>
        <td width="2.5%"> </td>
        <td width="65%" valign="top">
            <table width="100%">
        <form action="" method="post">
            <tr>
            <td><h3>Detail Transaksi Pengerjaan</h3></td>
            </tr>
            <tr>
            <td>Jasa</td>
            </tr>
            <tr>
            <td>
            <?php
            if (isset($_POST['cari1'])) {
                $qpilih1 = mysql_query("SELECT * FROM tb_jasa WHERE id_jasa =
'$_POST[jasa]'");
                $rpilih1 = mysql_fetch_array($qpilih1);
            }
            ?>
            <input type="text" id="jasa" name="jasa" value="<?php echo $rpilih1['id_jasa'];
?>" placeholder="Id Jasa" title="Tulis id jasa atau jenis jasa yang akan dicari." size="8" />
            <input type="text" name="jenis_jasa" value="<?php echo $rpilih1['jenis_jasa'];
?>" size="15" placeholder="Jenis Jasa" title="Jenis Jasa" style="background:#DEDEDE;
color:#4D4D4D;" /readonly>
            <input type="hidden" name="tarif" value="<?php echo $rpilih1['tarif']; ?>" />
            <input type="text" name="rptarif" value="<?php echo
formatRupiah($rpilih1['tarif']); ?>" size="15" title="Tarif" style="background:#DEDEDE;
color:#4D4D4D;" /readonly>
            <button type="submit" name="cari1" style="visibility:hidden;"></button>
            <input type="text" id="qty1" name="qty1" size="5" onkeypress="return
onlyNum(event, true)" placeholder="Qty" title="Tulis banyak jasa yang dikerjakan."
autocomplete="off" />
            <button type="submit" id="add1" name="add1" title="Tambah Detail
Pengerjaan"><img src="../images/plus.png" /></button>
                <?php
                        if (isset($_POST['add1'])) {
                            $subtotal1 = $_POST['qty1'] * $_POST['tarif'];
                            mysql_query("INSERT INTO tb_pengerjaan_detail
(id_pengerjaan, id_jasa, jumlah, subtotal) VALUES ('$data[id_pengerjaan]', '$_POST[jasa]',
'$_POST[qty1]', '$subtotal1')");
                        ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
                        }
                        ?>
        </td>
        </tr>
            <tr>
            <td>
            <table class="tabletheme" width="100%" cellpadding="2" cellspacing="2">
```

```php
            <tr bgcolor="#999999" align="center">
                <td width="5%">No</td>
    <td width="10%">Id Jasa</td>
    <td width="10%">Jenis Jasa</td>
    <td width="10%">Tarif</td>
    <td width="5%">Qty</td>
    <td width="10%">Subtotal</td>
    <td width="5%">Aksi</td>
    </tr>
    <tr bgcolor="#CCCCCC">
    <?php
    $no1 = 0;
                $total1 = 0;
                $qlihat1 = mysql_query("SELECT
a.id_pengerjaan_detail, a.id_jasa, b.jenis_jasa, b.tarif, a.jumlah, a.subtotal FROM
tb_pengerjaan_detail a, tb_jasa b WHERE a.id_pengerjaan = '$data[id_pengerjaan]' AND
a.id_jasa = b.id_jasa ORDER BY a.id_jasa");
                while($rlihat1 = mysql_fetch_array($qlihat1)) {
                    $no1++;
                    $total1 += $rlihat1['subtotal'];
                    ?>
    <td align="center"><?php echo $no1; ?></td>
    <td align="center"><?php echo $rlihat1['id_jasa']; ?></td>
    <td align="left"><?php echo $rlihat1['jenis_jasa']; ?></td>
    <td align="right"><?php echo formatRupiah($rlihat1['tarif']); ?></td>
    <td align="right"><?php echo $rlihat1['jumlah']; ?></td>
    <td align="right"><?php echo formatRupiah($rlihat1['subtotal']); ?></td>
    <td align="center"><?php echo "<a
href=\"home.php?bg=updatepengerjaan&id=$data[id_pengerjaan]&del=$rlihat1[id_pengerjaa
n_detail]\"><img src=\"../images/del.png\" /></a></td>
    </tr>";
                }
                ?>
    <tr align="right" style="font-weight:bold;">
    <td colspan="5" align="right">Total</td><td><?php echo formatRupiah($total1);
?></td><td></td>
    </tr>
        </table>
    </td>
        </tr>
    <tr>
    <td> </td>
    </tr>
        <tr>
            <td>Bahan</td>
        </tr>
    <tr>
        <td>
    <?php
                if (isset($_POST['bahan'])) {
                    $qpilih2 = mysql_query("SELECT * FROM tb_bahan
WHERE id_bahan = '$_POST[bahan]'");
                    $rpilih2 = mysql_fetch_array($qpilih2);
                }
                ?>
    <input type="text" id="bahan" name="bahan" value="<?php echo
$rpilih2['id_bahan']; ?>" placeholder="Id Bahan" title="Tulis id bahan atau jenis bahan yang
akan dicari." size="8" />
```

```
                <input type="text" name="jenis_bahan" value="<?php echo
$rpilih2['jenis_bahan']; ?>" size="15" placeholder="Jenis Bahan" title="Jenis Bahan"
style="background:#DEDEDE; color:#4D4D4D;" /readonly>
                <input type="hidden" name="harga" value="<?php echo $rpilih2['harga_jual'];
?>" />
                <input type="text" name="rpharga" value="<?php echo
formatRupiah($rpilih2['harga_jual']); ?>" size="10" title="Harga"
style="background:#DEDEDE; color:#4D4D4D;" /readonly>
                <input type="text" name="stok" value="<?php echo $rpilih2['stok']; ?>" size="5"
placeholder="Stok" title="Stok" style="background:#DEDEDE; color:#4D4D4D;" /readonly>
                <input type="text" name="satuan" value="<?php echo $rpilih2['satuan']; ?>"
size="5" placeholder="Satuan" title="Satuan" style="background:#DEDEDE; color:#4D4D4D;"
/readonly>
                <button type="submit" name="cari2" style="visibility:hidden;"></button>
                <input type="text" id="qtyp" name="qtyp" size="3" onkeypress="return
onlyNum(event, true)" placeholder="P" title="Tulis panjang bahan yang digunakan."
autocomplete="off" />
                <input type="text" id="qtyl" name="qtyl" size="3" onkeypress="return
onlyNum(event, true)" placeholder="L" title="Tulis lebar bahan yang digunakan."
autocomplete="off" />
                <input type="text" id="qtyt" name="qtyt" size="3" onkeypress="return
onlyNum(event, true)" placeholder="T" title="Tulis tebal bahan yang digunakan."
autocomplete="off" />
                <button type="submit" id="add2" name="add2" title="Tambah Detail
Pengerjaan"><img src="../images/plus.png" /></button>
                    <?php
                            if (isset($_POST['add2'])) {
                                $qty2 = $_POST['qtyp'] * $_POST['qtyl'] *
$_POST['qtyt'];

                                $subtotal2 = $qty2 * $_POST['harga'];
                                $stok = $rpilih2['stok'] - $qty2;
                                if ($rpilih2['stok'] < $qty2) {
                                    ?><script
language="javascript">warnStok();</script><?php
                                } else {
                                    mysql_query("INSERT INTO tb_pengerjaan_detail
(id_pengerjaan, id_bahan, jumlah, subtotal) VALUES ('$data[id_pengerjaan]',
'$_POST[bahan]', '$qty2', '$subtotal2')");
                                    mysql_query("UPDATE tb_bahan SET stok =
'$stok' WHERE id_bahan = '$_POST[bahan]'");
                                    ?><script
language="javascript">document.location="home.php?bg=updatepengerjaan&id=<?php echo
$data['id_pengerjaan']; ?>";</script><?php
                                }
                            }
                            ?>
        </td>
        </tr>
        <tr>
        <td>
            <table class="tabletheme" width="100%" cellpadding="2" cellspacing="2">
            <tr bgcolor="#999999" align="center">
            <td width="5%">No</td>
            <td width="10%">Id Bahan</td>
            <td width="10%">Jenis Bahan</td>
            <td width="10%">Harga</td>
            <td width="5%">Satuan</td>
            <td width="5%">Qty</td>
            <td width="10%">Subtotal</td>
```

```php
            <td width="5%">Aksi</td>
            </tr>
            <tr bgcolor="#CCCCCC">
            <?php
                            $no2 = 0;
                            $total2 = 0;
                            $qlihat2 = mysql_query("SELECT
a.id_pengerjaan_detail, a.id_bahan, b.jenis_bahan, b.harga_jual, b.satuan, a.jumlah, a.subtotal
FROM tb_pengerjaan_detail a, tb_bahan b WHERE a.id_pengerjaan = '$data[id_pengerjaan]'
AND a.id_bahan = b.id_bahan ORDER BY a.id_bahan");
                            while($rlihat2 = mysql_fetch_array($qlihat2)) {
                                $no2++;
                                $total2 += $rlihat2['subtotal'];
                                ?>
            <td align="center"><?php echo $no2; ?></td>
            <td align="center"><?php echo $rlihat2['id_bahan']; ?></td>
            <td align="left"><?php echo $rlihat2['jenis_bahan']; ?></td>
            <td align="right"><?php echo formatRupiah($rlihat2['harga_jual']); ?></td>
            <td align="right"><?php echo $rlihat2['satuan']; ?></td>
            <td align="right"><?php echo $rlihat2['jumlah']; ?></td>
            <td align="right"><?php echo formatRupiah($rlihat2['subtotal']); ?></td>
            <td align="center"><?php echo "<a
href=\"home.php?bg=updatepengerjaan&id=$data[id_pengerjaan]&del=$rlihat2[id_pengerjaa
n_detail]\"><img src=\"../images/del.png\" /></a></td>
            </tr>";
                                }
                            $grand_total = $total1 + $total2;
                                mysql_query("UPDATE tb_pengerjaan SET total =
'$grand_total' WHERE id_pengerjaan = '$data[id_pengerjaan]'");
                                ?>
            <input type="hidden" name="grand_total" value="<?php echo $grand_total; ?>"
/>
            <tr align="right" style="font-weight:bold;">
                <td colspan="6" align="right">Total</td><td><?php echo
formatRupiah($total2); ?></td><td></td>
            </tr>
                                </table>
        </td>
                                </tr>
        </form>
        </table>
        </td>
    </tr>
    </table>
    <table cellpadding="3" cellspacing="3">
        <tr>
        <td> </td>
    </tr>
    <tr>
        <td>
                        <?php
                        $qdetail = mysql_query("SELECT * FROM tb_pengerjaan_detail
WHERE id_pengerjaan = '$data[id_pengerjaan]'");
                        $rdetail = mysql_num_rows($qdetail);
                        if ($rdetail > 0) {
                            echo "<a
href=\"pengerjaan/cetakpengerjaan.php?id=$data[id_pengerjaan]\" target=\"new\"><input
type=\"button\" id=\"cetak\" value=\"Cetak\" title=\"Cetak Transaksi Pengerjaan\" /></a>
```

```
                                    <a
href=\"home.php?bg=addbayar&id=$data[id_pengerjaan]\"><input type=\"button\"
id=\"bayar\" value=\"Bayar\" title=\"Bayar Transaksi Pengerjaan\" /></a>";
                            }
                            echo "<a href=\"home.php?bg=addpengerjaan\"><input
type=\"button\" id=\"tambah\" value=\"Tambah\" title=\"Tambah Transaksi Pengerjaan\"
/></a>"; ?>
            <a href="home.php?bg=pengerjaan"><input type="button" id="view" title="Lihat
Data Transaksi Pengerjaan" value="Lihat Data" /></a>
            </td>
        </tr>
        </table>
        </div></div>
    </td>
    </tr>
    </table>
</div>
```

pengerjaan.php
```php
<?php
$keys = array();
$qkeys = mysql_query("SELECT b.id_pengerjaan, b.tgl_pengerjaan, a.nama_pelanggan,
b.status_bayar FROM tb_pelanggan a, tb_pengerjaan b WHERE a.id_pelanggan =
b.id_pelanggan ORDER BY b.id_pengerjaan");
while ($rkeys = mysql_fetch_assoc($qkeys)) {
    $keys[] = array('label' => $rkeys['id_pengerjaan'].', '.tgl_indo($rkeys['tgl_pengerjaan']).',
'.$rkeys['nama_pelanggan'].', '.$rkeys['status_bayar'], 'value' => $rkeys['id_pengerjaan']);
}
$datakeys = json_encode($keys);
function hasil($key, $jmldata) {
    ?>
    <div class="ui-widget">
        <div class="ui-state-highlight ui-corner-all" style="margin-top:20px; padding:0 .7em;
font-size:0.8em;">
        <p><span class="ui-icon ui-icon-info" style="float: left; margin-right:
.3em;"></span>Pencarian dengan kata kunci <b><?php echo $key; ?></b> ditemukan
<b><?php echo $jmldata; ?></b>.</p>
    </div>
    </div></br>
    <?php
}
if (isset($_GET['del'])) {
    $del = $_GET['del'];
    mysql_query("DELETE FROM tb_pengerjaan WHERE id_pengerjaan = '$del'");
    mysql_query("DELETE FROM tb_pengerjaan_detail WHERE id_pengerjaan = '$del'");
    mysql_query("DELETE FROM tb_bayar WHERE id_pengerjaan = '$del'");
    ?><script>document.location="home.php?bg=pengerjaan";</script><?php
}
$str['id_pengerjaan']    = 'Id Pengerjaan';
$str['tgl_pengerjaan']   = 'Tgl Pengerjaan';
$str['nama_pelanggan'] = 'Nama Pelanggan';
$str['permintaan']       = 'Permintaan';
$str['nama_mekanik']   = 'Nama Mekanik';
$str['total']            = 'Total Pengerjaan';
$str['status_bayar']     = 'Status Pembayaran';
$sort = $_GET['sort'];
if (empty($sort)) {
    $sort = 'id_pengerjaan';
}
```

```php
$dir  = $_GET['dir'];
if (empty($dir)) {
    $dir = 'ASC';
}
$columns = array("id_pengerjaan", "tgl_pengerjaan", "nama_pelanggan", "permintaan",
"nama_mekanik", "total", "status_bayar");
foreach ($columns as $column) {
    $string[$column] = $str[$column];
    if ($sort != $column) {
        $columnicon = "";
    if ($column == "id_pengerjaan") {
        $columndir = "DESC";
    } else {
    $columndir = "ASC";
    }
    } else {
    $columndir = $dir == "ASC" ? "DESC":"ASC";
    if ($column == "id_pengerjaan") {
        $columnicon = $dir == "ASC" ? "up":"down";
    } else {
    $columnicon = $dir == "ASC" ? "down":"up";
    }
    $columnicon = " <img src=\"../images/$columnicon.png\" alt=\"\" />";
    }
    $$column = "<a
href=\"home.php?bg=pengerjaan&sort=$column&amp;dir=$columndir\">".$string[$column]."
</a>$columnicon";
}
$batas = $_GET['batas'];
if (empty($batas)) {
    $batas = 10;
}
$hal = $_GET['hal'];
if (empty($hal)) {
    $hal = 0;
    $posisi = 0;
} else {
    $posisi = $hal * $batas;
}
?>
<script>
$(function() {
    $("#kata_kunci").autocomplete({ source: <?php echo $datakeys; ?> });
    $("#all").button();
    $("#tambah").button();
});
</script>
<div id="post">
    <table width="100%" cellpadding="5" cellspacing="5">
        <tr>
            <td width="50%"><h2>Data Transaksi Pengerjaan</h2></td>
            <td width="50%" align="right" valign="top">
        <form action="" method="post">
        <div align="left" style="width: 190px; height: inherit; left: 50px; top: 30px; padding:
10px; font-size: 0.8em;" class="ui-widget ui-widget-content ui-corner-all"><div class="ui-dialog-
content ui-widget-content" style="background: none; border: 0;">
            <input type="text" size="30" name="kata_kunci" id="kata_kunci" placeholder="Tulis
kata kunci lalu 'Enter'." title="Tulis id pengerjaan, tgl pengerjaan, nama pelanggan atau
status pembayaran yang akan dicari." /> <img src="../images/search.png" />
```

```
        </div></div>
            </form>
    </td>
        </tr>
        <tr>
            <td colspan="2">
        <button id="all" class="ui-state-default ui-corner-all"
onclick="location.href='home.php?bg=pengerjaan'" style="font-size:0.8em;" title="Refresh Data
Transaksi Pengerjaan">Refresh</button>
        <a href="home.php?bg=addpengerjaan"><input type="submit" id="tambah"
value="Tambah" style="font-size:0.8em;" title="Tambah Transaksi Pengerjaan" /></a>
        </td>
        </tr>
        <tr>
        <td colspan="2">
                <?php
        class object{};
        $table = new object;
        $table->width = '100%';
        $table->size  = array('10%', '15%', '15%', '15%', '12.5%', '10%', '10%', '12.5%');
        $table->head  = array($id_pengerjaan, $tgl_pengerjaan, $nama_pelanggan,
$permintaan, $nama_mekanik, $total, $status_bayar, 'Aksi');
        $table->align = array('left', 'left', 'left', 'left', 'left', 'right', 'left', 'center');
        $key = $_POST['kata_kunci'];
        if (isset($key)) {
        $sql = "SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan, a.permintaan,
c.nama_mekanik, a.total, a.status_bayar FROM tb_pengerjaan a, tb_pelanggan b, tb_mekanik
c WHERE a.id_pengerjaan LIKE '%$key%' AND b.id_pelanggan = a.id_pelanggan AND
c.id_mekanik = a.id_mekanik ORDER BY $sort $dir";
        } else {
        $sql = "SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan, a.permintaan,
c.nama_mekanik, a.total, a.status_bayar FROM tb_pengerjaan a, tb_pelanggan b, tb_mekanik
c WHERE b.id_pelanggan = a.id_pelanggan AND c.id_mekanik = a.id_mekanik ORDER BY
$sort $dir LIMIT $posisi, $batas";
        }
        $qry = mysql_query($sql);
        $jmldata = mysql_num_rows($qry);
        if ($jmldata > 0) {
        if (isset($key)) {
        hasil($key, $jmldata);
        }
        while($data = mysql_fetch_array($qry)) {
        $qdetail = mysql_query("SELECT * FROM tb_pengerjaan_detail WHERE
id_pengerjaan = '$data[id_pengerjaan]'");
        $rdetail = mysql_num_rows($qdetail);
        $qstatus = mysql_query("SELECT * FROM tb_bayar WHERE id_pengerjaan =
'$data[id_pengerjaan]'");
        $rstatus = mysql_num_rows($qstatus);
        if ($rdetail > 0) {
            if ($rstatus > 0) {
                $table->data[] = array($data['id_pengerjaan'],
                        tgl_indo($data['tgl_pengerjaan']),
                        $data['nama_pelanggan'],
                        $data['permintaan'],
                                        $data['nama_mekanik'],
                                        formatRupiah($data['total']),
                                        $data['status_bayar'],
```

```
                                                                    "<a
href=\"pengerjaan/cetakpengerjaan.php?id=$data[id_pengerjaan]\" target=\"new\"
title=\"Cetak Transaksi Pengerjaan\"><img src=\"../images/printer.png\" /></a>
                                                    <a href=\"javascript: confDel('pengerjaan',
'".$data['id_pengerjaan']."')\" title=\"Hapus Transaksi Pengerjaan\"><img
src=\"../images/del.png\" /></a>");
                } else {
                    $table->data[] = array($data['id_pengerjaan'],
                            tgl_indo($data['tgl_pengerjaan']),
                                                    $data['nama_pelanggan'],
                                                    $data['permintaan'],
                                                    $data['nama_mekanik'],
                                                    formatRupiah($data['total']),
                                                    $data['status_bayar'],
                                                    "<a
href=\"home.php?bg=addbayar&id=$data[id_pengerjaan]\" title=\"Bayar Transaksi
Pengerjaan\"><img src=\"../images/bayar.png\" /></a>
                                                    <a
href=\"pengerjaan/cetakpengerjaan.php?id=$data[id_pengerjaan]\" target=\"new\"
title=\"Cetak Transaksi Pengerjaan\"><img src=\"../images/printer.png\" /></a>
                                                    <a
href=\"home.php?bg=updatepengerjaan&id=$data[id_pengerjaan]\" title=\"Edit Transaksi
Pengerjaan\"><img src=\"../images/edit.png\" /></a>
                                                    <a href=\"javascript: confDel('pengerjaan',
'".$data['id_pengerjaan']."')\" title=\"Hapus Transaksi Pengerjaan\"><img
src=\"../images/del.png\" /></a>");
                }
            } else {
            $table->data[] = array($data['id_pengerjaan'],
                                        tgl_indo($data['tgl_pengerjaan']),
                                        $data['nama_pelanggan'],
                                        $data['permintaan'],
                                        $data['nama_mekanik'],
                                        formatRupiah($data['total']),
                                        $data['status_bayar'],
                                        "<a
href=\"home.php?bg=updatepengerjaan&id=$data[id_pengerjaan]\" title=\"Edit Transaksi
Pengerjaan\"><img src=\"../images/edit.png\" /></a>
                                                    <a href=\"javascript: confDel('pengerjaan',
'".$data['id_pengerjaan']."')\" title=\"Hapus Transaksi Pengerjaan\"><img
src=\"../images/del.png\" /></a>");
                            }
        }
        } else {
        $table = NULL;
        if (isset($key)) {
            ?>
        <div class="ui-widget">
            <div class="ui-state-error ui-corner-all" style="padding: 0 .7em; font-size:0.8em;">
                <p><span class="ui-icon ui-icon-alert" style="float: left; margin-right:
.3em;"></span>Pencarian dengan kata kunci <b><?php echo $key; ?></b> tidak
ditemukan!</p>
            </div>
        </div>
                <?php
        } else {
            ?>
        <div class="ui-widget">
            <div class="ui-state-error ui-corner-all" style="padding: 0 .7em; font-size:0.8em;">
```

```
            <p><span class="ui-icon ui-icon-alert" style="float: left; margin-right:
.3em;"></span>Data tidak ditemukan!</p>
        </div>
    </div>
            <?php
    }
    }
    if (!empty($table)) {
        if (isset($key)) {
        print_table($table);
    } else {
        $qry = mysql_query("SELECT * FROM tb_pengerjaan");
        $jmldata = mysql_num_rows($qry);
        echo "<div>Total data : ".$jmldata."</div>";
        print_table($table);
        print_paging_bar($jmldata, $hal, $batas,
"home.php?bg=pengerjaan&sort=$sort&amp;dir=$dir&amp;batas=$batas&amp;", 'hal');
        }
    }
    ?>
        </td>
    </tr>
    </table>
</div>
```

cetakpengerjaan.php
```
<script language="javascript">
if (window.print) {
    document.write();
}
setTimeout('window.print()', 1000);
</script>
<div style="font-family:'Trebuchet MS', Arial, Helvetica, sans-serif;">
    <?php
    include("../../includes/koneksi.php");
    include("../../includes/library.php");
    if (isset($_GET['id'])) {
        $id = $_GET['id'];
        $pengerjaan = "SELECT a.id_pengerjaan, a.tgl_pengerjaan, a.permintaan,
a.id_pelanggan, a.id_mekanik, b.nama_pelanggan, b.alamat, b.no_telpon, c.nama_mekanik
FROM tb_pengerjaan a, tb_pelanggan b, tb_mekanik c WHERE a.id_pengerjaan = '$id' AND
b.id_pelanggan = a.id_pelanggan AND c.id_mekanik = a.id_mekanik";
        $qpengerjaan = mysql_query($pengerjaan);
        $rpengerjaan = mysql_fetch_array($qpengerjaan);
        ?>
        <form action="" method="post">
        <table width="100%">
            <input type="hidden" name="id" value="<?php echo $id; ?>"/>
    <tr>
        <td width="65%">
        <table>
        <tr>
            <td><img src="../../images/logo.png" width="20" height="20"></td>
            <td style="font-size:1.1em;"><b>Bengkel Bubut Fajar Teknik</b></td>
        </tr>
        <tr>
            <td> </td>
            <td><b>Jl. Ketileng Raya No. 20A Semarang Timur</b></td>
        </tr>
```

```
    <tr>
        <td colspan="2" style="font-size:0.9em;"><?php echo "Waktu Cetak : ".$hari.",
".$date_indo." ".$time; ?></td>
    </tr>
    </table>
    </td>
    <td width="35%" valign="top">
    <table align="right" style="font-size:0.9em;">
    <tr>
        <td>Id Pengerjaan</td>
        <td>:</td>
        <td><?php echo $rpengerjaan['id_pengerjaan'];?></td>
    </tr>
    <tr>
        <td>Tgl Pengerjaan</td>
        <td>:</td>
        <td><?php echo tgl_indo($rpengerjaan['tgl_pengerjaan']);?></td>
    </tr>
    </table>
    </td>
</tr>
    </table></br></br>
    <table width="100%" style="font-size:0.9em;">
    <tr>
    <td width="20%">Id Pelanggan</td>
    <td>: </td>
    <td width="30%"><?php echo $rpengerjaan['id_pelanggan'];?></td>
    <td width="20%">Permintaan</td>
    <td>: </td>
    <td width="30%"><?php echo $rpengerjaan['permintaan'];?></td>
</tr>
<tr>
    <td>Nama Pelanggan</td>
    <td>: </td>
    <td><?php echo $rpengerjaan['nama_pelanggan'];?></td>
    <td colspan="3"></td>
</tr>
<tr>
    <td>Alamat</td>
    <td>: </td>
    <td><?php echo $rpengerjaan['alamat'];?></td>
    <td>Id Mekanik</td>
    <td>: </td>
    <td><?php echo $rpengerjaan['id_mekanik'];?></td>
</tr>
<tr>
    <td>No. Telpon</td>
    <td>: </td>
    <td><?php echo $rpengerjaan['no_telpon'];?></td>
    <td>Nama Mekanik</td>
    <td>: </td>
    <td><?php echo $rpengerjaan['nama_mekanik'];?></td>
</tr>
    </table></br>
    Jasa
    <table width="100%" cellpadding="2" cellspacing="2" border="1" style="font-size:0.9em;">
    <tr align="center">
    <td width="5%">No</td>
    <td width="10%">Id Jasa</td>
```

```php
        <td width="10%">Jenis Jasa</td>
        <td width="10%">Tarif</td>
        <td width="5%">Qty</td>
        <td width="10%">Subtotal</td>
    </tr>
    <tr>
    <?php
    $qjasa = mysql_query("SELECT a.id_jasa, b.jenis_jasa, b.tarif, a.jumlah, a.subtotal FROM
tb_pengerjaan_detail a, tb_jasa b WHERE a.id_pengerjaan = '$rpengerjaan[id_pengerjaan]'
AND a.id_jasa = b.id_jasa");
    $no1 = 0;
    $total_jasa = 0;
    while($rjasa = mysql_fetch_array($qjasa)) {
        $no1++;
        $total_jasa += $rjasa['subtotal'];
            ?>
        <td align="center"><?php echo $no1; ?></td>
        <td align="center"><?php echo $rjasa['id_jasa']; ?></td>
        <td align="left"><?php echo $rjasa['jenis_jasa']; ?></td>
        <td align="right"><?php echo formatRupiah($rjasa['tarif']); ?></td>
        <td align="right"><?php echo $rjasa['jumlah']; ?></td>
        <td align="right"><?php echo formatRupiah($rjasa['subtotal']); ?></td>
    </tr>
        <?php } ?>
    <tr>
        <td colspan="5" align="right"><b>Total Jasa</b></td>
        <td align="right"><b><?php echo formatRupiah($total_jasa); ?></b></td>
    </tr>
    </table></br>
    Bahan
    <table width="100%" cellpadding="2" cellspacing="2" border="1" style="font-size:0.9em;">
    <tr align="center">
        <td width="5%">No</td>
        <td width="10%">Id Bahan</td>
        <td width="10%">Jenis Bahan</td>
        <td width="10%">Harga</td>
        <td width="10%">Satuan</td>
        <td width="5%">Qty</td>
        <td width="10%">Subtotal</td>
    </tr>
    <tr>
    <?php
    $qbahan = mysql_query("SELECT a.id_bahan, b.jenis_bahan, b.harga_jual, b.satuan,
a.jumlah, a.subtotal FROM tb_pengerjaan_detail a, tb_bahan b WHERE a.id_pengerjaan =
'$rpengerjaan[id_pengerjaan]' AND a.id_bahan = b.id_bahan");
    $no2 = 0;
    $total_bahan = 0;
    while($rbahan = mysql_fetch_array($qbahan)) {
        $no2++;
        $total_bahan += $rbahan['subtotal'];
            ?>
        <td align="center"><?php echo $no2; ?></td>
        <td align="center"><?php echo $rbahan['id_bahan']; ?></td>
        <td align="left"><?php echo $rbahan['jenis_bahan']; ?></td>
        <td align="right"><?php echo formatRupiah($rbahan['harga_jual']); ?></td>
        <td align="left"><?php echo $rbahan['satuan']; ?></td>
        <td align="right"><?php echo $rbahan['jumlah']; ?></td>
        <td align="right"><?php echo formatRupiah($rbahan['subtotal']); ?></td>
    </tr>
```

```php
<?php } ?>
<tr>
    <td colspan="6" align="right"><b>Total Bahan</b></td>
    <td align="right"><b><?php echo formatRupiah($total_bahan); ?></b></td>
</tr>
</table></br></br>
<table width="100%">
<tr>
    <td width="65%">Hormat kami,</td>
    <td width="35%" align="right"><b>Total Pengerjaan :</b></td>
</tr>
<tr>
    <td> </td>
    <td align="right"><h3><?php echo formatRupiah($total_jasa+$total_bahan);
?></h3></td>
</tr>
<tr>
    <td
colspan="2">(           &n
bsp;      )</td>
</tr>
</table>
</form>
<?php } ?>
</div>
```

laporanpengerjaan.php

```php
<?php
$id = array();
$plgn = array();
$qid = mysql_query("SELECT id_pengerjaan FROM tb_pengerjaan");
while ($rid = mysql_fetch_assoc($qid)) {
    $id[] = $rid['id_pengerjaan'];
}
$dataid = json_encode($id);
$qplgn = mysql_query("SELECT DISTINCT b.nama_pelanggan FROM tb_pengerjaan a,
tb_pelanggan b WHERE a.id_pelanggan = b.id_pelanggan");
while ($rplgn = mysql_fetch_assoc($qplgn)) {
    $plgn[] = $rplgn['nama_pelanggan'];
}
$dataplgn = json_encode($plgn);
$qmknk = mysql_query("SELECT DISTINCT b.nama_mekanik FROM tb_pengerjaan a,
tb_mekanik b WHERE a.id_mekanik = b.id_mekanik");
while ($rmknk = mysql_fetch_assoc($qmknk)) {
    $mknk[] = $rmknk['nama_mekanik'];
}
$datamknk = json_encode($mknk);
?>
<script>
$(function() {
    $("#id").autocomplete({ source: <?php echo $dataid; ?> });
    $("#pelanggan").autocomplete({ source: <?php echo $dataplgn; ?> });
    $("#mekanik").autocomplete({ source: <?php echo $datamknk; ?> });
    $("#idpengerjaan").hide();
    $("#idpgjn").button();
    $("#idpgjn").click(function(event) {
        $("#idpengerjaan").show();
        $("#tglpgjn").hide();
        $("#namaplgn").hide();
```

```
        $("#namamknk").hide();
        $("#stts").hide();
    });
    $("#tglpengerjaan").hide();
    $("#tglpgjn").button();
    $("#tglpgjn").click(function(event) {
        $("#tglpengerjaan").show();
        $("#idpgjn").hide();
        $("#namaplgn").hide();
        $("#namamknk").hide();
        $("#stts").hide();
    });
    $("#namapelanggan").hide();
    $("#namaplgn").button();
    $("#namaplgn").click(function(event) {
        $("#namapelanggan").show();
        $("#idpgjn").hide();
        $("#tglpgjn").hide();
        $("#namamknk").hide();
        $("#stts").hide();
    });
    $("#namamekanik").hide();
    $("#namamknk").button();
    $("#namamknk").click(function(event) {
        $("#namamekanik").show();
        $("#idpgjn").hide();
        $("#tglpgjn").hide();
        $("#namaplgn").hide();
        $("#stts").hide();
    });
    $("#statusbayar").hide();
    $("#stts").button();
    $("#stts").click(function(event) {
        $("#statusbayar").show();
        $("#idpgjn").hide();
        $("#tglpgjn").hide();
        $("#namaplgn").hide();
        $("#namamknk").hide();
    });
    $("#cariid").button();
    $("#caritgl").button();
    $("#cariplgn").button();
    $("#carimknk").button();
    $("#caristts").button();
    $("#all").button();
    $("#pdf").button();
    $("#tgl_start").datepicker({ altFormat: 'yy-mm-dd' });
    $("#tgl_start").change(function() { $( "#tgl_start" ).datepicker("option", "dateFormat","yy-
mm-dd"); });
    $("#tgl_finish").datepicker({ altFormat: 'yy-mm-dd' });
  $("#tgl_finish").change(function() { $("#tgl_finish").datepicker("option", "dateFormat","yy-
mm-dd"); });
});
</script>
<div id="post">
    <form action="pengerjaan/cetlappengerjaan.php" method="post">
    <table width="100%" cellpadding="5" cellspacing="5">
        <tr>
            <td><h2>Laporan Transaksi Pengerjaan</h2></td>
```

```
</tr>
<tr>
<td>
Cari Berdasarkan :
<input type="button" id="idpgjn" value="Id Pengerjaan" style="font-size:0.8em;" />
<input type="button" id="tglpgjn" value="Tgl Pengerjaan" style="font-size:0.8em;" />
<input type="button" id="namaplgn" value="Nama Pelanggan" style="font-size:0.8em;"
/>
<input type="button" id="namamknk" value="Nama Mekanik" style="font-size:0.8em;"
/>
<input type="button" id="stts" value="Status Pembayaran" style="font-size:0.8em;" />
</td>
</tr>
<tr>
<td>
<div id="idpengerjaan" style="width: 260px; height: inherit; left: 50px; top: 30px;
padding: 10px; font-size: 0.8em;" class="ui-widget ui-widget-content ui-corner-all"><div
class="ui-dialog-content ui-widget-content" style="background: none; border: 0;">
Id Pengerjaan : <input type="text" name="id" id="id" placeholder="Id
pengerjaan..." title="Tulis id pengerjaan yang akan dicari." />
<button type="submit" formtarget="_blank" name="cariid" id="cariid"><img
src="../images/search.png" /></button>
</div></div>
<div id="tglpengerjaan" style="width: 415; height: inherit; left: 50px; top: 30px; padding:
10px; font-size: 0.8em;" class="ui-widget ui-widget-content ui-corner-all"><div class="ui-dialog-
content ui-widget-content" style="background: none; border: 0;">
Tgl Pengerjaan : <input type="text" name="tgl_start" id="tgl_start"
placeholder="Tgl awal..." title="Tulis tgl awal pengerjaan yang akan dicari."
/> s/d 
<input type="text" name="tgl_finish" id="tgl_finish" placeholder="Tgl
akhir..." title="Tulis tgl akhir pengerjaan yang akan dicari." />
<button type="submit" formtarget="_blank" name="caritgl" id="caritgl"><img
src="../images/search.png" /></button>
</div></div>
<div id="namapelanggan" style="width: 270px; height: inherit; left: 50px; top: 30px;
padding: 10px; font-size: 0.8em;" class="ui-widget ui-widget-content ui-corner-all"><div
class="ui-dialog-content ui-widget-content" style="background: none; border: 0;">
Nama Pelanggan : <input type="text" name="pelanggan"
id="pelanggan" placeholder="Nama pelanggan..." title="Tulis nama pelanggan yang akan
dicari." />
<button type="submit" formtarget="_blank" name="cariplgn" id="cariplgn"><img
src="../images/search.png" /></button>
</div></div>
<div id="namamekanik" style="width: 270px; height: inherit; left: 50px; top: 30px;
padding: 10px; font-size: 0.8em;" class="ui-widget ui-widget-content ui-corner-all"><div
class="ui-dialog-content ui-widget-content" style="background: none; border: 0;">
Nama Mekanik : <input type="text" name="mekanik" id="mekanik"
placeholder="Nama mekanik..." title="Tulis nama mekanik yang akan dicari." />
<button type="submit" formtarget="_blank" name="carimknk" id="carimknk"><img
src="../images/search.png" /></button>
</div></div>
<div id="statusbayar" style="width: 320px; height: inherit; left: 50px; top: 30px;
padding: 10px; font-size: 0.8em;" class="ui-widget ui-widget-content ui-corner-all"><div
class="ui-dialog-content ui-widget-content" style="background: none; border: 0;">
Status Pembayaran : <select id="status" name="status" title="Pilih
status pembayaran yang akan dicari.">
<?php
$status = array ("--Status Pembayaran--", "Belum", "Lunas");
for ($i=0; $i <= 2; $i++) {
```

```
                    echo "<option value='$status[$i]'>$status[$i]</option>";
            }
            ?>
        </select>
            <button type="submit" formtarget="_blank" name="caristts" id="caristts"><img
src="../images/search.png" /></button>
        </div></div>
        </td>
    </tr>
    <tr>
            <td>
        <a href="home.php?bg=laporanpengerjaan"><input type="button" name="all" id="all"
value="Refresh" style="font-size:0.8em;"></a>
            <a href="pengerjaan/cetlappengerjaan.php" target="_blank"><input type="button"
name="pdf" id="pdf" value="Cetak Semua" style="font-size:0.8em;" /></a>
        </td>
    </tr>
    </table>
    </form>
</div>
```

cetlappengerjaan.php
```
<?php
include("../../includes/koneksi.php");
include("../../includes/library.php");
include ("../../exportPDF/fpdf.php");
define("FPDF_FONTPATH", "../../exportPDF/font/");
error_reporting(0);
if (isset($_POST['cariid'])) {
    $qry = mysql_query("SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan,
a.permintaan, c.nama_mekanik, a.status_bayar, a.total FROM tb_pengerjaan a, tb_pelanggan
b, tb_mekanik c WHERE b.id_pelanggan = a.id_pelanggan AND a.id_mekanik = c.id_mekanik
AND a.id_pengerjaan LIKE '%$_POST[id]%'");
    $ket = 'Berdasarkan id pengerjaan dengan kata kunci '.$_POST['id'];
    $rows = mysql_num_rows($qry);
} else if (isset($_POST['caritgl'])) {
    $qry = mysql_query("SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan,
a.permintaan, c.nama_mekanik, a.status_bayar, a.total FROM tb_pengerjaan a, tb_pelanggan
b, tb_mekanik c WHERE b.id_pelanggan = a.id_pelanggan AND a.id_mekanik = c.id_mekanik
AND a.tgl_pengerjaan BETWEEN '$_POST[tgl_start]' AND '$_POST[tgl_finish]'");
    $ket = 'Berdasarkan tgl pengerjaan '.tgl_indo($_POST['tgl_start']).' sampai dengan
'.tgl_indo($_POST['tgl_finish']);
    $rows = mysql_num_rows($qry);
} else if (isset($_POST['cariplgn'])) {
    $qry = mysql_query("SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan,
a.permintaan, c.nama_mekanik, a.status_bayar, a.total FROM tb_pengerjaan a, tb_pelanggan
b, tb_mekanik c WHERE b.id_pelanggan = a.id_pelanggan AND a.id_mekanik = c.id_mekanik
AND b.nama_pelanggan LIKE '%$_POST[pelanggan]%'");
    $ket = 'Berdasarkan nama pelanggan dengan kata kunci '.$_POST['pelanggan'];
    $rows = mysql_num_rows($qry);
} else if (isset($_POST['carimknk'])) {
    $qry = mysql_query("SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan,
a.permintaan, c.nama_mekanik, a.status_bayar, a.total FROM tb_pengerjaan a, tb_pelanggan
b, tb_mekanik c WHERE b.id_pelanggan = a.id_pelanggan AND a.id_mekanik = c.id_mekanik
AND c.nama_mekanik LIKE '%$_POST[mekanik]%'");
    $ket = 'Berdasarkan nama mekanik dengan kata kunci '.$_POST['mekanik'];
    $rows = mysql_num_rows($qry);
} else if (isset($_POST['caristts'])) {
```

```php
    $qry = mysql_query("SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan,
a.permintaan, c.nama_mekanik, a.status_bayar, a.total FROM tb_pengerjaan a, tb_pelanggan
b, tb_mekanik c WHERE b.id_pelanggan = a.id_pelanggan AND a.id_mekanik = c.id_mekanik
AND a.status_bayar = '$_POST[status]'");
    $ket = 'Berdasarkan status pembayaran dengan kata kunci '.$_POST['status'];
    $rows = mysql_num_rows($qry);
} else {
    $qry = mysql_query("SELECT a.id_pengerjaan, a.tgl_pengerjaan, b.nama_pelanggan,
a.permintaan, c.nama_mekanik, a.status_bayar, a.total FROM tb_pengerjaan a, tb_pelanggan
b, tb_mekanik c WHERE b.id_pelanggan = a.id_pelanggan AND a.id_mekanik =
c.id_mekanik");
    $ket = '';
    $rows = mysql_num_rows($qry);
}
$pdf = new FPDF();
$pdf->AddPage();
class PDF extends FPDF {
    function Header() {
        $this->Image('../../images/logo.png',2,1,2);
        $this->SetFont('Arial','B',16);
        $this->Cell(0,0.75,'Bengkel Bubut Fajar Teknik',0,0,'C');
        $this->Ln();
        $this->Ln();
        $this->SetFont('Arial','',12);
        $this->Cell(0,0.5,'Jl. Ketileng Raya No. 20A, Semarang Timur',0,0,'C');
        $this->Ln();
        $this->SetFont('Arial','',14);
        $this->Line(2, 3.5, 27.5, 3.5);
        $this->Ln();
        $this->Ln();
        $this->SetFont('Arial','B',12);
        $this->Cell(0,0.75,'Laporan Data Transaksi Pengerjaan',0,0,'C');
        $this->Ln();
    }
}
$pdf = new PDF('L','cm','A4');
$pdf->Open();
$pdf->AliasNbPages();
$pdf->AddPage();
$pdf->SetMargins(2,2,2,2);
$x = $pdf->GetY();
$pdf->SetY($x+0.75);
$pdf->SetFont('Arial','B',11);
$pdf->Cell(0,0.75,$ket,0,0,'L');
$pdf->Ln();
$pdf->SetFont('Arial','B',10);
$pdf->Cell(0,0.5,'Waktu cetak : '.$hari.', '.$date_indo,0,0,'R');
$pdf->Ln();
$pdf->Cell(0,0.5,'Total data : '.$rows,0,0,'L');
$pdf->Cell(0,0.5,$time,0,0,'R');
$pdf->Ln();
$pdf->SetFont('Arial','B',10);
$pdf->Cell(2.5,0.75,'Id Pengerjaan',1,0,'C');
$pdf->Cell(3.5,0.75,'Tgl Pengerjaan',1,0,'C');
$pdf->Cell(4,0.75,'Nama Pelanggan',1,0,'C');
$pdf->Cell(4.5,0.75,'Permintaan',1,0,'C');
$pdf->Cell(4,0.75,'Nama Mekanik',1,0,'C');
$pdf->Cell(3.5,0.75,'Status Pembayaran',1,0,'C');
$pdf->Cell(3.5,0.75,'Total Pengerjaan',1,0,'C');
```

```php
while($row = mysql_fetch_array($qry)){
    $tot += $row['total'];
    $x = $pdf->GetY();
    $pdf->SetY($x+0.75);
    $pdf->SetFont('Arial','',10);
    $pdf->Cell(2.5,0.75,$row['id_pengerjaan'],1,0,'L');
    $pdf->Cell(3.5,0.75,tgl_indo($row['tgl_pengerjaan']),1,0,'L');
    $pdf->Cell(4,0.75,$row['nama_pelanggan'],1,0,'L');
    $pdf->Cell(4.5,0.75,$row['permintaan'],1,0,'L');
    $pdf->Cell(4,0.75,$row['nama_mekanik'],1,0,'L');
    $pdf->Cell(3.5,0.75,$row['status_bayar'],1,0,'L');
    $pdf->Cell(3.5,0.75,formatRupiah($row['total']),1,0,'R');
}
$x = $pdf->GetY();
$pdf->SetY($x+0.75);
$pdf->SetFont('Arial','B',10);
$pdf->Cell(22,0.75,'Grand Total',1,0,'R');
$pdf->Cell(3.5,0.75,formatRupiah($tot),1,0,'R');
$pdf->Output();
?>
```

Source Code Android

Jasa.java

```java
package com.farina.administrasi;
import java.io.BufferedReader;
import java.io.InputStream;
import java.io.InputStreamReader;
import org.apache.http.HttpResponse;
import org.apache.http.client.HttpClient;
import org.apache.http.client.methods.HttpGet;
import org.apache.http.impl.client.DefaultHttpClient;
import org.json.JSONArray;
import org.json.JSONException;
import org.json.JSONObject;
import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.Gravity;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;
import android.widget.TableLayout;
import android.widget.TableRow;
import android.widget.TextView;
import android.widget.Toast;
public class Jasa extends Activity {
    private JSONObject jObject;
    private String jsonResult = "";
    private String url = "http://10.0.2.2/administrasi/android/jasa/androidjasa.php";
    private String[] id, jasa, tarif;
    private TableLayout tableLayout;
    private Button buttonMenu;
    public static Jasa js;
    @Override
    public void onCreate(Bundle savedInstanceState) {
```

```java
super.onCreate(savedInstanceState);
setContentView(R.layout.jasa);
tableLayout = (TableLayout)findViewById(R.id.tableLayout);
buttonMenu = (Button)findViewById(R.id.ButtonMenu);
    buttonMenu.setOnClickListener(new OnClickListener() {
        @Override
        public void onClick(View arg0) {
            Jasa.this.openOptionsMenu();
        }
    });
js = this;
RefreshData();
}
public void RefreshData() {
    try {
    jsonResult = getRequest(url);
    jObject = new JSONObject(jsonResult);
        JSONArray itemArray = jObject.getJSONArray("jasa");
        id = new String[itemArray.length()];
        jasa = new String[itemArray.length()];
        tarif = new String[itemArray.length()];
        for (int i = 0; i < itemArray.length(); i++) {
            id[i] = itemArray.getJSONObject(i).getString("id_jasa").toString();
            jasa[i] = itemArray.getJSONObject(i).getString("jenis_jasa").toString();
            tarif[i] = itemArray.getJSONObject(i).getString("tarif").toString();
            TextView txtResultId = new TextView(this);
            txtResultId.setBackgroundColor(getResources().getColor(R.color.column1));
            txtResultId.setText(" "+id[i]+" ");
            TextView txtResultJasa = new TextView(this);
            txtResultJasa.setBackgroundColor(getResources().getColor(R.color.column2));
            txtResultJasa.setText(" "+jasa[i]+" ");
            TextView txtResultTarif = new TextView(this);
            txtResultTarif.setBackgroundColor(getResources().getColor(R.color.column1));
            txtResultTarif.setText(" "+tarif[i]+" ");
            txtResultTarif.setGravity(Gravity.RIGHT);
            TableRow rowResult = new TableRow(this);
            rowResult.addView(txtResultId);
            rowResult.addView(txtResultJasa);
            rowResult.addView(txtResultTarif);
            tableLayout.addView(rowResult);
        }
    } catch (JSONException e) {
        e.printStackTrace();
    }
}
public String getRequest(String Url) {
    String sret="";
    HttpClient client = new DefaultHttpClient();
    HttpGet request = new HttpGet(Url);
    try {
        HttpResponse response = client.execute(request);
        sret =request(response);
    } catch (Exception ex){
        Toast.makeText(this,"Gagal "+sret, Toast.LENGTH_SHORT).show();
    }
    return sret;
}
public static String request(HttpResponse response) {
    String result = "";
```

```java
        try {
            InputStream in = response.getEntity().getContent();
            BufferedReader reader = new BufferedReader(new InputStreamReader(in));
            StringBuilder str = new StringBuilder();
            String line = null;
            while ((line = reader.readLine()) != null) {
                str.append(line + "\n");
            }
            in.close();
            result = str.toString();
        } catch (Exception ex) {
            result = "Error";
        }
        return result;
    }
    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        menu.add(0, 1, 0, "Pencarian");
        menu.add(0, 2, 0, "Home");
        return true;
    }
    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case 1:
                Intent s = new Intent(Jasa.this, JasaFilter.class);
                startActivity(s);
                return true;
            case 2:
                Intent h = new Intent(Jasa.this, Main.class);
                startActivity(h);
                return true;
        }
        return false;
    }
}
```

jasa.xml
```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:background="@color/bg" >
    <Button
        android:id="@+id/ButtonMenu"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="5dp"
        android:layout_marginRight="5dp"
        android:layout_marginTop="5dp"
        android:text="@string/menu" />
    <TextView
        android:id="@+id/TextViewJudul"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="5dp"
        android:layout_marginTop="15dp"
```

```xml
                    android:text="@string/judulJasa"
                    android:textSize="16sp"
                    android:textStyle="bold" />
<ScrollView
android:id="@+id/scrollView"
android:layout_height="match_parent"
android:scrollbars="horizontal|vertical"
android:layout_width="match_parent"
android:layout_marginTop="10dp"
android:layout_marginLeft="5dp"
android:scrollbarStyle="outsideInset"
android:fillViewport="true" >
    <HorizontalScrollView
    android:id="@+id/horizontalScrollView"
    android:layout_width="wrap_content"
    android:scrollbars="horizontal|vertical"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp" >
        <TableLayout
            android:id="@+id/tableLayout"
            android:layout_width="match_parent"
            android:layout_height="match_parent" >
            <TableRow
            android:id="@+id/tableRow1"
            android:layout_height="wrap_content"
            android:layout_width="match_parent" >
            <TextView
            android:id="@+id/TextViewId"
            android:text="@string/idJasa"
            android:textStyle="bold"
            android:background="@color/head1"
            android:gravity="center"
            android:paddingTop="5dp"
            android:paddingLeft="5dp"
            android:paddingRight="5dp"
            android:paddingBottom="5dp" />
            <TextView
            android:id="@+id/TextViewJasa"
            android:text="@string/jasa"
            android:textStyle="bold"
            android:background="@color/head2"
            android:gravity="center"
            android:paddingTop="5dp"
            android:paddingLeft="5dp"
            android:paddingRight="5dp"
            android:paddingBottom="5dp" />
            <TextView
            android:id="@+id/TextViewTarif"
            android:text="@string/tarif"
            android:textStyle="bold"
            android:background="@color/head1"
            android:gravity="center"
            android:paddingTop="5dp"
            android:paddingLeft="5dp"
            android:paddingRight="5dp"
            android:paddingBottom="5dp" />
            </TableRow>
        </TableLayout>
    </HorizontalScrollView>
```

```
        </ScrollView>
</LinearLayout>
```