

Manual Book Program Sistem Informasi Pembelian Berbasis Web

Pada saat pertama kali membuka aplikasi maka akan langsung tampil halaman index untuk login seperti dibawah ini :



The image shows a login form with a light blue background. At the top, the text 'Login Disini' is displayed in a large, bold, black serif font. Below this, there is a white rectangular box with a thin black border containing the form. The form has a title 'Login Aplikasi' centered at the top. It consists of three rows: the first row has a label 'Username' on the left and a text input field on the right; the second row has a label 'Password' on the left and a text input field on the right; the third row has two buttons, 'Login' and 'Reset', positioned side-by-side on the right side of the row.

Coding Halaman Index.jsp :

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Halaman Login</title>
    <style type="text/css">
      html, body {
        width: 100%;
      }
      table{
        margin: 0 auto;
      }
      h1 {
        text-align: center;
      }
    </style>
  </head>
  <script type="text/javascript">
```

```

function validasi_input(form) {
    if (form.username.value == "") {
        alert("Username masih kosong!");
        form.username.focus();
        return (false);
    } else if (form.password.value == "") {
        alert("Password masih kosong!");
        form.password.focus();
        return (false);
    }
    return (true);
}
</script>
<body bgcolor="#AACCEE">
    <h1>Login Disini</h1>
    <form method="post" action="Login?proses=login" onsubmit="return
validasi_input(this)">
        <table border="1" width="20%" cellpadding="3">
            <thead>
                <tr>
                    <th colspan="2">Login Aplikasi</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>Username</td>
                    <td><input type="text" name="username" /></td>
                </tr>
                <tr>
                    <td>Password</td>
                    <td><input type="password" name="password"/></td>
                </tr>
            </tbody>
        </table>
    </form>

```

```

        </tr>
        <tr>
            <td></td>
            <td><input type="submit" value="Login"/> <input type="reset"
value="Reset"/></td>
        </tr>
    </tbody>
</table>
</form>
</body>
</html>

```

Coding Login.java :

```

package control;
import java.io.IOException;
import java.io.PrintWriter;
import static java.lang.System.out;
import java.util.ArrayList;
import java.util.List;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import model.user;

@WebServlet(name = "Login", urlPatterns = {"/Login"})
public class Login extends HttpServlet {

```

@Override

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    String proses = request.getParameter("proses");
    if (proses.equals("logout")) {
        HttpSession sesi = request.getSession();
        sesi.invalidate();
        response.sendRedirect("index.jsp");
    }
}
```

@Override

```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    String proses = request.getParameter("proses");

    if (proses.equals("login")) {
        String user = request.getParameter("username");
        String pass = request.getParameter("password");
        String hak_akses = request.getParameter("hak_akses");
        String id = request.getParameter("id");
        if (pass == null || pass.equals("")) {
            response.sendRedirect("index.jsp");
        } else {
            user pm = new user();
            List<user> datalogin = new ArrayList<user>();
            datalogin = pm.LoginUser(user, pass);
        }
    }
}
```



```

import java.sql.Statement;

public class koneksi {

    static Object prepareStatement() {
        throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
    }

    Connection conn = null;
    public Statement stmt = null;
    ResultSet rs = null;

    public koneksi() {
        String dbName = "pembelian";
        String uName = "root";
        String pass = "";
        String URL = "jdbc:mysql://localhost/" + dbName;
        try {
            Class.forName("com.mysql.jdbc.Driver");
            conn = DriverManager.getConnection(URL, uName, pass);
            stmt = conn.createStatement();
        } catch (ClassNotFoundException | SQLException ex) {
            Logger.getLogger(koneksi.class.getName()).log(Level.SEVERE, null, ex);
        }
    }

    public ResultSet getRs(String SQL) throws SQLException {
        rs = stmt.executeQuery(SQL);
    }
}

```

```
    return rs;
}
```

```
public boolean simpan(String SQL){
    boolean stat = true;
    try {
        stmt.executeUpdate(SQL);
    } catch (SQLException ex) {
        stat = false;
    }
    return stat;
}
```

```
public Connection getConn() {
    return conn;
}
```

```
public Statement getStmt() {
    return stmt;
}
```

```
public static void ambilKoneksi() {
    try {
        String db = "jdbc:mysql://localhost:3306/pembelian";
        String user = "root";
        String pass = "";
        Class.forName("com.mysql.jdbc.Driver");
    }
}
```

```

        Connection con = DriverManager.getConnection(db, user, pass);
    } catch (Exception x) {
        System.out.println("Terjadi kesalahan ambil koneksi : " + x);
    }
}

```

```

public koneksi(String dbName, String uName, String pass) throws ClassNotFoundException {
    String URL = "jdbc:mysql://localhost/" + dbName;
    Class.forName("com.mysql.jdbc.Driver");
    try {
        conn = DriverManager.getConnection(URL,uName, pass);
        stmt = conn.createStatement();
    } catch (SQLException ex) {
        Logger.getLogger(koneksi.class.getName()).log(Level.SEVERE, null, ex);
    }
}

```

```

public void bukakoneksi() {
    try {
        String db = "jdbc:mysql://localhost:3306/pembelian";
        String user = "root";
        String pass = "";
        Class.forName("com.mysql.jdbc.Driver");
        conn = DriverManager.getConnection(db, user, pass);
        stmt = conn.createStatement();
    } catch (Exception x) {

        System.out.println("Terjadi kesalahan koneksi : " + x);
    }
}

```

```

    }
}

public void diskonek(ResultSet rs) {
    try {
        if (rs != null) {
            rs.close();
        }
        stmt.close();
        conn.close();
    } catch (Exception x) {
        System.out.println("Terjadi kesalahan diskoneksi : " + x);
    }
}

```

```

public ResultSet ambilData(String sql) {
    ResultSet rs = null;
    try {
        bukakoneksi();
        rs = stmt.executeQuery(sql);
    } catch (Exception x) {
        System.out.println("Terjadi kesalahan ambil data : " + x);
    }
    return rs;
}

```

```

public void close() throws SQLException {
    conn.close();
}

```

```

        stmt.close();
    }
}

```

Coding pesan.java :

```

package control;

```

```

import java.sql.SQLException;

```

```

import javax.servlet.annotation.WebServlet;

```

```

import javax.servlet.http.HttpServlet;

```

```

@WebServlet(name = "pesan", urlPatterns = {"/pesan"})

```

```

public class pesan extends HttpServlet {

```

```

    public String proses(String SQL, String URL, String status)

```

```

        throws ClassNotFoundException, SQLException {

```

```

        koneksi kon = new koneksi();

```

```

        kon.stmt.executeUpdate(SQL);

```

```

        kon.close();

```

```

        String result = "<script>"

```

```

            + "alert('Data berhasil di " + status + "');"

```

```

            + "window.location=\"" + URL + "\";"

```

```

            + "</script>";

```

```

        return result;

```

```

    }

```

```

    public String proses2(String SQL, String URL, String status)

```

```

        throws ClassNotFoundException, SQLException {

```

```

koneksi kon = new koneksi();
kon.stmt.executeUpdate(SQL);
kon.close();
String result = "<script>"
    + "alert('Data Barang Berhasil Di " + status + "');"
    + "window.location=\"" + URL + "\";"
    + "</script>";
return result;
}

public void proses(String SQL) throws ClassNotFoundException,
    SQLException {
    koneksi kon = new koneksi();
    kon.stmt.executeUpdate(SQL);
    kon.close();
}
}

```

Masukkan username dan password sesuai dengan yang sudah ada di dalam database lalu klik login maka akan masuk ke dalam halaman beranda, klik logout untuk Kembali ke halaman login dan klik reset untuk membersihkan inputan login. Untuk halaman beranda terbagi menjadi dua hak akses yaitu hak akses “Admin”, hak akses “User”. Berikut tampilan halaman beranda dari aplikasi pembelian berbasis web:

Change Password || Logout

Aplikasi Pembelian

Program Studi Sistem Informasi Akuntansi

HOME WEBSITE



Aplikasi pembelian ini dibuat oleh Unit pengembangan Akademik Program Studi Sistem Informasi Akuntansi. Aplikasi ini berkaitan dengan mata kuliah Analisa Perancangan Sistem Informasi Akuntansi (APSIA). Aplikasi ini membahas tentang sistem informasi pembelian yang dimulai dari pengolahan data barang, pengolahan data supplier, proses data pemesanan, proses data pembelian, proses data retur, cetak semua laporan transaksi hingga cetak laporan jurnal umum.

- Home
- Data Barang
- Data Supplier
- Data Akun
- Data User
- Pemesanan
- Pembelian
- Retur Pembelian
- Jurnal Umum
- Laporan Barang
- Laporan Supplier
- Laporan Pemesanan
- Laporan Pembelian
- Laporan Retur
- Laporan Jurnal

Coding Halaman Beranda.jsp :

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@taglib prefix="c"uri="http://java.sun.com/jsp/jstl/core"%>
<%@taglib prefix="sql"uri="http://java.sun.com/jsp/jstl/sql"%>
<sql:setDataSource var="dataSource"
    driver="com.mysql.jdbc.Driver"
    url="jdbc:mysql://localhost:3306/pembelian"
    user="root"password=""/>
<!DOCTYPE html>
```

```

<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <title>Aplikasi Pembelian</title>
  <link href="config/design.css" rel="stylesheet" type="text/css" />
  <script type="text/javascript" src="config/setting.js"></script>
</head>
<body>
  <div id="container_wrapper">
    <div class="spacer"></div>
    <div id="container">
      <div id="top">
        <a href="beranda.jsp?halaman=dataPeg">Change Password</a> ||
        <a href="beranda.jsp?halaman=logout">Logout</a>
      </div>
      <div id="header">
        <div id="inner_header">
          <div id="site_title">Aplikasi Pembelian</div>
          <div id="site_slogan">
            <marquee behavior="alternate">Program Studi Sistem Informasi
Akuntansi</marquee>
          </div>
        </div>
      </div>
      <div id="left_column">
        <div class="text_area" align="justify">
          <c:choose>
            <c:when test="{param.halaman=='tampilbrg'}">
              <%@include file="barang.jsp" %>
            </c:when>
            <c:when test="{param.halaman=='tampilsup'}">
              <%@include file="supplier.jsp" %>
            </c:when>
            <c:when test="{param.halaman=='tampilakun'}">
              <%@include file="akun.jsp" %>
            </c:when>
            <c:when test="{param.halaman=='tampiluser'}">
              <%@include file="user.jsp" %>
            </c:when>
            <c:when test="{param.halaman=='pesan'}">
              <%@include file="pemesanan.jsp" %>
            </c:when>
            <c:when test="{param.halaman=='beli'}">
              <%@include file="pembelian.jsp" %>
            </c:when>
          </c:choose>
        </div>
      </div>
    </div>
  </div>

```

```

</c:when>
<c:when test="{param.halaman=='jurnal'}">
  <%@include file="jurnal_umum.jsp" %>
</c:when>
<c:when test="{param.halaman=='cetakbarang'}">
  <%@include file="CetakLaporanBarang.jsp" %>
</c:when>
<c:when test="{param.halaman=='cetakbeli'}">
  <%@include file="CetakLaporanPembelian.jsp" %>
</c:when>
<c:when test="{param.halaman=='logout'}">
  <%@include file="logout.jsp" %>
</c:when>
<c:otherwise>
  <%@include file="home.jsp" %>
</c:otherwise>
</c:choose>
</div>
</div>
<div id="right_column">
  <ul class="menu">
    <li><a href="beranda.jsp">Home</a></li>
    <li><a href="beranda.jsp?halaman=tampilbrg&aksi=SIMPAN">Data
Barang</a></li>
    <li><a href="beranda.jsp?halaman=tampilsup&aksi=SIMPAN">Data
Supplier</a></li>
    <li><a href="beranda.jsp?halaman=tampilakun&aksi=SIMPAN">Data
Akun</a></li>
    <li><a href="beranda.jsp?halaman=tampiluser&aksi=SIMPAN">Data
User</a></li>
    <li><a href="beranda.jsp?halaman=pesan">Pemesanan</a></li>
    <li><a href="beranda.jsp?halaman=beli">Pembelian</a></li>
    <li><a href="beranda.jsp?halaman=retur">Retur Pembelian</a></li>
    <li><a href="beranda.jsp?halaman=jurnal">Jurnal Umum</a></li>
    <li><a href="beranda.jsp?halaman=cetakbarang">Laporan Barang </a></li>
    <li><a href="beranda.jsp?halaman=cetaklapsupplier">Laporan
Supplier</a></li>
    <li><a href="beranda.jsp?halaman=cetaklappemesanan">Laporan
Pemesanan</a></li>
    <li><a href="beranda.jsp?halaman=cetakbeli">Laporan Pembelian</a></li>
    <li><a href="beranda.jsp?halaman=cetaklapretur">Laporan Retur</a></li>
    <li><a href="beranda.jsp?halaman=cetaklapjurnal">Laporan Jurnal</a></li>
  </ul>

```

```

<div class="box" align="justify">
  <div class="subtitle">Date and Time</div>
  <marquee direction="left"> <%=new java.util.Date()%>
  </marquee>
  <br />
</div>
<div class="box" align="justify">
  <div class="subtitle">About this website</div>
  <marquee behavior="scroll" direction="up" scrollamount="5">
    SISTEM INFORMASI AKUNTANSI UNIVERSITAS BSI APLIKASI
    PEMBELIAN
  </marquee>
</div>
<div class="box">
  <div class="subtitle">About this website</div>
  <marquee direction="down" height="200" behavior="alternate">
    <marquee marquee behavior="alternate">
      SISTEM INFORMASI AKUNTANSI<br>UNIVERSITAS
      BSI<br>APLIKASI PEMBELIAN
    </marquee>
  </marquee>
</div>
</div>
<div id="footer">
  Copyright © 2020 PRODI SISTEM INFORMASI AKUNTANSI UBSI
</div>
</div>
<div class="spacer"></div>
</div>
</body>
</html>

```

Coding design.css :

```

body {
  margin:0;
  padding:0;
  line-height: 1.5em;
  font-family: "Verdana", Trebuchet MS, Helvetica, Arial;
}

```

```

    font-size: 12px;
    color: #000000;
    background: #999999 url(..images/templatemo_bg.gif);
}
a:link, a:visited { color: #0066CC; text-decoration: none}
a:active, a:hover { color: #008800; text-decoration: underline}

#container_wrapper {
    background: url(..images/templatemo_side_bg.gif) repeat-x;
}
#container {
    width: 810px;
    margin: 0px auto;
    background: url(..images/templatemo_content_bg.gif);
}
#top {
    clear: left;
    height: 25px; /* 'padding-top' + 'height' must be equal to the 'background image height'
*/
    padding-top: 42px;
    padding-left: 30px;
    background: url(..images/templatemo_top_bg.gif) no-repeat bottom;
}
#header {
    clear: left;
    height: 179px;
    text-align: center;
    background: url(..images/templatemo_header_bg.gif) no-repeat;
}
#inner_header {
    height: 160px;
    background: url(..images/templatemo_header.jpg) no-repeat center center;
}
#left_column {
    clear: left;
    float: left;
    width: 540px;
    padding-left: 20px;
}
#right_column {
    float: right;
    width: 216px;
    padding-right: 15px;
}

```

```

}
#footer {
  clear: both;
  padding-top: 18px;
  height: 37px;
  text-align: center;
  font-size: 11px;
  background: url(../images/templatemo_footer_bg.gif) no-repeat;
  color: #666666;
}
#footer a {
  color: #666666;
}
#site_title {
  padding-top: 65px;
  font-weight: bold;
  font-size: 32px;
  color: #FFFFFF;
}
#site_slogan {
  padding-top: 14px;
  font-weight: bold;
  font-size: 13px;
  color: #AAFFFF;
}
.spacer {
  clear: left;
  height: 18px;
}
.pic {
  float: left;
  margin-right: 10px;
  margin-bottom: 10px;
  border: 1px solid #000000;
}
.box {
  margin: 10px;
  padding: 10px;
  border: 1px dashed #CCCCCC;
  background: #F2F2F2;
}
.box2 {
  clear: left;

```

```
margin-top: 10px;
background: #F6F6F6;
color: #000000;
}
.text_area {
padding: 0 5px 10px 5px;
font-size: 13px;
}
.publish_date {
clear: both;
margin-bottom: 10px;
color: #999999;
font-size: 11px;
font-weight: bold;
}
.title {
padding-bottom: 12px;
font-size: 18px;
font-weight: bold;
color: #0066CC;
}
.subtitle {
padding-bottom: 6px;
font-size: 14px;
font-weight: bold;
color: #666666;
}
.post_title {
padding: 6px;
padding-left: 10px;
background: #DDEEFF;
font-size: 14px;
font-weight: bold;
color: #0066CC;
}
.menu {
list-style-type: none;
margin: 10px;
margin-top: 0px;
padding: 0px;
width: 195px;
}
.menu li a{
```

```

background: #F4F4F4 url(../images/button_default.gif) no-repeat;
font-size: 13px;
font-weight: bold;
color: #0066CC;
display: block;
width: auto;
margin-bottom: 2px;
padding: 5px;
padding-left: 12px;
text-decoration: none;
}
* html .menu li a{
width: 190px;
}
.menu li a:visited, .menu li a:active{
color: #0066CC;
}
.menu li a:hover{
background: #EEEEEE url(../images/button_active.gif) no-repeat;
color: #FF3333;
}

```

Coding cssTable.css :

```

.one table {
border-collapse: collapse;
width: 100%;
}

.one th, td {
padding: 8px;
text-align: left;
border-bottom: 1px solid #ddd;
}

.two table {
border-collapse: collapse;
width: 100%;
}

.two th, td {
text-align: left;
padding: 8px;
}

```

```
.two tr:nth-child(even){background-color: #f2f2f2}
```

```
.two th {  
  background-color: #4CAF50;  
  color: white;  
}
```

A. Data Barang

Menu ini adalah untuk menambahkan data barang yang nantinya akan digunakan dalam proses pembelian barang berbasis web.

Change Password || Logout

Aplikasi Pembelian

Program Studi Sistem Informasi Akuntansi

Data Master Barang

Kode Barang :

Nama Barang :

Harga Barang :

Stok Barang :

Cari Data Barang :

Kode Barang	Nama Barang	Harga Barang	Stok Barang	Action
B0001	Kursi Gaming	2000000	100	Hapus Edit
B0002	Bangku	3000000	34	Hapus Edit
B0003	Meja Belajar	500000	32	Hapus Edit
B0004	Lemari	3000000	10	Hapus Edit
B0005	Kursi Gaming	5000000	100	Hapus Edit

- Home
- Data Barang
- Data Supplier
- Data Akun
- Data User
- Pemesanan
- Pembelian
- Retur Pembelian
- Jurnal Umum
- Laporan Barang
- Laporan Supplier
- Laporan Pemesanan
- Laporan Pembelian
- Laporan Retur
- Laporan Jurnal

- Klik Simpan untuk menyimpan data barang baru
- Klik Cari untuk mencari data barang
- Klik Edit untuk mengubah data barang
- Klik Hapus untuk menghapus data barang

Coding Barang.jsp :

```
<%@page import="control.koneksi"%>
```

```
<%@page import="java.sql.*" %>
```

```
<h1>Data Master Barang</h1>
```

```
<table border="0">
```

```

<form action="BarangServlet" method="post" onsubmit="return validasi_inputBarang(this)">
  <input type="hidden" name="aksi" value="{param.aksi}"/>
  <tr>
    <td>Kode Barang</td> <td>: <input type="text" name="kode"
value="{param.kd_brg}"/> </td>
  </tr>
  <tr>
    <td>Nama Barang</td> <td>: <input type="text" name="nama"
value="{param.nm_brg}"/></td>
  </tr>
  <tr>
    <td>Harga Barang</td> <td>: <input type="text" name="harga" onkeypress="return
hanyaAngka(event)" value="{param.harga}"/></td>
  </tr>
  <tr>
    <td>Stok Barang</td> <td>: <input type="text" name="stok" onkeypress="return
hanyaAngka(event)" value="{param.stok}"/></td>
  </tr>
  <tr>
    <td><input type="submit" value="Simpan" class="button"/></td> <td> </td>
  </tr>
</form>
</td></tr></table><br>
<form action="" method="post">
  Cari Data Barang : <input type="text" name="cari" value="{param.cari}"/>
  <input type="submit" value=" Cari " class="button"/> <br>
</form>
<sql:query var="querysupplier" dataSource="{dataSource}">
  SELECT * from barang where kd_brg like "%{param.cari}%" or
  nm_brg like "%{param.cari}%"

```

```

</sql:query>
<br><table border="1" width="100%" cellpadding="0" cellspacing="0">
  <tr class="head">
    <td>Kode Barang</td><td>Nama Barang</td><td>Harga Barang</td><td>Stok
    Barang</td><td>Action</td>
  </tr>
  <c:forEach var="rowbrg" items="{querysupplier.rowsByIndex}">
    <tr class="isi">
      <td valign="top">${rowbrg[0]}</td>
      <td valign="top">${rowbrg[1]}</td>
      <td valign="top">${rowbrg[2]}</td>
      <td valign="top">${rowbrg[3]}</td>
      <td valign="top"><a href='BarangServlet?aksi=HAPUS&kode=${rowbrg[0]}'>
Hapus</a> |
      <a
href='beranda.jsp?halaman=tampilbrg&aksi=GANTI&kd_brg=${rowbrg[0]}&nm_brg=${rowbr
g[1]}&harga=${rowbrg[2]}&stok=${rowbrg[3]}'> Edit </a>
    </td>
    </tr>
  </c:forEach>
</table>

```

Coding barang.java :

```
package model;
```

```

public class barang {
    String kodebarang,namabarang,harga,stok;

    public barang() {
    }
}

```

```
public barang(String kodebarang, String namabarang, String harga, String stok) {  
    this.kodebarang = kodebarang;  
    this.namabarang = namabarang;  
    this.harga = harga;  
    this.stok = stok;  
}
```

```
public String getKodebarang() {  
    return kodebarang;  
}
```

```
public void setKodebarang(String kodebarang) {  
    this.kodebarang = kodebarang;  
}
```

```
public String getNamabarang() {  
    return namabarang;  
}
```

```
public void setNamabarang(String namabarang) {  
    this.namabarang = namabarang;  
}
```

```
public String getHarga() {  
    return harga;  
}
```

```
public void setHarga(String harga) {  
    this.harga = harga;  
}
```

```
public String getStok() {  
    return stok;  
}
```

```
public void setStok(String stok) {  
    this.stok = stok;  
}
```

```
public String selectAll(){  
    String sql = "select * from barang";  
    return sql;  
}
```

```
public String select(){  
    String sql = "select * from barang where "  
        + "nm_brg='"+namabarang+'";  
    return sql;  
}
```

```
public String toUpdate() {  
    return "UPDATE barang SET " +  
        "nm_brg=" + namabarang +  
        ", harga=" + harga +  
        ", stok=" + stok +  
        " WHERE kd_brg=" + kodebarang + "";
```

```
}
```

```
public String toDelete() {  
    return "DELETE FROM barang "  
        + " WHERE kd_brg='" + kodebarang + "'";  
}
```

```
public String toInsert() {  
    return "INSERT INTO barang VALUES("  
        + kodebarang + ", "  
        + namabarang + ", "  
        + harga + ", "  
        + stok + ")";  
}  
}
```

Coding barangServlet.java :

```
package control;  
  
import java.io.IOException;  
import java.io.PrintWriter;  
import static java.lang.System.out;  
import java.sql.SQLException;  
import java.util.logging.Level;  
import java.util.logging.Logger;  
import javax.servlet.ServletException;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;
```

```

import javax.servlet.http.HttpServletResponse;
import model.barang;

public class BarangServlet extends pesan {

    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            String aksi = request.getParameter("aksi");
            String kodebarang=request.getParameter("kode");
            String namabarang=request.getParameter("nama");
            String harga=request.getParameter("harga");
            String stok=request.getParameter("stok");
            barang var = new barang(kodebarang,namabarang,harga,stok);
            String URL = "beranda.jsp?halaman=tampilbrg&aksi=SIMPAN";
            if(aksi.equals("SIMPAN")){
                out.print(super.proses(var.toInsert(), URL, "SIMPAN"));
            } else if (aksi.equals("GANTI")){
                out.print(super.proses(var.toUpdate(), URL, "GANTI"));
            } else if (aksi.equals("HAPUS")){
                out.print(super.proses(var.toDelete(), URL, "HAPUS"));
            }
        } catch (ClassNotFoundException ex) {
            Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
        } catch (SQLException ex) {
            Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
        } finally {

```

```

        out.close();
    }
}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the
left to edit the code.">

/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Handles the HTTP <code>POST</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)

```

```

        throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>
}

```

Coding setting.js :

```

function hanyaAngka(evt) {
    var charCode = (evt.which) ? evt.which : event.keyCode
    if (charCode > 31 && (charCode < 48 || charCode > 57))
        return false;
    return true;
}

```

```

function validasi_inputBarang(form) {
    if (form.kode.value == "") {
        alert("Kode Barang masih kosong!");
        form.kode.focus();
        return (false);
    }
}

```

```

} else if (form.nama.value == "") {
    alert("Nama Barang masih kosong!");
    form.nama.focus();
    return (false);
} else if (form.harga.value == "") {
    alert("Harga masih kosong!");
    form.harga.focus();
    return (false);
} else if (form.stok.value == "") {
    alert("Stok masih kosong!");
    form.stok.focus();
    return (false);
}
return (true);
}

```

```

function validasi_inputSupplier(form) {
    if (form.kd_supp.value == "") {
        alert("Kode Supplier masih kosong!");
        form.kd_supp.focus();
        return (false);
    } else if (form.nm_supp.value == "") {
        alert("Nama Supplier masih kosong!");
        form.nm_supp.focus();
        return (false);
    } else if (form.alamat.value == "") {
        alert("Alamat masih kosong!");
        form.alamat.focus();
    }
}

```

```

        return (false);
    } else if (form.telp.value == "") {
        alert("Telepon masih kosong!");
        form.telp.focus();
        return (false);
    }
    return (true);
}

function pesan() {
    document.getElementById("nopesan").value = document.getElementById("nopesan").value;
}

function showEmp(emp_value)
{
    if (document.getElementById("emp_id").value != "-1")
    {
        xmlhttp = GetXmlHttpRequest()
        if (xmlhttp == null)
        {
            alert("Browser does not support HTTP Request")
            return
        }
        var url = "getbarang.jsp"
        url = url + "?emp_id=" + emp_value

        xmlhttp.onreadystatechange = stateChanged
        xmlhttp.open("GET", url, true)
    }
}

```

```

        xmlHttp.send(null)
    } else
    {
        alert("Pilih Kode Barang");
    }
}
function stateChanged()
{
    document.getElementById("ename").value = "";
    document.getElementById("emp_id").value = "";
    if (xmlHttp.readyState == 4 || xmlHttp.readyState == "complete")
    {

        var showdata = xmlHttp.responseText;
        var strar = showdata.split(":");
        if (strar.length == 1)
        {
            document.getElementById("emp_id").focus();
            alert("Pilih Kode Barang");
            document.getElementById("ename").value = " ";
            document.getElementById("emp_id").value = " ";
        } else if (strar.length > 1)
        {
            document.getElementById("ename").value = strar[1];
        }
    }
}
function GetXmlHttpRequestObject()

```

```

{
    var xmlHttp = null;
    try
    {
        xmlHttp = new XMLHttpRequest();
    } catch (e)
    {
        try
        {
            xmlHttp = new ActiveXObject("Msxml2.XMLHTTP");
        } catch (e)
        {
            xmlHttp = new ActiveXObject("Microsoft.XMLHTTP");
        }
    }
    return xmlHttp;
}

function sumPesan() {
    var txtFirstNumberValue = document.getElementById('ename').value;
    var txtSecondNumberValue = document.getElementById('jml').value;
    var result = parseFloat(txtFirstNumberValue) * parseFloat(txtSecondNumberValue);
    if (!isNaN(result)) {
        document.getElementById('subtotal').value = result;
    }
}

function showBeli(emp_value)
{

```

```

if (document.getElementById("emp_id").value != "-1")
{
    xmlHttp = GetXmlHttpRequestObject()
    if (xmlHttp == null)
    {
        alert("Browser does not support HTTP Request")
        return
    }
    var url = "getdetail.jsp"
    url = url + "?emp_id=" + emp_value

    xmlHttp.onreadystatechange = stateChanged
    xmlHttp.open("GET", url, true)
    xmlHttp.send(null)
} else
{
    alert("Pilih Kode Barang");
}
}
function stateChanged()
{
    document.getElementById("ename").value = "";
    document.getElementById("emp_id").value = "";
    if (xmlHttp.readyState == 4 || xmlHttp.readyState == "complete")
    {

        var showdata = xmlHttp.responseText;
        var strar = showdata.split(":");
    }
}

```

```

if (strar.length == 1)
{
    document.getElementById("emp_id").focus();
    alert("Pilih Kode Barang");
    document.getElementById("ename").value = " ";
    document.getElementById("emp_id").value = " ";
} else if (strar.length > 1)
{
    document.getElementById("ename").value = strar[1];
}
}
}
function GetXmlHttpRequest()
{
    var xmlhttp = null;
    try
    {
        xmlhttp = new XMLHttpRequest();
    } catch (e)
    {
        try
        {
            xmlhttp = new ActiveXObject("Msxml2.XMLHTTP");
        } catch (e)
        {
            xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
        }
    }
}

```

```

    return xmlHttp;
}
function Hitung (){
    kre1 = document.getElementById("kredit1").value;
    kre2 = document.getElementById("kredit2").value;
    kre3 = document.getElementById("kredit3").value;
    kre4 = document.getElementById("kredit4").value;

    TotKre = parseInt(kre1) + parseInt(kre2) + parseInt(kre3) + parseInt(kre4);
    document.getElementById("TtlKredit").value = parseInt(TotKre);

    deb1 = document.getElementById("debet1").value;
    deb2 = document.getElementById("debet2").value;
    deb3 = document.getElementById("debet3").value;
    deb4 = document.getElementById("debet4").value;

    TotDeb = parseInt(deb1) + parseInt(deb2) + parseInt(deb3) + parseInt(deb4);
    document.getElementById("TtlDebet").value = parseInt(TotKre);

    Total = parseInt(TotDeb) - parseInt(TotKre);
    document.getElementById("Balance").value = parseInt(Total);
}

```

B. Data Supplier

Menu ini adalah untuk menambahkan data supplier yang nantinya akan digunakan untuk transaksi pemesanan dikarenakan harus memilih supplier.

Change Password || Logout

Aplikasi Pembelian

Program Studi Sistem Informasi Akuntansi

Data Master Supplier

Kode Supplier :

Nama Supplier :

Alamat Supplier :

Telepon Supplier :

Cari Data Supplier :

Kode Supplier	Nama Supplier	Alamat Supplier	Telepon	Action
S0001	PT. Sejahtera	Jakarta	02187654321	Hapus Edit

- Home
- Data Barang
- Data Supplier
- Data Akun
- Data User
- Pemesanan
- Pembelian
- Retur Pembelian
- Jurnal Umum
- Laporan Barang

- Klik Simpan untuk menyimpan data supplier baru
- Klik Cari untuk mencari data supplier
- Klik Edit untuk mengubah data supplier
- Klik Hapus untuk menghapus data supplier

Coding Supplier.jsp :

```
<%@page import="control.koneksi"%>
<%@page import="java.sql.*" %>
<h1>Data Master Supplier</h1>
<table border="0">
  <form action="supServlet" method="post" onsubmit="return
validasi_inputSupplier(this)">
    <input type="hidden" name="aksi" value="{param.aksi}"/>
    <tr>
      <td>Kode Supplier</td> <td>: <input type="text" name="kd_supp"
value="{param.kd_supp}"/></td>
    </tr>
```

```

        <tr>
            <td>Nama Supplier</td> <td>: <input type="text" name="nm_supp"
value="{param.nm_supp}"/></td>
        </tr>
        <tr>
            <td>Alamat Supplier</td> <td>: <input type="text" name="alamat"
value="{param.alamat}"/></td>
        </tr>
        <tr>
            <td>Telepon Supplier</td> <td>: <input type="text" name="telp"
onkeypress="return hanyaAngka(event)" value="{param.telepon}"/></td>
        </tr>
        <tr>
            <td><input type="submit" value="Simpan" class="button"/></td> <td> </td>
        </tr>
    </form>
</td></tr></table><br>
<form action="" method="post">
    Cari Data Supplier : <input type="text" name="cari" value="{param.cari}"/>
    <input type="submit" value=" Cari " class="button"/> <br>
</form>
<sql:query var="querysupplier" dataSource="{dataSource}">
    SELECT * from supplier where kd_supp like "%{param.cari}%" or
    nm_supp like "%{param.cari}%"
</sql:query>
<br><table border="1" width="100%" cellpadding="0" cellspacing="0">
    <tr class="head">
        <td>Kode Supplier</td><td>Nama Supplier</td><td>Alamat
Supplier</td><td>Telepon</td><td>Action</td>
    </tr>
    <c:forEach var="rowsupp" items="{querysupplier.rowsByIndex}">
        <tr class="isi">
            <td valign="top">{rowsupp[0]}</td>
            <td valign="top">{rowsupp[1]}</td>
            <td valign="top">{rowsupp[2]}</td>
            <td valign="top">{rowsupp[3]}</td>
            <td valign="top"><a href='supServlet?aksi=HAPUS&kd_supp={rowsupp[0]}'>
Hapus</a> |
            <a
href='beranda.jsp?halaman=tampilsup&aksi=GANTI&kd_supp={rowsupp[0]}&nm_supp
={rowsupp[1]}&alamat={rowsupp[2]}&telepon={rowsupp[3]}'> Edit </a>
        </td>
    </tr>

```

```
</c:forEach>  
</table>
```

Coding supplier.java :

```
package model;
```

```
public class supplier {  
    String kodesupp,namasupp,alamat,tlp;  
  
    public supplier() {  
    }  
  
    public supplier(String kodesupp, String namasupp, String alamat, String tlp) {  
        this.kodesupp = kodesupp;  
        this.namasupp = namasupp;  
        this.alamat = alamat;  
        this.tlp = tlp;  
    }  
  
    public String getKodesupp() {  
        return kodesupp;  
    }  
  
    public void setKodesupp(String kodesupp) {  
        this.kodesupp = kodesupp;  
    }  
  
    public String getNamasupp() {  
        return namasupp;  
    }  
  
    public void setNamasupp(String namasupp) {  
        this.namasupp = namasupp;  
    }  
  
    public String getAlamat() {  
        return alamat;  
    }  
  
    public void setAlamat(String alamat) {  
        this.alamat = alamat;  
    }  
}
```

```

public String getTlp() {
    return tlp;
}

public void setTlp(String tlp) {
    this.tlp = tlp;
}

public String selectAll(){
    String sql = "select * from supplier";
    return sql;
}

public String select(){
    String sql = "select * from supplier where "
        + "kd_supp='"+kodesupp+'";";
    return sql;
}

public String toUpdate() {
    return "UPDATE supplier SET "
        + "nm_supp='" + namasupp
        + "', alamat='" + alamat
        + "', telpon='" + tlp
        + "' WHERE kd_supp='" + kodesupp + "'";
}

public String toDelete() {
    return "DELETE FROM supplier "
        + " WHERE kd_supp='" + kodesupp + "'";
}

public String toInsert() {
    return "INSERT INTO supplier VALUES("
        + kodesupp + ","
        + namasupp + ","
        + alamat + ","
        + tlp + ")";
}
}
}

```

Coding supServlet.java :

```

package control;

```

```

import java.io.IOException;
import java.io.PrintWriter;
import static java.lang.System.out;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import model.supplier;

public class supServlet extends pesan {

    protected void processRequest(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
        String aksi = request.getParameter("aksi");
        String kodesupp = request.getParameter("kd_supp");
        String namasupp = request.getParameter("nm_supp");
        String alamat = request.getParameter("alamat");
        String tlp = request.getParameter("telp");
        String cari = request.getParameter("cari");
        supplier var = new supplier(kodesupp, namasupp, alamat, tlp);
        String URL = "beranda.jsp?halaman=tampilsup&aksi=SIMPAN";
        if (aksi.equals("SIMPAN")) {
            out.print(super.proses(var.toInsert(), URL, "SIMPAN"));
        } else if (aksi.equals("GANTI")) {
            out.print(super.proses(var.toUpdate(), URL, "GANTI"));
        } else if (aksi.equals("HAPUS")) {
            out.print(super.proses(var.toDelete(), URL, "HAPUS"));
        }
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
    } finally {
        out.close();
    }
}
}

```

```
// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign  
on the left to edit the code.">
```

```
/**  
 * Handles the HTTP <code>GET</code> method.  
 *  
 * @param request servlet request  
 * @param response servlet response  
 * @throws ServletException if a servlet-specific error occurs  
 * @throws IOException if an I/O error occurs  
 */  
@Override  
protected void doGet(HttpServletRequest request, HttpServletResponse response)  
    throws ServletException, IOException {  
    processRequest(request, response);  
}
```

```
/**  
 * Handles the HTTP <code>POST</code> method.  
 *  
 * @param request servlet request  
 * @param response servlet response  
 * @throws ServletException if a servlet-specific error occurs  
 * @throws IOException if an I/O error occurs  
 */  
@Override  
protected void doPost(HttpServletRequest request, HttpServletResponse response)  
    throws ServletException, IOException {  
    processRequest(request, response);  
}
```

```
/**  
 * Returns a short description of the servlet.  
 *  
 * @return a String containing servlet description  
 */  
@Override  
public String getServletInfo() {  
    return "Short description";  
} // </editor-fold>
```

```
}
```

C. Data User

Menu ini adalah untuk menambahkan data user yang nantinya akan digunakan untuk proses login kedalam aplikasi.

Change Password || Logout

Aplikasi Pembelian

Program Studi Sistem Informasi Akuntansi

Data Master User

Id User :

Nama User :

Hak Akses :

Password :

Cari Data User :

Id User	Nama User	Hak Akses	Password	Action
USR01	Rifky	Admin	12345678	Hapus Edit
USR02	Nia Kurniasih	User	12341234	Hapus Edit

- [Home](#)
- [Data Barang](#)
- [Data Supplier](#)
- [Data Akun](#)
- [Data User](#)
- [Pemesanan](#)
- [Pembelian](#)
- [Retur Pembelian](#)
- [Jurnal Umum](#)
- [Laporan Barang](#)
- [Laporan Supplier](#)

- Klik Simpan untuk menyimpan data user baru
- Klik Cari untuk mencari data user
- Klik Edit untuk mengubah data user
- Klik Hapus untuk menghapus data user

Coding User.jsp :

```
<%@page import="control.koneksi"%>
```

```
<%@page import="java.sql.*" %>
```

```
<h1>Data Master User</h1>
```

```
<table border="0">
```

```
  <form action="BarangServlet" method="post" onsubmit="return validasi_inputBarang(this)">
```

```
    <input type="hidden" name="aksi" value="{param.aksi}"/>
```

```
  <tr>
```

```

        <td>Id User</td> <td>: <input type="text" name="kode" value="{param.kd_brg}"/>
</td>
    </tr>
    <tr>
        <td>Nama User</td> <td>: <input type="text" name="nama"
value="{param.nm_brg}"/></td>
    </tr>
    <tr>
        <td>Hak Akses</td> <td>: <input type="text" name="harga" onkeypress="return
hanyaAngka(event)" value="{param.harga}"/></td>
    </tr>
    <tr>
        <td>Password</td> <td>: <input type="text" name="stok" onkeypress="return
hanyaAngka(event)" value="{param.stok}"/></td>
    </tr>
    <tr>
        <td><input type="submit" value="Simpan" class="button"/></td> <td> </td>
    </tr>
</form>
</td></tr></table><br>
<form action="" method="post">
    Cari Data User : <input type="text" name="cari" value="{param.cari}"/>
    <input type="submit" value=" Cari " class="button"/> <br>
</form>
<sql:query var="querysupplier" dataSource="{dataSource}">
    SELECT id_user,nm_user,hak_akses,pass from user where id_user like '%{param.cari}%' or
    nm_user like '%{param.cari}%'
</sql:query>
<br><table border="1" width="100%" cellpadding="0" cellspacing="0">
    <tr class="head">

```

```

        <td>Id User</td><td>Nama User</td><td>Hak
Akses</td><td>Password</td><td>Action</td>
</tr>
<c:forEach var="rowbrg" items="{querysupplier.rowsByIndex}">
    <tr class="isi">
        <td valign="top">${rowbrg[0]}</td>
        <td valign="top">${rowbrg[1]}</td>
        <td valign="top">${rowbrg[2]}</td>
        <td valign="top">${rowbrg[3]}</td>
        <td valign="top"><a href='BarangServlet?aksi=HAPUS&kode=${rowbrg[0]}'>
Hapus</a> |
            <a
href='beranda.jsp?halaman=tampilbrg&aksi=GANTI&kd_brg=${rowbrg[0]}&nm_brg=${rowbr
g[1]}&harga=${rowbrg[2]}&stok=${rowbrg[3]}'> Edit </a>
        </td>
    </tr>
</c:forEach>
</table>

```

Coding user.java :

```

package model;

import java.sql.ResultSet;
import java.util.ArrayList;
import java.util.List;
import control.koneksi;
import java.util.logging.Level;
import java.util.logging.Logger;

public class user {

```

```

private String id;
private String iduser;
private String namauser;
private String hakakses;
private String password;
koneksi db = null;

public user(){
    db = new koneksi();
}

public String getId() {
    return id;
}

public void setId(String id) {
    this.id = id;
}

public String getIduser() {
    return iduser;
}

public void setIduser(String iduser) {
    this.iduser = iduser;
}

public String getNamauser() {

```

```

        return namauser;
    }

    public void setNamauser(String namauser) {
        this.namauser = namauser;
    }

    public String getHakakses() {
        return hakakses;
    }

    public void setHakakses(String hakakses) {
        this.hakakses = hakakses;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }

    public List LoginUser(String user, String password) {
        List data = new ArrayList();
        ResultSet rs = null;
        try {
            String sql = "SELECT * FROM user where id_user='" + user + "'"

```

```

        + "and pass=" + password + """;
rs = db.ambilData(sql);

while (rs.next()) {
    user am = new user();
    am.setId(rs.getString("id"));
    am.setIduser(rs.getString("id_user"));
    am.setPassword(rs.getString("pass"));
    am.setHakakses(rs.getString("hak_akses"));
    data.add(am);
}
db.diskonek(rs);
} catch (Exception a) {
System.out.println("Terjadi kesalahan cari login user, pada :\n" + a);
}
return data;
}
}

```

Coding userServlet.java :

```

package control;

import java.io.IOException;
import java.io.PrintWriter;
import static java.lang.System.out;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;

```

```

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import model.user;

public class UserServlet extends pesan {

    /**
     * Processes requests for both HTTP GET and POST
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            String aksi = request.getParameter("aksi");
            String iduser=request.getParameter("kode");
            String namauser=request.getParameter("nama");
            String hakakses=request.getParameter("akses");
            String password=request.getParameter("pass");
            user var = new user(iduser,namauser,hakakses,password);
            String URL = "beranda.jsp?halaman=tampiluser&aksi=SIMPAN";

```

```

        if(aksi.equals("SIMPAN")){
            out.print(super.proses(var.toInsert(), URL, "SIMPAN"));
        } else if (aksi.equals("GANTI")){
            out.print(super.proses(var.toUpdate(), URL, "GANTI"));
        } else if (aksi.equals("HAPUS")){
            out.print(super.proses(var.toDelete(), URL, "HAPUS"));
        }
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
    } finally {
        out.close();
    }
}

```

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

```

/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {

```

```

        processRequest(request, response);
    }

/**
 * Handles the HTTP POST method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>
}

```

D. Data Akun

Menu ini adalah untuk menambahkan data akun yang nantinya akan digunakan untuk proses pengolahan transaksi jurnal.

Change Password || Logout

Aplikasi Pembelian

Program Studi Sistem Informasi Akuntansi

Data Master Akun

Nomor Akun :

Nama Akun :

Cari Data Akun :

Nomer Akun	Nama Akun	Action
10001	Kas	Hapus Edit
10002	Bank	Hapus Edit
10003	Piutang	Hapus Edit

- Home
- Data Barang
- Data Supplier
- Data Akun
- Data User
- Pemesanan
- Pembelian
- Retur Pembelian
- Jurnal Umum

- Klik Simpan untuk menyimpan data akun baru
- Klik Cari untuk mencari data akun
- Klik Edit untuk mengubah data akun
- Klik Hapus untuk menghapus data akun

Coding Akun.jsp :

```
<%@page import="control.koneksi"%>
<%@page import="java.sql.*" %>
<script type="text/javascript">
function validasi_input(form) {
    if (form.nm_supp.value == "") {
        alert("Nomor Akun masih kosong!");
        form.nm_supp.focus();
        return (false);
    } else if (form.alamat.value == "") {
        alert("Nama Akun masih kosong!");
        form.alamat.focus();
    }
}
```

```

        return (false);
    return (true);
}
function hanyaAngka(evt) {
    var charCode = (evt.which) ? evt.which : event.keyCode
    if (charCode > 31 && (charCode < 48 || charCode > 57))
        return false;
    return true;
}
</script>
<h1>Data Master Akun</h1>
<table border="0">
    <tr>
        <form action="akunServlet" method="post" onsubmit="return validasi_input(this)">
            <input type="hidden" name="aksi" value="{param.aksi}"/>
        <tr>
            <td>Nomor Akun</td> <td>: <input type="text" name="nomer"
value="{param.nomer}"/></td>
        </tr>
        <tr>
            <td>Nama Akun</td> <td>: <input type="text" name="nama"
value="{param.nama}"/></td>
        </tr>
        <tr>
            <td><input type="submit" value="Simpan" class="button"/></td> <td> </td>
        </tr>
    </form>
</td></tr></table><br>
<form action="" method="post">
    Cari Data Akun : <input type="text" name="cari" value="{param.cari}"/>
    <input type="submit" value=" Cari " class="button"/> <br>
</form>
<sql:query var="queryakun" dataSource="{dataSource}">
    SELECT * from akun where no_akun like '%{param.cari}%' or
    nm_akun like '%{param.cari}%'
</sql:query>
<br><table border="1" width="100%" cellpadding="0" cellspacing="0">
    <tr class="head">
        <td>Nomer Akun</td><td>Nama Akun</td><td>Action</td>
    </tr>
    <c:forEach var="rowakun" items="{queryakun.rowsByIndex}">
        <tr class="isi">
            <td valign="top">{rowakun[0]}</td>

```

```

        <td valign='top'>${rowakun[1]}</td>
        <td valign='top'><a href='supServlet?aksi=HAPUS&kd_supp=${rowsupp[0]}'>
Hapus</a> |
        <a
href='beranda.jsp?halaman=tampilsup&aksi=GANTI&kd_supp=${rowsupp[0]}&nm_supp
=${rowsupp[1]}&alamat=${rowsupp[2]}&telepon=${rowsupp[3]}'> Edit </a>
        </td>
    </tr>
</c:forEach>
</table>

```

Coding akun.java :

```
package model;
```

```
public class akun {
```

```
    String kodeakun,namaakun;
```

```
    public akun(){
```

```
    }
```

```
    public akun(String kodeakun,String namaakun){
```

```
        this.kodeakun = kodeakun;
```

```
        this.namaakun = namaakun;
```

```
    }
```

```
    public String getKodeakun() {
```

```
        return kodeakun;
```

```
    }
```

```
    public void setKodeakun(String kodeakun) {
```

```
        this.kodeakun = kodeakun;
```

```

}

public String getNamaakun() {
    return namaakun;
}

public void setNamaakun(String namaakun) {
    this.namaakun = namaakun;
}

public String selectAll(){
    String sql = "select * from akun";
    return sql;
}

public String select(){
    String sql= "select * from akun where "
        + "no_akun='"+kodeakun+"'";
    return sql;
}

public String toUpdate() {
    return "UPDATE akun SET " +
        "nm_akun=" + namaakun +
        "' WHERE no_akun=" + kodeakun + "'";
}

public String toDelete() {
    return "DELETE FROM akun "
        + " WHERE no_akun=" + kodeakun + "'";
}

```

```

    }

    public String toInsert(){
        return "insert into akun values("
            + kodeakun + ","
            + namaakun + ")";
    }
}

```

Coding akunServlet.java :

```

package control;

import java.io.IOException;
import java.io.PrintWriter;
import static java.lang.System.out;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import model.akun;

public class AkunServlet extends pesan {

    /**
     * Processes requests for both HTTP GET and POST

```

```

* methods.
*
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/

```

```

protected void processRequest(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
        String aksi = request.getParameter("aksi");
        String kodeakun=request.getParameter("nomor");
        String namaakun=request.getParameter("nama");
        akun var = new akun(kodeakun,namaakun);
        String URL = "beranda.jsp?halaman=tampilakun&aksi=SIMPAN";
        if(aksi.equals("SIMPAN")){
            out.print(super.proses(var.toInsert(), URL, "SIMPAN"));
        } else if (aksi.equals("GANTI")){
            out.print(super.proses(var.toUpdate(), URL, "GANTI"));
        } else if (aksi.equals("HAPUS")){
            out.print(super.proses(var.toDelete(), URL, "HAPUS"));
        }
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
    } catch (SQLException ex) {
        Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
    } finally {

```

```

        out.close();
    }
}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the
left to edit the code.">

/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Handles the HTTP <code>POST</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)

```

```
        throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>
}
```

E. Transaksi Pemesanan

Menu ini adalah untuk memproses transaksi pemesanan yang nantinya akan berpengaruh kedalam transaksi pembelian.

Transaksi Pemesanan Barang

Data Barang

No Pesan :

Tanggal Pesan :

Barang :

Harga Barang :

Jumlah Pesan :

Subtotal :

Data Supplier

Supplier

Data Barang Untuk Dipesan			
Kode Barang	Quantity	Subtotal	AKSI

Total Jumlah Barang Dipesan :

Total Bayar :

- Home
- Data Barang
- Data Supplier
- Data Akun
- Data User
- Pemesanan
- Pembelian
- Retur Pembelian
- Jurnal Umum
- Laporan Barang
- Laporan Supplier
- Laporan Pemesanan
- Laporan Pembelian
- Laporan Retur
- Laporan Jurnal

Date and Time
Thu Jul 1

- Klik Tambah untuk menambahkan data barang baru kedalam data list barang yang akan dipesan
- Klik Proses untuk menyimpan data pemesanan
- Klik Cancel untuk membatalkan proses pemesanan
- Klik Hapus untuk menghapus data barang yang akan dipesan

Coding Pemesanan.jsp :

```
<%@page import="java.sql.ResultSet"%>
<%@page import="control.koneksi"%>
<%@page import="model.barang,model.supplier,model.pemesanan"%>
<%@page import="java.util.Date"%>
<%@include file="config/autokode.jsp" %>
```

```

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<% java.util.Date waktu = new java.util.Date();
    int tanggal = waktu.getDate();
    int tahun = waktu.getYear() + 1900;
    int bulan = waktu.getMonth() + 1;
    String tgl = tahun + "-" + bulan + "-" + tanggal;
    pemesanan pemesanan = new pemesanan();
    barang barang = new barang();
    supplier supplier = new supplier();
    koneksi kon = new koneksi();
    ResultSet rs = null;
    ResultSet qrybarang = null;
    ResultSet qrypemesanan = null;
%>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Transaksi Pemesanan</title>
    </head>
    <body>
        <sql:query var="ttl" dataSource="{dataSource}">
            SELECT SUM(quantity) AS ttl_D,
            SUM(subtotal) AS ttl_K FROM sementara
        </sql:query>
        <h1>Transaksi Pemesanan Barang</h1></br>
        <table border="0">
            <form action="ServletPemesanan" method="post">
                <h2>Data Barang</h2>

```

```

<tr>
  <td>No Pesan</td>    <td>: <%
  try {
    Class.forName("com.mysql.jdbc.Driver");
    ResultSet nopesan = null;
    nopesan = kon.stmt.executeQuery("select max(right(no_pesanan,6)) as no FROM
    pemesanan");
    while (nopesan.next()) {
      if (nopesan.first() == false) {
        out.println("<input type='text' class='form-control' id='inputpesan' readonly
value='PS000001' name='no_pesanan'>");
      } else {
        nopesan.last();
        int autopesanan = nopesan.getInt(1) + 1;
        String nomorpesanan = String.valueOf(autopesanan);
        int noLong = nomorpesanan.length();

        for (int a = 1; a < 7 - noLong; a++) {
          nomorpesanan = "0" + nomorpesanan;
        }
        String nomerpesanan = "PS" + nomorpesanan;
        out.println("<input type='text' class='form-control' id='inputpesan' readonly
value='" + nomerpesanan + "' name='no_pesanan'>");
      }
    }
  } catch (Exception e) {
    out.println(e);
  }
%></td>

```

```

</tr>
<tr>
    <td>Tanggal Pesan</td> <td>: <input type="text" name="tanggal" value =<%= tgl%>
readonly="readonly"></td>
</tr>
<tr>
    <td>Barang</td>    <td>: <select name="kode"
onchange="showEmp(this.value);">
        <option value="-1">Pilih Barang</option>
        <%
            rs = kon.stmt.executeQuery("SELECT * from barang ");
            while (rs.next()) {
                barang.setKodebarang(rs.getString("kd_brg"));
                barang.setNamabarang(rs.getString("nm_brg"));
            %>
        <option
value="<%=barang.getKodebarang()%>"><%=barang.getKodebarang()%> ||
<%=barang.getNamabarang()%></option>
        <% } %>
    </select></td>
</tr>
<input type="hidden" name="emp_id" id="emp_id" value="">
<tr>
    <td>Harga Barang</td> <td>: <input type="text" name="harga" id="ename"
value="" readonly="readonly" onkeyup="sumPesan();"></td>
</tr>
<tr>
    <td>Jumlah Pesan</td> <td>: <input type="text" name="jml" id="jml"
onkeyup="sumPesan();"></td>
</tr>

```

```

<tr>
    <td>Subtotal</td>    <td>: <input type="text" name="sub" id="subtotal"
readonly="readonly"></td>
</tr>
<tr>
    <td><input type="submit" value="TAMBAH" name="aksi1"></td>
</tr>

```

```
</table>
```

```
<h2>Data Supplier</h2>
```

```
Supplier    <select name="supplier">
```

```
<option value="-1">Pilih Supplier</option>
```

```
<%
```

```
rs = kon.stmt.executeQuery("SELECT * from supplier ");
```

```
while (rs.next()) {
```

```
supplier.setKodesupp(rs.getString("kd_supp"));
```

```
supplier.setNamasupp(rs.getString("nm_supp"));
```

```
%>
```

```
<option
```

```
value="<%=supplier.getKodesupp()%>"><%=supplier.getNamasupp()%></option>
```

```
<% } %>
```

```
</select><br><br>
```

```
<table width="535" border="1" align="center">
```

```
<tr align="center">
```

```
<td colspan="5"><h3>Data Barang Untuk Dipesan</h3></td>
```

```
</tr>
```

```
<tr>
```

```
<th>Kode Barang</th>
```

```
<th>Quantity</th>
```

```

        <th>Subtotal</th>
        <th>AKSI</th>
    </tr>
<%
    rs = kon.stmt.executeQuery("SELECT * from sementara");
    while (rs.next()) {
        out.println("<tr class=isi>"
            + "<td>" + rs.getString(2) + "</td>"
            + "<td>" + rs.getString(3) + "</td>"
            + "<td>" + rs.getString(4) + "</td>"
            + "<td><a href=ServletPemesanan?aksi2=HAPUS&kode=" + rs.getString(2) +
">Hapus</a></td>"
            + "</tr>");
    }
%>
</table>
<c:forEach var='ttlDK'items='${ttl.rowsByIndex}'><br>
    <table border="0">
        <tr><td>Total Jumlah Barang Dipesan</td> <td>: <input type="text"
readonly="readonly" name="totjum" size="1" value="${ttlDK[0]}"></td></tr>
        <tr><td>Total Bayar</td> <td>: <input type="text" readonly="readonly"
name="tobay" value="${ttlDK[1]}"></td></tr>
    </c:forEach>
<%kon.close();%>
    <tr><td><input type="submit" value="PROSES" name="aksi3"> <input type="reset"
value="CANCEL"></td></tr>
</table>
</form>
</body>
</html>

```

Coding getbarang.jsp :

```
<%@page import="java.sql.*" %>
<%@page import="control.koneksi"%>
<%@page import="model.barang"%>
<%
    barang barang = new barang();
    koneksi kon = new koneksi(); //--koneksi database--
    ResultSet rs = null;
    String emp_id = request.getParameter("emp_id").toString();
    String data = null;
    Statement st;
    rs = kon.stmt.executeQuery("SELECT * from barang where kd_brg="" + emp_id + """);
    while (rs.next()) {
        data = ":" + rs.getString(3) + ":" + emp_id;
    }
    out.println(data);
%>
```

Coding pemesanan.java :

```
package model;

public class pemesanan {

    private String nopesan,tglpesan,kdsupplier,kdbarang,total,qty,subtotal;

    public pemesanan() {
    }
}
```

```

public pemesanan(String nopesan, String tglpesan, String kdsupplier,
    String kdbarang,String total,
    String qty, String subtotal) {
this.nopesan = nopesan;
this.tglpesan = tglpesan;
this.kdsupplier = kdsupplier;
this.kdbarang = kdbarang;
this.total = total;
this.qty = qty;
this.subtotal = subtotal;
}

public String getNopesan() {
    return nopesan;
}

public void setNopesan(String nopesan) {
    this.nopesan = nopesan;
}

public String getTglpesan() {
    return tglpesan;
}

public void setTglpesan(String tglpesan) {
    this.tglpesan = tglpesan;
}

```

```
public String getTotal() {  
    return total;  
}
```

```
public void setTotal(String total) {  
    this.total = total;  
}
```

```
public String getKdsupplier() {  
    return kdsupplier;  
}
```

```
public void setKdsupplier(String kdsupplier) {  
    this.kdsupplier = kdsupplier;  
}
```

```
public String getKdbarang() {  
    return kdbarang;  
}
```

```
public void setKdbarang(String kdbarang) {  
    this.kdbarang = kdbarang;  
}
```

```
public String getQty() {  
    return qty;  
}
```

```
public void setQty(String qty) {  
    this.qty = qty;  
}
```

```
public String getSubtotal() {  
    return subtotal;  
}
```

```
public void setSubtotal(String subtotal) {  
    this.subtotal = subtotal;  
}
```

```
public String selectAll(){  
    String sql = "select * from pemesanan";  
    return sql;  
}
```

```
public String select(){  
    String sql = "select * from pemesanan where "  
        + "no_pesan='"+nopesan+'";  
    return sql;  
}
```

```
public String toDelete() {  
    return "DELETE FROM sementara "  
        + " WHERE kode='" + kdbarang + "'";  
}
```

```

public String toInsert() {
    return "INSERT INTO sementara VALUES("
        + nopesan + ","
        + kdbarang + ","
        + qty + ","
        + subtotal + ")";
}
}

```

Coding servletPemesanan.java :

```

package control;

import java.io.IOException;
import java.io.PrintWriter;
import static java.lang.System.out;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import model.pemesanan;
import java.sql.*;

public class ServletPemesanan extends pesan {

```

```

protected void processRequest(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
        pemesanan pemesanan = new pemesanan();
        PreparedStatement pstmt = null;
        PreparedStatement pstmt1 = null;
        PreparedStatement pstmt2 = null;
        koneksi kon = new koneksi();
        int result = 0;
        int result1 = 0;
        int result2 = 0;
        String res;
        String aksi = request.getParameter("aksi");
        String nopesan=request.getParameter("no_pesan");
        String tglpesan=request.getParameter("tanggal");
        String kdsupplier=request.getParameter("supplier");
        String kdbarang=request.getParameter("kode");
        String total=request.getParameter("tobay");
        String qty=request.getParameter("jml");
        String subtotal=request.getParameter("sub");
        String aksi1 = request.getParameter("aksi1");
        String aksi2 = request.getParameter("aksi2");
        String aksi3 = request.getParameter("aksi3");

        pemesanan var = new
pemesanan(nopesan,tglpesan,kdsupplier,kdbarang,total,qty,subtotal);
        String URL = "beranda.jsp?halaman=pesan&aksi=SIMPAN";
        if(aksi1 != null){
            out.print(super.proses2(var.toInsert(), URL, "TAMBAH"));

```

```

} else if (aksi2 != null){
    out.print(super.proses2(var.toDelete(), URL, "HAPUS"));
} else if (aksi3 != null){
    pemesanan.setNopesan(request.getParameter("no_pesanan"));
    pemesanan.setTglpesan(request.getParameter("tanggal"));
    pemesanan.setKdsupplier(request.getParameter("supplier"));
    pemesanan.setTotal(request.getParameter("tobay"));
    pstmt=kon.conn.prepareStatement("INSERT detail_pesanan SELECT
"+pemesanan.getNopesan()+",kode,quantity,subtotal FROM sementara");
    result=pstmt.executeUpdate();
    pstmt1 = kon.conn.prepareStatement("INSERT INTO pemesanan values(" +
pemesanan.getNopesan() + ", "
        + pemesanan.getTglpesan() + ", "
        + pemesanan.getTotal() + ", "
        + pemesanan.getKdsupplier() + ")");
    result1 = pstmt1.executeUpdate();
    pstmt2=kon.conn.prepareStatement("TRUNCATE TABLE sementara");
    result2=pstmt2.executeUpdate();
    if (result +result1 + result2 > 0) {
        out.println("<script> "
            + "alert('Data telah disimpan');"
            + "document.location='beranda.jsp?hal=pesanan';"
            + " </script>");
    }
}
} catch (ClassNotFoundException ex) {
    Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
} catch (SQLException ex) {
    Logger.getLogger(BarangServlet.class.getName()).log(Level.SEVERE, null, ex);
}

```

```
    } finally {  
        out.close();  
    }  
}
```

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

```
/**  
 * Handles the HTTP <code>GET</code> method.  
 *  
 * @param request servlet request  
 * @param response servlet response  
 * @throws ServletException if a servlet-specific error occurs  
 * @throws IOException if an I/O error occurs  
 */  
  
@Override  
protected void doGet(HttpServletRequest request, HttpServletResponse response)  
    throws ServletException, IOException {  
    processRequest(request, response);  
}  
  
/**  
 * Handles the HTTP <code>POST</code> method.  
 *  
 * @param request servlet request  
 * @param response servlet response  
 * @throws ServletException if a servlet-specific error occurs  
 * @throws IOException if an I/O error occurs  
 */
```

```
@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>
}
```

F. Transaksi Pembelian

Menu ini adalah untuk memproses transaksi pembelian berdasarkan pemesanan yang sebelumnya sudah dilakukan.

Transaksi Pembelian Barang

Data Pembelian

No Pembelian :

No Faktur :

Tanggal beli :

Nomor Pesan :

Data Barang Untuk Dibeli

Nomor	Kode Barang	Quantity	Subtotal	Aksi
Data masih kosong				

Total Jumlah Barang Dibeli :

Total Bayar :

- Home
- Data Barang
- Data Supplier
- Data Akun
- Data User
- Pemesanan
- Pembelian
- Retur Pembelian
- Jurnal Umum
- Laporan Barang
- Laporan Supplier
- Laporan Pemesanan
- Laporan Pembelian
- Laporan Retur
- Laporan Jurnal

Date and Time
.1 ICT 2020

- Klik Tambah untuk menambahkan data pemesanan baru kedalam data list pembelian yang akan dibeli
- Klik Simpan untuk menyimpan data pembelian
- Klik Cancel untuk membatalkan proses pembelian
- Klik Hapus untuk menghapus data pemesanan yang sudah ditambahkan ke list pembelian

Coding Transaksi Pembelian.jsp :

```
<%@page import="java.sql.ResultSet"%>
<%@page import="control.koneksi"%>
<%@page import="model.pemesanan"%>
<%@page import="java.util.Date"%>
```

```

<%@include file="config/autokode.jsp" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%   java.util.Date waktu = new java.util.Date();
      int tanggal = waktu.getDate();
      int tahun = waktu.getYear() + 1900;
      int bulan = waktu.getMonth() + 1;
      String tgl = tahun + "-" + bulan + "-" + tanggal;
      pemesanan pemesanan = new pemesanan();
      ResultSet qrypesan = null;
      String no = null;
      String sql = "SELECT MAX(RIGHT(no_beli,6)) FROM pembelian";
      koneksi kon = new koneksi();
      ResultSet rs = kon.stmt.executeQuery(sql);
      if (!rs.next()) {
          no = "PB000001";
      } else {
          int urutanBaru = rs.getInt(1) + 1;
          String kode = String.valueOf(urutanBaru);
          int panjangKode = kode.length();
          for (int i = panjangKode; i < 6; i++) {
              kode = "0" + kode;
          }
          no = "PB" + kode;
      }
      String nof = "FK" + no.substring(2);
%>
<html>
  <head>

```

```

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Transaksi Pembelian</title>
</head>
<body>
<h1>Transaksi Pembelian Barang</h1></br>
<table border="0">
  <form action="ServletPembelian" method="post">
    <h2>Data Pembelian</h2>
    <tr>
      <td>No Pembelian</td>
      <td>: <input type="text" name="no" value="<%=no%>" readonly/> </td>
    </tr>
    <tr>
      <td>No Faktur</td>
      <td>: <input type="text" name="nof" value="<%=nof%>" readonly/> </td>
    </tr>
    <tr>
      <td>Tanggal beli</td>
      <td>: <input type="text" name="tgl" value = "<%= tgl%> >" </td>
    </tr>
    <tr>
      <td>Nomor Pesan</td>
      <td>: <select name="nopes">
        <option value="-1">Pilih Nomor Pesan</option>
        <%
          grypesan = kon.stmt.executeQuery("SELECT no_pesanan
where not exists"
          + "(select * from pembelian where
pemesanan.no_pesanan=pembelian.no_pesanan)");

```

```

        while (qrypesan.next()) {
            pemesanan.setNopesan(qrypesan.getString("no_pesanan"));
        }

        <option
value="<%=pemesanan.getNopesan()%">"><%=pemesanan.getNopesan()%"></option>
        <%= }%">
    </select>
</td>
</tr>
<input type="hidden" name="nopesan" id="pesan" value="{param.cari}">
<tr>
    <td><input type="submit" name="aksi" value="Tambah"/></br>
</tr>
</table>
<%=
    sql = "select * from sementara";
    rs = kon.stmt.executeQuery(sql);
%>
<br/><br/>
<h3>Data Barang Untuk Dibeli</h3>
<table border="2">
    <tr>
        <th>Nomor</th>
        <th>Kode Barang</th>
        <th>Quantity</th>
        <th>Subtotal</th>
        <th>Aksi</th>
    </tr>
    <%= if (!rs.next()) { %>

```

```

<tr>
  <td colspan="5">Data masih kosong</td>
</tr>
<% } %>
<% rs.beforeFirst(); %>
<% while (rs.next()) {%>
<tr>
  <td><%= rs.getString(1)%></td>
  <td><%= rs.getString(2)%></td>
  <td><%= rs.getString(3)%></td>
  <td><%= rs.getString(4)%></td>
  <td>
    <a href="ServletPembelian?aksi=Delete&kodebarang=<%= rs.getString(2)%>">
      HAPUS
    </a>
  </td>
</tr>
<% } %>
</table>
<table>
  <sql:query var="ttl" dataSource="{dataSource}">
    SELECT SUM(quantity) AS ttl_D,
    SUM(subtotal) AS ttl_K FROM sementara
  </sql:query>
  <c:forEach var='ttlDK' items='${ttl.rowsByIndex}'><br>
    <table border="0">
      <tr>
        <td>Total Jumlah Barang Dibeli</td>

```

```

        <td>: <input type="text" readonly="readonly" name="total" size="1"
value="\${ttIDK[0]}"></td>
    </tr>
    <tr>
        <td>Total Bayar</td>
        <td>: <input type="text" readonly="readonly" name="tobay"
value="\${ttIDK[1]}"></td>
    </tr>
</c:forEach>
    <tr><td><input type="submit" value="Simpan" name="aksi"> <input type="reset"
value="cancel"></td></tr>
</table>
</body>
</html>

```

Coding pembelian.java :

```

package model;

public class pembelian {

    private String nobeli,tglbeli,nofaktur,nopesan,kdbarang;
    private Integer totbeli,quantity;
    private Double sub;

    public String getNobeli() {
        return nobeli;
    }

    public void setNobeli(String nobeli) {

```

```
    this.nobeli = nobeli;
}

public String getTglbeli() {
    return tglbeli;
}

public void setTglbeli(String tglbeli) {
    this.tglbeli = tglbeli;
}

public String getNofaktur() {
    return nofaktur;
}

public void setNofaktur(String nofaktur) {
    this.nofaktur = nofaktur;
}

public Integer getTotbeli() {
    return totbeli;
}

public void setTotbeli(Integer totbeli) {
    this.totbeli = totbeli;
}

public String getNopesan() {
```

```
        return nopesan;
    }

    public void setNopesan(String nopesan) {
        this.nopesan = nopesan;
    }

    public String getKdbarang() {
        return kdbarang;
    }

    public void setKdbarang(String kdbarang) {
        this.kdbarang = kdbarang;
    }

    public Integer getQuantity() {
        return quantity;
    }

    public void setQuantity(Integer quantity) {
        this.quantity = quantity;
    }

    public Double getSub() {
        return sub;
    }

    public void setSub(Double sub) {
```

```
        this.sub = sub;
    }
}
```

Coding servletPembelian.java :

```
package control;
```

```
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import model.pembelian;
import java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;
```

```
public class ServletPembelian extends HttpServlet {
```

```
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            String no = request.getParameter("no");
            String nof = request.getParameter("nof");
            String tgl = request.getParameter("tgl");
            String nopos = request.getParameter("nopos");
```

```

String kodebarang = request.getParameter("kodebarang");
String total = request.getParameter("total");
String aksi = request.getParameter("aksi");
String sql = "";
String sql2 = "";
switch(aksi){
    case "Delete":
        sql = "DELETE FROM sementara WHERE kode="
            + kodebarang + """;
        break;
    case "Simpan":
        sql = "INSERT INTO pembelian VALUES("
            + no + ","
            + tgl + ","
            + nof + ","
            + total + ","
            + nopes + ")";
        break;
    case "Cancel":
        sql = "TRUNCATE TABLE sementara";
        break;
}
boolean error = false;
koneksi kon = new koneksi();
koneksi kon2 = new koneksi();
if(aksi.equals("Tambah")) {
    sql2="SELECT * FROM detail_pesanan where "
        + "no_pesanan=" + nopes + """;
}

```

```

ResultSet rs = kon.ambilData(sql2);
while(rs.next()){
    sql2 = "INSERT INTO sementara VALUES("
        + rs.getString(1) + ","
        + rs.getString(2) + ","
        + rs.getString(3) + ","
        + rs.getString(4) + ")";
    try {
        kon2.stmt.executeUpdate(sql2);
    } catch (Exception ex) {
        eror= true;
    }
}
} else
if(!aksi.equals("Simpan")) {
    try {
        kon.stmt.executeUpdate(sql);
    } catch (Exception ex) {
        eror= true;
    }
} else {
    sql2="SELECT * FROM sementara";
    ResultSet rs = kon.ambilData(sql2);
    while(rs.next()){
        //tambahin ini
        sql = "INSERT INTO pembelian VALUES("
            + no + ","
            + tgl + ","

```

```

        + nof + ","
        + total + ","
        + rs.getString(1) + "));
String sql1;
sql1= "UPDATE barang SET stok = stok +"
      + rs.getString(3)
      + " WHERE kd_brg="
      + rs.getString(2) + """;
//sampai sini
sql2 = "INSERT INTO detail_pembelian VALUES("
      + no + ","
      + rs.getString(2) + ","
      + rs.getString(3) + ","
      + rs.getString(4) + "));
try {
    kon2.stmt.executeUpdate(sql1);
    kon2.stmt.executeUpdate(sql2);
} catch (Exception ex) {
    eror= true;
}
}
sql2 = "TRUNCATE TABLE sementara";
if(!eror){
    try {
        kon.stmt.executeUpdate(sql);
        kon2.stmt.executeUpdate(sql2);
    } catch (Exception ex) {
        eror= true;
    }
}

```

```

        }
    }
}
if(!error)
    out.print("<script>"
        + "alert('Data Berhasil di " + aksi + "');"
        + "window.location='beranda.jsp?halaman=beli';"
        + "</script>");
else
    out.print(sql+" "+sql2+"<script>"
        + "alert('Data Gagal di " + aksi + "');"

        + "</script>");
} catch (SQLException ex) {
    Logger.getLogger(ServletPembelian.class.getName()).log(Level.SEVERE, null, ex);
}
}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the
left to edit the code.">
/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)

```

```

        throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Handles the HTTP <code>POST</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>
}

```

G. Transaksi Retur

Menu ini adalah untuk memproses transaksi retur pembelian setelah transaksi pembelian.

Transaksi Retur

Data Retur

No Retur :

Tanggal Pesan :

Supplier :

Barang :

Harga Barang :

Jumlah Pesan :

Subtotal :

Data Barang untuk Diretur

No Transaksi	Kode Barang	Quantity	Subtotal	AKSI
--------------	-------------	----------	----------	------

Total Jumlah Barang Diretur :

Total Retur :

- Klik Tambah untuk menambahkan data barang baru kedalam data list retur pembelian yang akan dikembalikan
- Klik Simpan untuk menyimpan data retur pembelian
- Klik Cancel untuk membatalkan proses retur pembelian
- Klik Hapus untuk menghapus data pemesanan yang sudah ditambahkan ke list retur pembelian

Coding Retur Pembelian

```
<%@page import="java.sql.ResultSet"%>
<%@page import="control.koneksi"%>
<%@page import="model.barang"%>
<%@page import="model.retur"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<% java.util.Date waktu = new java.util.Date();
    int tanggal = waktu.getDate();
    int tahun = waktu.getYear() + 1900;
    int bulan = waktu.getMonth() + 1;
    String tgl = tahun + "-" + bulan + "-" + tanggal;
%>
<%
    retur retur = new retur();
    barang barang = new barang();
    koneksi kon = new koneksi();
    ResultSet rs = null;
    ResultSet qrybarang = null;
    ResultSet qryretur = null;
%>
<script type="text/javascript">
    function showEmp(emp_value)
    {
        if (document.getElementById("emp_id").value != "-1")
        {
            xmlhttp = GetXmlHttpRequest()
            if (xmlhttp == null)
            {
                alert("Browser does not support HTTP Request")
                return
            }
            var url = "getbarang.jsp"
            url = url + "?emp_id=" + emp_value

            xmlhttp.onreadystatechange = stateChanged
            xmlhttp.open("GET", url, true)
            xmlhttp.send(null)
        } else
        {
            alert("Pilih Kode Barang");
        }
    }
}
```

```

function stateChanged()
{
    document.getElementById("ename").value = "";
    document.getElementById("emp_id").value = "";
    if (xmlHttp.readyState == 4 || xmlHttp.readyState == "complete")
    {

        var showdata = xmlHttp.responseText;
        var strar = showdata.split(":");

        if (strar.length == 1)
        {
            document.getElementById("emp_id").focus();
            alert("Pilih Kode Barang");
            document.getElementById("ename").value = " ";
            document.getElementById("emp_id").value = " ";
        } else if (strar.length > 1)
        {
            document.getElementById("ename").value = strar[1];
        }
    }
}
function GetXmlHttpRequestObject()
{
    var xmlHttp = null;
    try
    {
        xmlHttp = new XMLHttpRequest();
    } catch (e)
    {
        try
        {
            xmlHttp = new ActiveXObject("Msxml2.XMLHTTP");
        } catch (e)
        {
            xmlHttp = new ActiveXObject("Microsoft.XMLHTTP");
        }
    }
    return xmlHttp;
}
</script>
<html>
<head>

```

```

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Transaksi Retur</title>
</head>
<body>
    <sql:query var="ttl" dataSource="${dataSource}">
    SELECT SUM(quantity) AS ttl_D,
    SUM(subtotal) AS ttl_K FROM sementara
    </sql:query>
    <h1>Transaksi Retur</h1>
    <form action="ServletRetur" method="post">
        <pre>
No Retur    <%
            try {
                Class.forName("com.mysql.jdbc.Driver");
                ResultSet noretur = null;
                noretur = kon.stmt.executeQuery("select max(right(no_retur,6)) as no
FROM retur_beli");
                while (noretur.next()) {
                    if (noretur.first() == false) {
                        out.println("<input type='text' class='form-control' id='inputretur'
readonly value='RT000001' name='no_retur'>");
                    } else {
                        noretur.last();
                        int autoretur = noretur.getInt(1) + 1;
                        String nomorretur = String.valueOf(autoretur);
                        int noLong = nomorretur.length();

                        for (int a = 1; a < 7 - noLong; a++) {
                            nomorretur = "0" + nomorretur;
                        }
                        String nomerretur = "RT" + nomorretur;
                        out.println("<input type='text' class='form-control' id='inputretur'
readonly value='" + nomerretur + "' name='no_retur'>");
                    }
                }
            } catch (Exception e) {
                out.println(e);
            }
        <%>
Tanggal Retur <input type="text" name="tanggal" value =<%= tgl%> ></br>
Barang    <select name="semp_id" onchange="showEmp(this.value);">
            <option value="-1">Select</option>
        <%

```



```

        while (rs.next()) {
            out.println("<tr class=isi>"
                + "<td>" + rs.getString(1) + "</td>"
                + "<td>" + rs.getString(2) + "</td>"
                + "<td>" + rs.getString(3) + "</td>"
                + "<td>" + rs.getString(4) + "</td>"
                + "<td><a href=ServletRetur?aksi=Delete&kode=" + rs.getString(2)
+ ">Hapus</a></td>"
                + "</tr>");
        }
    %>
</table>
<c:forEach var='ttlDK' items='${ttl.rowsByIndex}'>
    Total Jumlah Barang Diretur <input type="text" readonly="readonly" name="totjum"
    size="1" value='${ttlDK[0]}'>
    Total Biaya Retur      <input type="text" readonly="readonly" name="tobay"
    value='${ttlDK[1]}'><br>
    </c:forEach>
    <%kon.close();%>

    <%kon.close();%>

    <input type="submit" value="Simpan" name="aksi"> <input type="reset"
    value="cancel">
    </pre>
</form>
</body>
</html>

```

H. Transaksi Jurnal Umum

Menu ini adalah untuk memproses transaksi jurnal umum

.. [Form Jurnal Umum] ..

No Referensi : JU00000001

Tanggal Transaksi : hh/bb/yyyy

No Bukti Transaksi :

Keterangan :

	Kode dan Nama Akun	Debet	Kredit
<input type="checkbox"/>	Kode Akun Nama Akun ▼	0	0
<input type="checkbox"/>	Kode Akun Nama Akun ▼	0	0
<input type="checkbox"/>	Kode Akun Nama Akun ▼	0	0
<input type="checkbox"/>	Kode Akun Nama Akun ▼	0	0
Total			
Balance			

Simpan

- Klik Simpan untuk menyimpan proses transaksi jurnal umum

Coding Transaksi Jurnal Umum.jsp

```
<%@ page import = "java.sql.*"%>
```

```
<%@include file = "config/Pengkodean3.jsp"%>
```

```
<sql:query var="queryakun" >
```

```
SELECT kode_akun, nama_akun from master_akun
```

```
</sql:query>
```

```
<h2> .. [Form Jurnal Umum] .. </h2>
```

```
<form action="aksiJurnal" method="POST" name="jurnal">
```

```
<table border="0">
```

```
<input type="hidden" name="aksi" value="{param.aksi}" />
```

```
<tr>
```

```
<td>No Referensi</td>
```

```

<td>:</td>
<td><input type="text" name="no_referensi" value="{param.no_referensi}"
id="no_referensi" readonly="readonly" />
<input type="button" value="Tambah" onclick="kodeJurnal()" class="button"></td>
</tr>

<tr>
<td>Tanggal Transaksi</td>
<td>:</td>
<td><input type="date" name="tgl_trans" value="{param.tgl_trans}" /></td>
</tr>

<tr>
<td>Bukti Transaksi</td>
<td>:</td>
<td><input type="text" name="no_bukti_trans" value="{param.no_bukti_trans}" /></td>
</tr>

<tr>
<td>Keterangan</td>
<td>:</td>
<td><input type="text" name="ket" value="{param.ket}" width="200" size="30" /></td>
</tr>

<td colspan="3"> <!--colspan= supaya tablenya nyatu -->
<table width="100%" border="0" cellpadding="0" cellspacing="0">
<tr class="head">
<td> </td><td>Kode dan Nama Akun</td><td>Debet</td><td>Kredit</td>
</tr>

```

```

<tr class="isi">
  <td align="center"><input type="checkbox" name="pilih[]"
value="{param.pilih}"></td>
  <td><select name="no_akunkredit" id="akunkredit">
    <option>Kode Akun | Nama Akun</option>
    <c:forEach var="rowakun" items="{queryakun.rowsByIndex}">
      <option value="{rowakun[0]}"> {rowakun[0]} {rowakun[1]}</option>
    </c:forEach>
  </select>
</td>
  <td><input name="debet" id="debet1" type="text" onchange="Hitung()"
value="0"></td>
  <td><input name="kredit" id="kredit1" type="text" onchange="Hitung()"
value="0"></td>
</tr>

```

```

<tr class="isi">
  <td align="center"><input type="checkbox" name="pilih[]"
value="{param.pilih}"></td>
  <td><select name="no_akunkredit" id="akunkredit">
    <option>Kode Akun | Nama Akun</option>
    <c:forEach var="rowakun" items="{queryakun.rowsByIndex}">
      <option value="{rowakun[0]}"> {rowakun[0]} {rowakun[1]}</option>
    </c:forEach>
  </select>
</td>
  <td><input name="debet" id="debet2" type="text" onchange="Hitung()"
value="0"></td>
  <td><input name="kredit" id="kredit2" type="text" onchange="Hitung()"
value="0"></td>

```

```

</tr>

<tr class="isi">
  <td align="center"><input type="checkbox" name="pilih[]"
value="{param.pilih}"></td>
  <td><select name="no_akunkredit" id="akunkredit">
    <option>Kode Akun | Nama Akun</option>
    <c:forEach var="rowakun" items="{queryakun.rowsByIndex}">
      <option value="{rowakun[0]}"> {rowsakun[0]} {rowakun[1]}</option>
    </c:forEach>
  </select>
</td>
  <td><input name="debit" id="debit3" type="text" onchange="Hitung()"
value="0"></td>
  <td><input name="kredit" id="kredit3" type="text" onchange="Hitung()"
value="0"></td>
</tr>

<tr class="isi">
  <td align="center"><input type="checkbox" name="pilih[]"
value="{param.pilih}"></td>
  <td><select name="no_akunkredit" id="akunkredit">
    <option>Kode Akun | Nama Akun</option>
    <c:forEach var="rowakun" items="{queryakun.rowsByIndex}">
      <option value="{rowakun[0]}"> {rowakun[0]} {rowakun[1]}</option>
    </c:forEach>
  </select>
</td>
  <td><input name="debit" id="debit4" type="text" onchange="Hitung()"
value="0"></td>

```

```

        <td><input name="kredit" id="kredit4" type="text" onchange="Hitung()"
value="0"></td>
    </tr>

    <tr class="head">
        <td colspan="2" align="center">Total</td>
        <td><input type="text" id="TtlDebet" onchange="Hitung()" readOnly="readonly"></td>
        <td><input type="text" id="TtlKredit" onchange="Hitung()"
ReadOnly="readonly"></td>
    </tr>

    <tr class="head">
        <td colspan="2" align="center">Balance</td>
        <td>&nbsp;</td>
        <td><input type="text" name="balance" id="Balance" readOnly="readonly"></td>
    </tr>

    <tr class="isi">
        <td colspan="4" align="center">
            <input type="submit" value="Simpan" class="button"/>
        </td>
    </tr>
</table>
</td>
</tr>
</table>
</form>

```

I. Cetak Laporan Barang

Menu ini adalah untuk mencetak laporan data barang

Cetak Laporan Barang Berdasarkan Stok Tersedia

Stok <=

Laporan Data Barang

Kode Barang	Nama Barang	Harga Barang	Stok
B0004	Lemari	3000000	10
Total Barang	1		

- Klik cetak laporan untuk mencetak laporan barang

Coding cetak laporan barang

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Cetak Laporan</title>
</head>
<body>
<h3>Cetak Laporan Barang Berdasarkan Stok Tersedia</h3>
<form action="TampilLapBarang.jsp" method="get">
```

```

Stok <= <input type="number" name="jumlah" value="0">
<input type="submit" name="submit" value="Cetak Laporan"/>
</form>
</body>
</html>

```

```

<%@page import="control.koneksi"%>
<%@page import="java.io.*, java.util.*, java.sql.*"%>
<%@page import="net.sf.jasperreports.engine.*"%>
<%@page import="net.sf.jasperreports.view.JasperViewer.*" %>
<%@page import="javax.servlet.ServletResponse" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Laporan Barang</title>
  </head>
  <body>
    <%
      koneksi kon = new koneksi();
      int jumlah = Integer.parseInt(request.getParameter("jumlah"));
      File reportFile = new File(application.getRealPath("laporan/Laporan_Barang.jasper"));
      Map param = new HashMap();
      param.put("pstok", jumlah);
      byte[] bytes = JasperRunManager.runReportToPdf(reportFile.getPath(), param,
      kon.stmt.getConnection());

      response.setContentType("application/pdf");
    %>

```

```

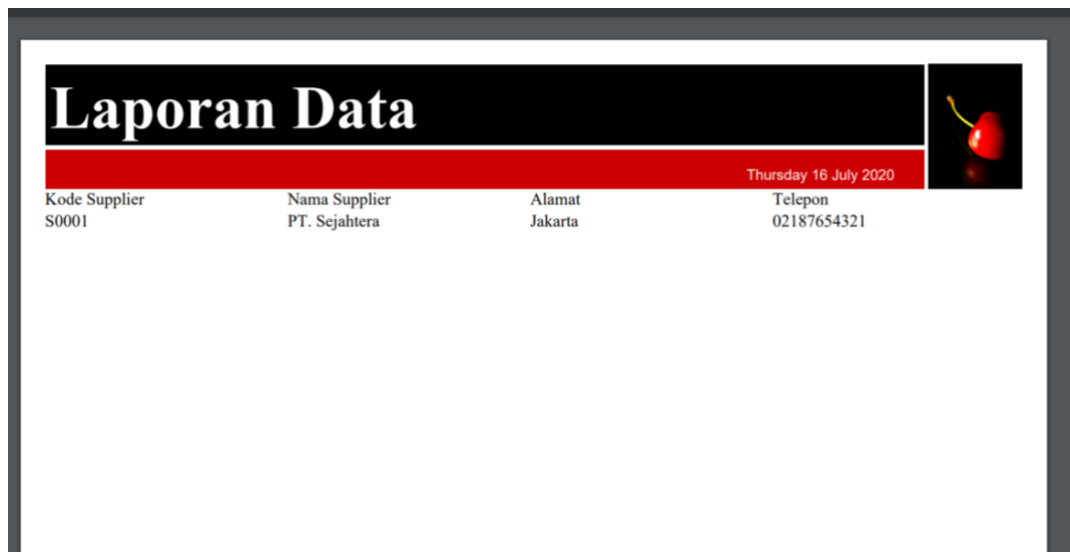
response.setContentLength(bytes.length);

ServletOutputStream outputStream = response.getOutputStream();
outputStream.write(bytes, 0, bytes.length);
outputStream.flush();
outputStream.close();
%>
</body>
</html>

```

J. Cetak Laporan Supplier

Menu ini adalah untuk mencetak laporan data Supplier



Laporan Data			
			Thursday 16 July 2020
Kode Supplier	Nama Supplier	Alamat	Telepon
S0001	PT. Sejahtera	Jakarta	02187654321

Coding Cetak Laporan Supplier

```

<%@page import="control.koneksi"%>
<%@page import="java.io.*, java.util.*, java.sql.*"%>
<%@page import="net.sf.jasperreports.engine.*"%>
<%@page import="net.sf.jasperreports.view.JasperViewer.*" %>
<%@page import="javax.servlet.ServletResponse" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>

```

```
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Laporan Barang</title>
  </head>
  <body>
    <%
      koneksi kon = new koneksi();
      File reportFile = new
File(application.getRealPath("laporan/LaporanSupplier.jasper"));
      Map param = new HashMap();
      byte[] bytes = JasperRunManager.runReportToPdf(reportFile.getPath(), param,
kon.stmt.getConnection());

      response.setContentType("application/pdf");
      response.setContentLength(bytes.length);

      ServletOutputStream outputStream = response.getOutputStream();
      outputStream.write(bytes, 0, bytes.length);
      outputStream.flush();
      outputStream.close();
    %>
  </body>
</html>
```

K. Tampilan Laporan Pemesanan

Klik Laporan Pemesanan untuk menampilkan hasil laporan pemesanan barang

Tampilkan Laporan Pemesanan Berdasarkan Bulan dan Tahun

Masukkan Bulan : Januari ▾

Masukkan Tahun : 2019 ▾

TAMPIL

Laporan Pemesanan Barang					
Bulan	May	Tahun	2020		
PT. ABCDE					
No Pemesanan	PS000001	Tanggal	05 May 2020	Kode Supplier	SU0001
Kode Barang	Nama Barang	QTY	Harga	Subtotal	
B0001	TAS	2	Rp 120,000	Rp 240,000	
Total Item		2			
Grand Total				Rp 240,000	

Admin

Supplier

Manager

() () ()

Coding Laporan Pemesanan

```
<%--
```

```
Document : CetakLaporanPemesanan
```

```
Created on : May 23, 2020, 3:50:40 PM
```

```
Author : KHAIRUL ANWAR H
```

```
--%>
```

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```

<head>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  <title>JSP Page</title>
</head>
<body>
  <h3>Tampilkan Laporan Pemesanan Berdasarkan Bulan dan Tahun</h3>
  <form action="TampilLapPemesanan.jsp">
    Masukkan Bulan :
    <select name="bulan" id="bulan">
      <option value="1">Januari</option>
      <option value="2">Februari</option>
      <option value="3">Maret</option>
      <option value="4">April</option>
      <option value="5">Mei</option>
      <option value="6">Juni</option>
      <option value="7">Juli</option>
      <option value="8">Agustus</option>
      <option value="9">September</option>
      <option value="10">Oktober</option>
      <option value="11">November</option>
      <option value="12">Desember</option>
    </select><br><br>
    Masukkan Tahun :
    <select name="tahun" id="tahun">
      <option value="2019">2019</option>
      <option value="2020">2020</option>
      <option value="2021">2021</option>
      <option value="2022">2022</option>
      <option value="2023">2023</option>
      <option value="2024">2024</option>
      <option value="2025">2025</option>
      <option value="2026">2026</option>
      <option value="2027">2027</option>
      <option value="2028">2028</option>
      <option value="2029">2029</option>
    </select><br><br>
    <input type="submit" value="TAMPIL">
  </form>
</body>
</html>

```

```

<%@page import="control.koneksi"%>
<%@page import="java.io.*,java.util.*,java.sql.*"%>

```

```

<%@page import="net.sf.jasperreports.engine.*"%>
<%@page import="net.sf.jasperreports.view.JasperViewer.*"%>
<%@page import="javax.servlet.ServletResponse" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Laporan Pemesanan</title>
  </head>
  <body>
    <%
      koneksi kon= new koneksi();
      int bulan = Integer.parseInt(request.getParameter("bulan"));
      int tahun = Integer.parseInt(request.getParameter("tahun"));

      File reportFile = new
File(application.getRealPath("laporan/Laporan_Pemesanan.jasper"));
      Map parameter = new HashMap ();
      parameter.put("bln",bulan);
      parameter.put("thn",tahun);
      byte[] bytes = JasperRunManager.runReportToPdf(reportFile.getPath(), parameter,
kon.stmt.getConnection());
      response.setContentType("application/pdf");
      response.setContentLength(bytes.length);

      ServletOutputStream outputStream = response.getOutputStream();
      outputStream.write(bytes,0,bytes.length);
      outputStream.flush();
      outputStream.close();

    %>
  </body>
</html>

```

L. Tampilan Laporan Pembelian

Klik Laporan Pembelian untuk menampilkan hasil laporan pembelian barang

Tampilkan Laporan Pembelian Berdasarkan Bulan dan Tahun

Masukkan Bulan :

Masukkan Tahun :

Laporan Pembelian

Bulan March Tahun 2020

Nomor Pembelian		PB000001	
Tanggal		19 March 2020	
No Faktur		FK000001	
No Pesan		PS000001	
Kode Barang	Nama Barang	Qty	Subtotal
B0002	Bangku	2	600000
Total Item		2	
Grand Total			600000

Coding Program Laporan Absen

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <h3>Tampilkan Laporan Pembelian Berdasarkan Bulan dan Tahun</h3>
    <form action="TampilLapPembelian.jsp">
      Masukkan Bulan :
      <select name="bulan" id="bulan">
        <option value="1">Januari</option>
        <option value="2">Februari</option>
        <option value="3">Maret</option>
        <option value="4">April</option>
        <option value="5">Mei</option>
        <option value="6">Juni</option>
        <option value="7">Juli</option>
        <option value="8">Agustus</option>
        <option value="9">September</option>
      </select>
    </form>
  </body>
</html>
```

```

        <option value="10">Oktober</option>
        <option value="11">November</option>
        <option value="12">Desember</option>
    </select><br>
    Masukkan Tahun :
    <select name="tahun" id="tahun">
        <option value="2019">2019</option>
        <option value="2020">2020</option>
        <option value="2021">2021</option>
        <option value="2022">2022</option>
        <option value="2023">2023</option>
        <option value="2024">2024</option>
        <option value="2025">2025</option>
        <option value="2026">2026</option>
        <option value="2027">2027</option>
        <option value="2028">2028</option>
        <option value="2029">2029</option>
    </select>
    <br>
    <input type="submit" value="TAMPIL">
</form>
</body>
</html>

<%@page import="control.koneksi"%>
<%@page import="java.io.*, java.util.*, java.sql.*"%>
<%@page import="net.sf.jasperreports.engine.*"%>
<%@page import="net.sf.jasperreports.view.JasperViewer.*" %>
<%@page import="javax.servlet.ServletResponse" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Laporan Pembelian</title>
    </head>
    <body>
        <%
            koneksi kon = new koneksi();
            int bulan = Integer.parseInt(request.getParameter("bulan"));
            int tahun = Integer.parseInt(request.getParameter("tahun"));
        %>

```

```
File reportFile = new
File(application.getRealPath("laporan/Laporan_Pembelian.jasper"));
Map parameter = new HashMap();
parameter.put("bln", bulan);
parameter.put("thn", tahun);

byte[] bytes = JasperRunManager.runReportToPdf(reportFile.getPath(), parameter,
kon.stmt.getConnection());

response.setContentType("application/pdf");
response.setContentLength(bytes.length);

ServletOutputStream outputStream = response.getOutputStream();
outputStream.write(bytes, 0, bytes.length);
outputStream.flush();
outputStream.close();
%>
</body>
</html>
```

M. Tampilan Laporan Retur Pembelian

Klik Laporan Pembelian untuk menampilkan hasil laporan pembelian barang

Laporan Retur Barang

Bulan	June	Tahun	2020	
PT. ABCDE				
No Retur	RT000001	Nama Supplier	PT Khairul	
Tgl Retur	01 June 2020			
Kode Barang	Nama Barang	Qty Retur	Harga	Subtotal
B0001	TAS	1	Rp 120,000	Rp 120,000
Total Item		1		
Total Harga			Rp 120,000	
Grand Total				Rp 120,000

Coding Laporan Retur Barang

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <h3>Tampilkan Laporan Retur Berdasarkan Bulan dan Tahun</h3>
    <form action="TampilLapRetur.jsp">
      Masukkan Bulan :
      <select name="bulan" id="bulan">
        <option value="1">Januari</option>
        <option value="2">Februari</option>
        <option value="3">Maret</option>
        <option value="4">April</option>
        <option value="5">Mei</option>
        <option value="6">Juni</option>
        <option value="7">Juli</option>
        <option value="8">Agustus</option>
      </select>
    </form>
  </body>
</html>
```

```

<option value="9">September</option>
<option value="10">Oktober</option>
<option value="11">November</option>
<option value="12">Desember</option>
</select><br><br>
Masukkan Tahun :
<select name="tahun" id="tahun">
<option value="2019">2019</option>
<option value="2020">2020</option>
<option value="2021">2021</option>
<option value="2022">2022</option>
<option value="2023">2023</option>
<option value="2024">2024</option>
<option value="2025">2025</option>
<option value="2026">2026</option>
<option value="2027">2027</option>
<option value="2028">2028</option>
<option value="2029">2029</option>

</select><br><br>
<input type="submit" value="TAMPIL">
</form>
</body>
</html>

<%@page import="control.koneksi"%>
<%@page import="java.io.*,java.util.*,java.sql.*"%>
<%@page import="net.sf.jasperreports.engine.*"%>
<%@page import="net.sf.jasperreports.view.JasperViewer.*"%>
<%@page import="javax.servlet.ServletResponse" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Laporan Pemesanan</title>
</head>
<body>
<%
koneksi kon= new koneksi();
int bulan = Integer.parseInt(request.getParameter("bulan"));
int tahun = Integer.parseInt(request.getParameter("tahun"));

File reportFile = new File(application.getRealPath("laporan/Laporan_Retur.jasper"));

```

```

Map parameter = new HashMap ();
parameter.put("bln",bulan);
parameter.put("thn",tahun);
byte[] bytes = JasperRunManager.runReportToPdf(reportFile.getPath(), parameter,
kon.stmt.getConnection());
response.setContentType("application/pdf");
response.setContentLength(bytes.length);

ServletOutputStream outputStream = response.getOutputStream();
outputStream.write(bytes,0,bytes.length);
outputStream.flush();
outputStream.close();

%>
</body>
</html>

```

N. Tampilan Laporan Jurnal

Klik Laporan Pembelian untuk menampilkan hasil laporan pembelian barang

Laporan Jurnal Umum

Bulan	June	Tahun	2020		
PT. ABCDE					
No Jurnal	JU000002	Tanggal Jurnal	01 June 2020		
No Transaksi	Nomor Akun	Nama Akun	Keterangan	DEBET	KREDIT
PB000002	1114	PIUTANG	Biaya Perlengkapan	Rp 50,000	Rp 0
PB000002	1111	KAS	Biaya Perlengkapan	Rp 0	Rp 50,000
Total Debet				Rp 50,000	
Total Kredit					Rp 50,000
PT. ABCDE					
No Jurnal	JU000003	Tanggal Jurnal	01 June 2020		
No Transaksi	Nomor Akun	Nama Akun	Keterangan	DEBET	KREDIT
PB000003	1111	KAS	Biaya Gaji Karyawan	Rp 240,000	Rp 0

Coding Laporan Jurnal

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <h3>Tampilkan Laporan Jurnal Berdasarkan Bulan dan Tahun</h3>
    <form action="TampilLapJurnal.jsp">
      Masukkan Bulan :
      <select name="bulan" id="bulan">
        <option value="1">Januari</option>
        <option value="2">Februari</option>
        <option value="3">Maret</option>
        <option value="4">April</option>
        <option value="5">Mei</option>
        <option value="6">Juni</option>
        <option value="7">Juli</option>
        <option value="8">Agustus</option>
        <option value="9">September</option>
        <option value="10">Oktober</option>
        <option value="11">November</option>
        <option value="12">Desember</option>
      </select><br><br>
      Masukkan Tahun :
      <select name="tahun" id="tahun">
        <option value="2019">2019</option>
        <option value="2020">2020</option>
        <option value="2021">2021</option>
        <option value="2022">2022</option>
        <option value="2023">2023</option>
        <option value="2024">2024</option>
        <option value="2025">2025</option>
        <option value="2026">2026</option>
        <option value="2027">2027</option>
        <option value="2028">2028</option>
        <option value="2029">2029</option>
      </select><br><br>
      <input type="submit" value="TAMPIL">
    </form>
```

```
</body>
</html>
```

```
<%@page import="control.koneksi"%>
<%@page import="java.io.*,java.util.*,java.sql.*"%>
<%@page import="net.sf.jasperreports.engine.*"%>
<%@page import="net.sf.jasperreports.view.JasperViewer.*"%>
<%@page import="javax.servlet.ServletResponse" %>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Laporan Pembelian</title>
  </head>
  <body>
    <%
      koneksi kon= new koneksi();
      int bulan = Integer.parseInt(request.getParameter("bulan"));
      int tahun = Integer.parseInt(request.getParameter("tahun"));

      File reportFile = new File(application.getRealPath("laporan/Laporan_Jurnall.jasper"));
      Map parameter = new HashMap ();
      parameter.put("bln",bulan);
      parameter.put("thn",tahun);
      byte[] bytes = JasperRunManager.runReportToPdf(reportFile.getPath(), parameter,
kon.stmt.getConnection());
      response.setContentType("application/pdf");
      response.setContentLength(bytes.length);

      ServletOutputStream outputStream = response.getOutputStream();
      outputStream.write(bytes,0,bytes.length);
      outputStream.flush();
      outputStream.close();

    %>
  </body>
</html>
```



REPUBLIK INDONESIA
KEMENTERIAN HUKUM DAN HAK ASASI MANUSIA

SURAT PENCATATAN CIPTAAN

Dalam rangka perlindungan ciptaan di bidang ilmu pengetahuan, seni dan sastra berdasarkan Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta, dengan ini menerangkan:

Nomor dan tanggal permohonan : EC00202027155, 11 Agustus 2020

Pencipta

Nama : **Rifky Permana, Adi Supriyatna dkk**
Alamat : Jalan Kayumanis 3 Gang Jati 3 RT 004 RW 03 No 13, Jakarta, Dki Jakarta, 13130
Kewarganegaraan : Indonesia

Pemegang Hak Cipta

Nama : **Rifky Permana, Adi Supriyatna, , dkk**
Alamat : Jalan Kayumanis 3 Gang Jati 3 RT 004 RW 03 No 13, Jakarta, 7, 13130
Kewarganegaraan : Indonesia
Jenis Ciptaan : **Program Komputer**
Judul Ciptaan : **Sistem Informasi Pembelian Berbasis Web**
Tanggal dan tempat diumumkan untuk pertama kali di wilayah Indonesia atau di luar wilayah Indonesia : 11 Agustus 2020, di Jakarta
Jangka waktu perlindungan : Berlaku selama 50 (lima puluh) tahun sejak Ciptaan tersebut pertama kali dilakukan Pengumuman.
Nomor pencatatan : 000198350

adalah benar berdasarkan keterangan yang diberikan oleh Pemohon.

Surat Pencatatan Hak Cipta atau produk Hak terkait ini sesuai dengan Pasal 72 Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta.



a.n. MENTERI HUKUM DAN HAK ASASI MANUSIA
DIREKTUR JENDERAL KEKAYAAN INTELEKTUAL

Dr. Freddy Harris, S.H., LL.M., ACCS.
NIP. 196611181994031001

LAMPIRAN PENCIPTA

No	Nama	Alamat
1	Rifky Permana	Jalan Kayumanis 3 Gang Jati 3 RT 004 RW 03 No 13
2	Adi Supriyatna	Jl. Gamprit 2 Ujung RT. 07 RW.14 Kel. Jatiwaringin, Kec. Pondok Gede, Bekasi
3	Veti Apriana	Komplek PU-Pasar Jum'at Blok 1 No. 102 Pondok Pinang Kebayoran Lama, Jakarta Selatan
4	Mari Rahmawati	Jl. H.Raisan No.64C, Rt. 005/Rw. 001, Kelurahan.Cipedak, Kecamatan.Jagakarsa, Jakarta Selatan
5	Sifa Fauziah	Kp. Gombol Paya Rt 002 Rw 013 No. 5 Kecamatan Kalideres Kelurahan Kalideres Jakarta Barat
6	Siti Masripah	Kp. Setu RT 02 RW 02, Bintara Jaya Bekasi Barat
7	Sunarti	Jalan Jati RT.004/RW.004 Komplek Jati Indah Permai No.B3 Sawangan Baru, Sawangan, Depok, Jawa Barat
8	Imam Nawawi	Jl Lombok Dalam 1 No. 62 RT/RW 002/004 Pondok Cabe Ilir Kecamatan Pamulang Kota Tangerang Selatan Banten
9	Fernando B Siahaan	Jalan Muhidin No.13 RT 11 RW 12 Kelurahan Kelapa Dua Wetan Kecamatan Ciracas Jakarta Timur
10	Vivi Maria	Jl. Pejaten Barat II RT 013 RW 08 No. 1 Ps. Minggu Jakarta Selatan
11	Wahyu Indrarti	Jalan Cibeber 3 No.5 Kebayoran Baru, Jakarta Selatan

LAMPIRAN PEMEGANG

No	Nama	Alamat
1	Rifky Permana	Jalan Kayumanis 3 Gang Jati 3 RT 004 RW 03 No 13
2	Adi Supriyatna	Jl. Gamprit 2 Ujung RT. 07 RW.14 Kel. Jatiwaringin, Kec. Pondok Gede, Bekasi
3	Veti Apriana	Komplek PU-Pasar Jum'at Blok 1 No. 102 Pondok Pinang Kebayoran Lama, Jakarta Selatan
4	Mari Rahmawati	Jl. H.Raisan No.64C, Rt. 005/Rw. 001, Kelurahan.Cipedak, Kecamatan.Jagakarsa, Jakarta Selatan
5	Sifa Fauziah	Kp. Gombol Paya Rt 002 Rw 013 No. 5 Kecamatan Kalideres Kelurahan Kalideres Jakarta Barat
6	Siti Masripah	Kp. Setu RT 02 RW 02, Bintara Jaya Bekasi Barat
7	Sunarti	Jalan Jati RT.004/RW.004 Komplek Jati Indah Permai No.B3 Sawangan Baru, Sawangan, Depok, Jawa Barat
8	Imam Nawawi	Jl Lombok Dalam 1 No. 62 RT/RW 002/004 Pondok Cabe Ilir Kecamatan Pamulang Kota Tangerang Selatan Banten
9	Fernando B Siahaan	Jalan Muhidin No.13 RT 11 RW 12 Kelurahan Kelapa Dua Wetan Kecamatan Ciracas Jakarta Timur
10	Vivi Maria	Jl. Pejaten Barat II RT 013 RW 08 No. 1 Ps. Minggu Jakarta Selatan
11	Wahyu Indrarti	Jalan Cibeber 3 No.5 Kebayoran Baru, Jakarta Selatan

