

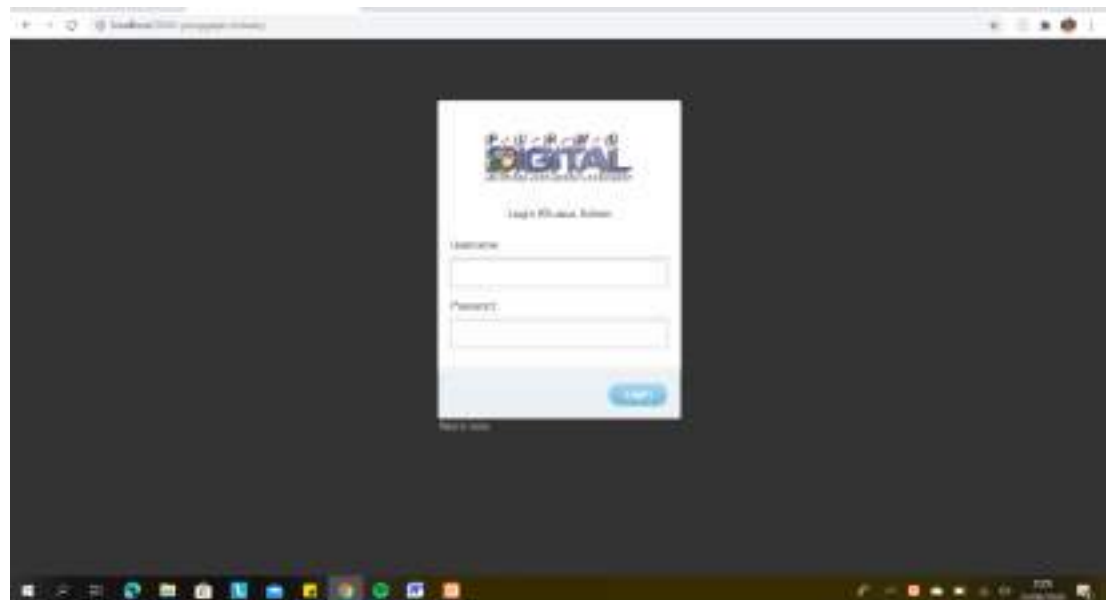
Menu Dan Panduan Penggunaan
PERANCANGAN PROGRAM WEBSITE PENGGAJIAN
KARYAWAN STUDI KASUS PADA CV. PURWO DIGITAL
BEKASI

Website Sistem penggajian yang sedang berjalan pada CV. PURWO DIGITAL BEKASI, masih menggunakan cara konvensional. Sehingga mengalami keterlambatan dalam memproses gaji karyawan akibatnya terjadi penumpukan proses pembayaran gaji. Sebab data harus dicatat atau diproses berulang kali dalam menyusun laporan gaji karyawan. Oleh sebab itu disini penulis mencoba merancang aplikasi untuk mempermudah dan mengakuratkan proses perhitungan gaji pokok, lembur dan pembuatan laporannya. Ruang lingkup yang penulis buat ini ditekankan pada proses penggajian yaitu meliputi admin dapat melakukan *input* data bagian, *input* data karyawan, *input* data absensi, *input* data lembur, *input* data gaji, laporan data absensi, laporan data karyawan, laporan data gaji, dan slip gaji. Sementara untuk user/pegawai memiliki hak akses untuk masuk ruang aplikasi dan dapat melakukan pengecekan slip gaji beserta mencetaknya sebagai bukti.

Berikut adalah tampilan dari login website :

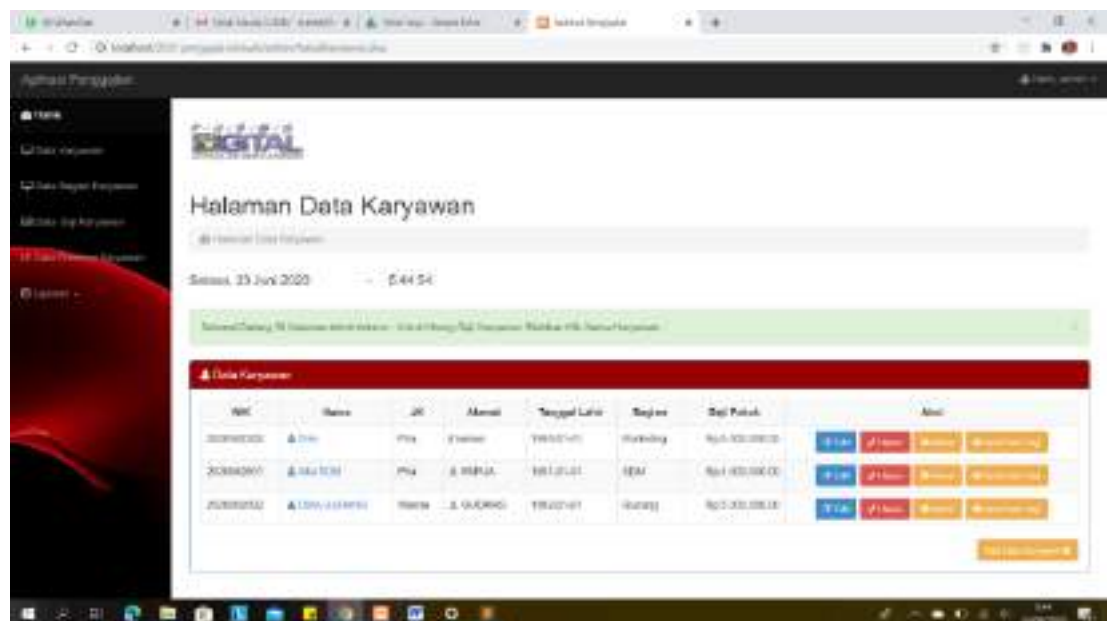
A. Rancangan Antar Muka Halaman *Administrator*

1. Halaman *Login Administrator*



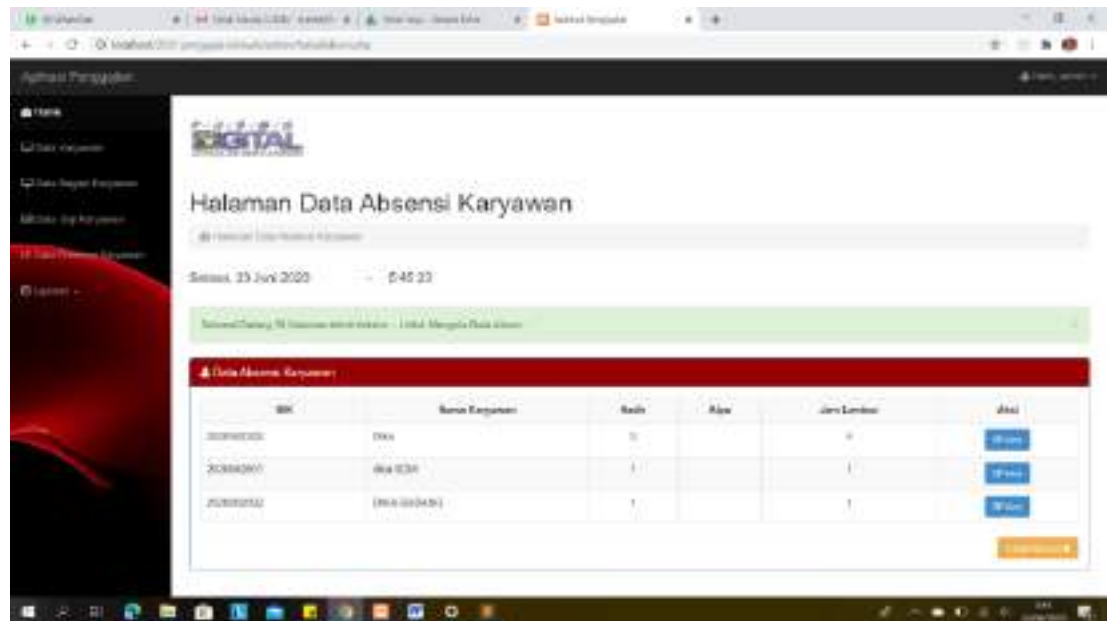
Halaman Antar Muka *Login Administrator*

2. Halaman mengelola data karyawan



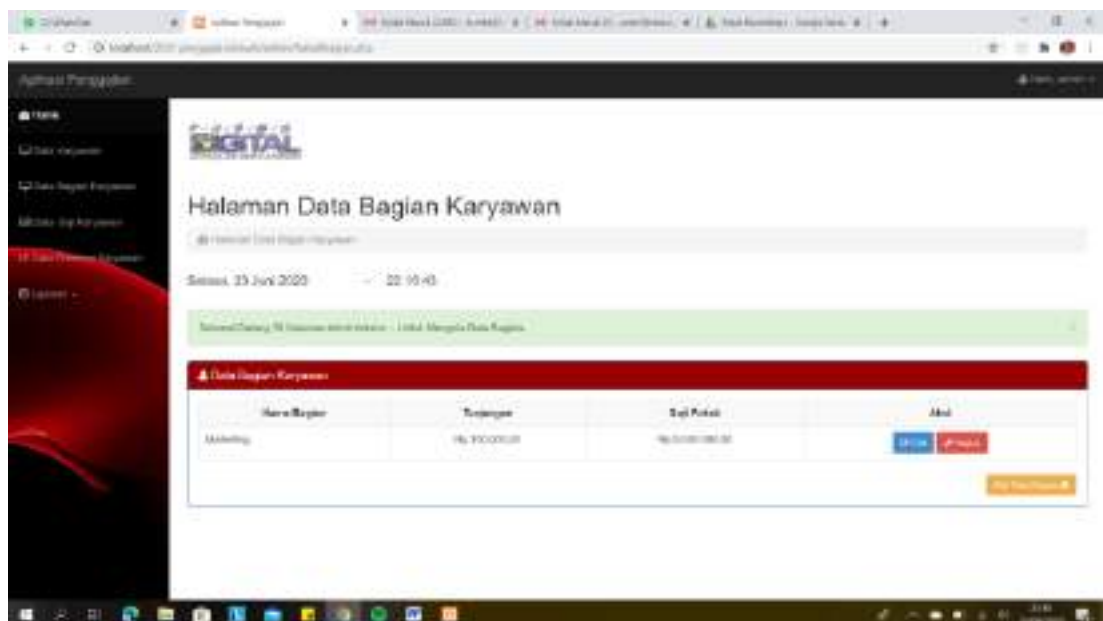
Halaman Mengelola Data karyawan

3. Halaman mengelola data absensi



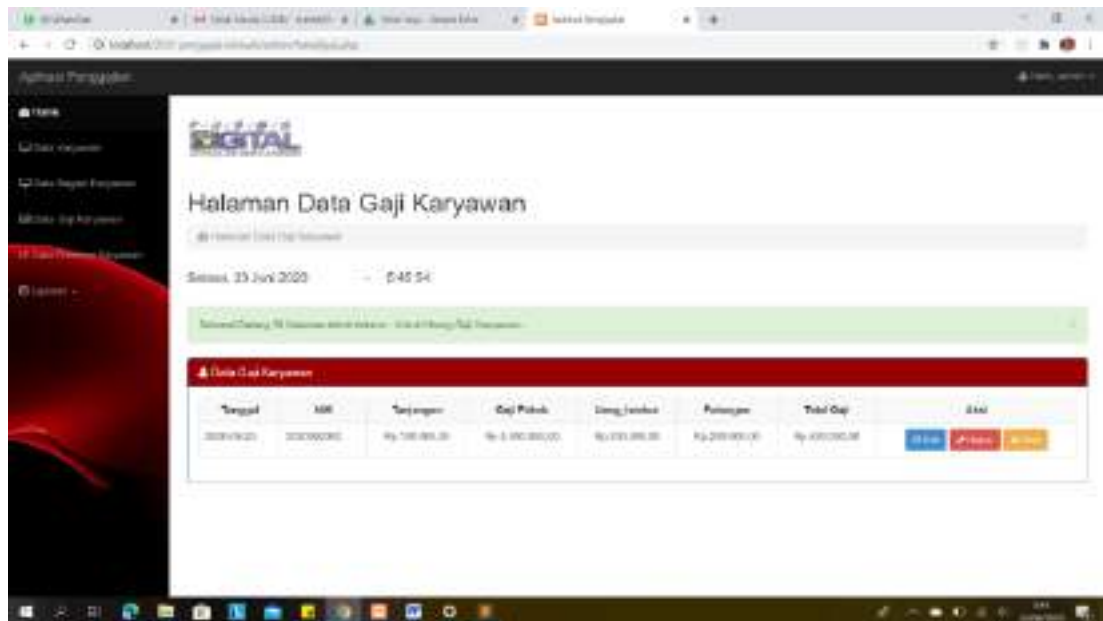
Halaman Mengelola Data absensi

4. Halaman mengelola data bagian



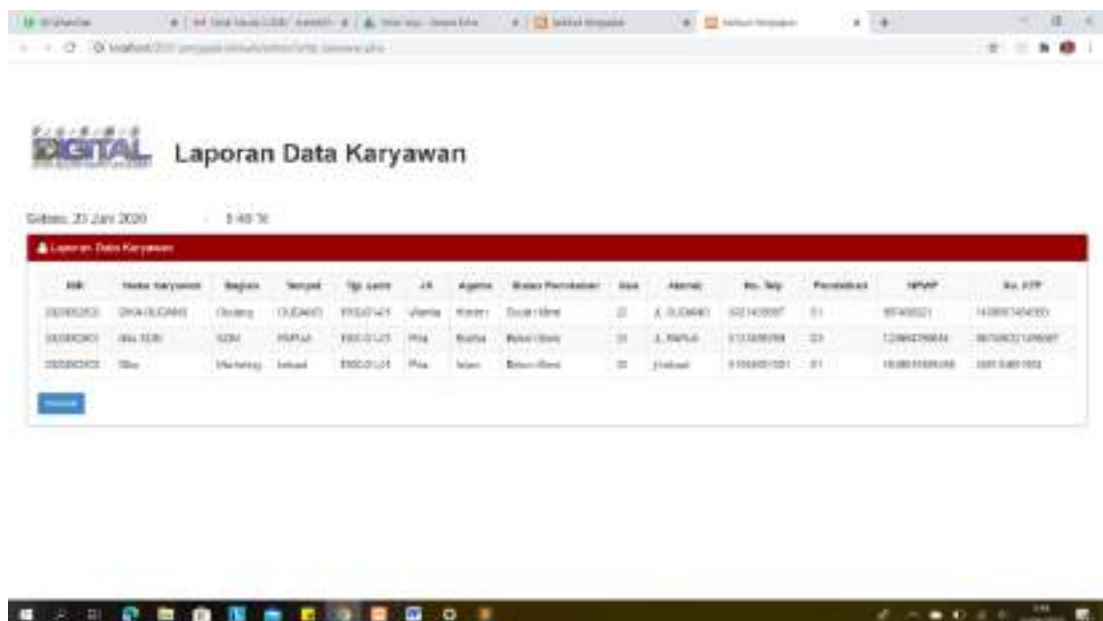
Halaman Mengelola Data bagian

5. Halaman mengelola data penggajian



Halaman Mengelola Data penggajian

6. Halaman laporan data penggajian



Halaman Laporan Data Penggajian

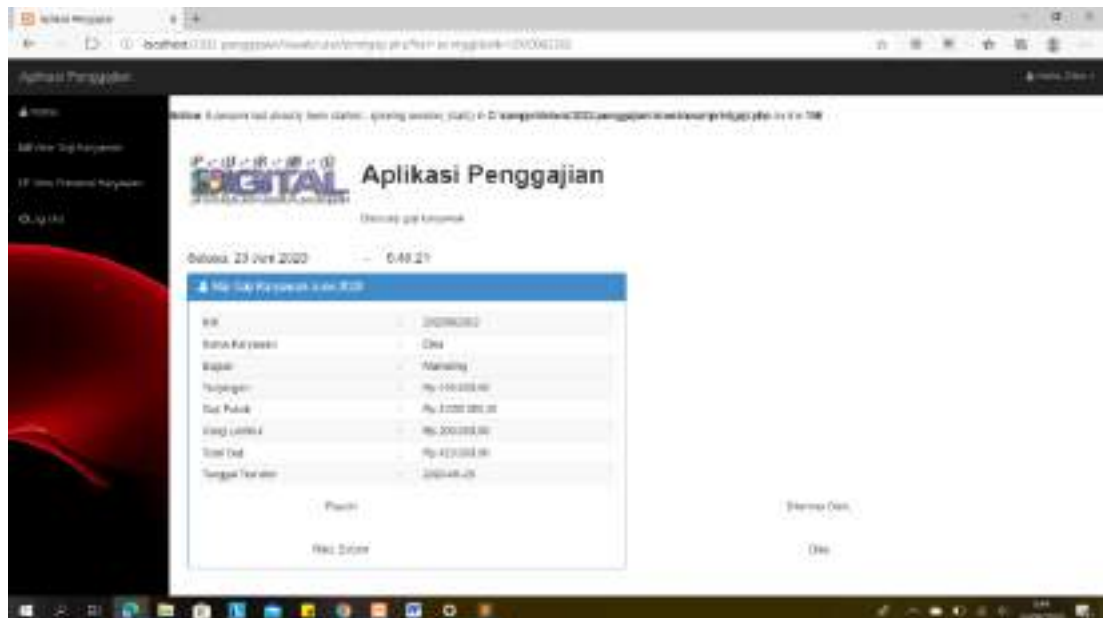
B. Rancangan Antar Muka Halaman Karyawan

1. Halaman login karyawan



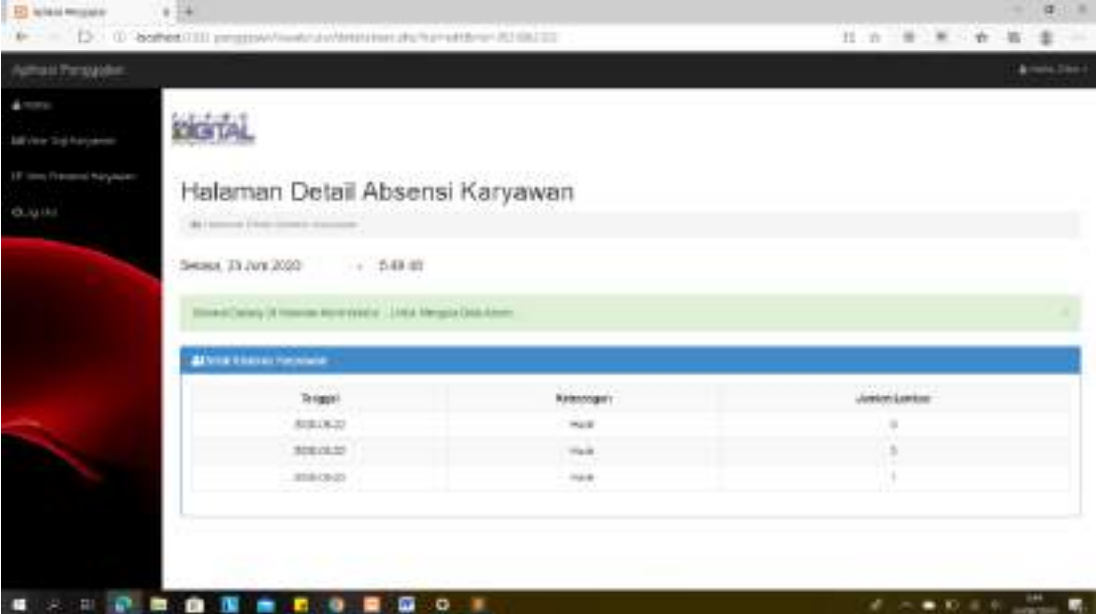
Halaman Antar Muka login karyawan

2. Halaman lihat dan cetak slip gaji



Halaman lihat dan cetak slip gaji

3. Halaman lihat data absensi



Halaman Detail Absensi Karyawan

Sekarang: 23 June 2020 - 5:49:00

Menampilkan 3 data absensi karyawan

Tanggal	Kategori	Jumlah/Lama
2020-06-20	Haji	0
2020-06-20	Haji	0
2020-06-20	Haji	1

Halaman lihat data absensi

Source Code JSP

```
<sql:query var="qryuser" dataSource="${dataSource}">
    <!-- perubahan muai dari where ...-->
    SELECT * FROM penggajian WHERE FORM_Administrator* SELECT * WHERE
FORM_Karyawan
    LIKE '%${param.cari}%'
    OR tgl
    LIKE '%${param.cari}%'
</sql:query>
FORM_Administrator* %@page import="java.sql.*, login.admin, data.karyawan,
data.absensi karyawan, data.bagian penggajian, laporan.data penggajian. about us,
"% <%
    Login administratir = home Admin();
    Data karyawan = new karyawan();
    Data absensi karywan = new data absensi();
    //--koneksi database--
    Connection koneksi = null;
    Statement stmt = null;
    ResultSet rs = null;
    Class.forName("com.mysql.jdbc.Driver");
    koneksi = DriverManager.getConnection("jdbc:mysql://localhost/CV.Purwo Digital",
"root", "");
    stmt = koneksi.createStatement();
    rs = stmt.executeQuery("SELECT * FROM Karyawan"
        + " WHERE login_karyawan");
%>
<h1>[ From Login Karyawan ]</h1>
<form action="lihat dan cetak slip gaji" Servlet" method="post">
    <style type="text/css">
        table {
            font-family: Arial, Helvetica, sans-serif;
            background-color: #ff9900;
            border-style: ridge;
            border-color: #c40b00;
            border-collapse: separate;
            text-align: left;
```

```
padding: 4px;
color: white;
font-size: 12px;
}
a {
color: black;
font: "Times New Roman",sans-serif;
font-size: 20px;
}
h1 {
border-style: inset;
border-collapse: separate;
background-color: #c40b00;
width: 430px;
height: 50px;
border-color: #c40b00;
font-family: 'cambria', sans-serif;
color: white;
letter-spacing: 6px;
font-size: 35px;
margin-bottom: 10px;
margin-top: 10px;
}
input {
border-color: white;
color: #ff9900;
font-family: Georgia, Arial, sans-serif;
font-size: 16px;
padding: 3px;
}
input:hover {
background-color: #ff9900;
color: #ffffff;
}
input.button {
background-color: white;
```

```

        color: #ff9900;
        font-family: 'Roboto', sans-serif;
        margin-right: 10px;
    }
    input.button:hover {
        background-color: #ff9900;
        color: #ffffff;
    }
    select {
        border-color: white;
        color: #ff9900;
        font-family: Georgia, Arial, sans-serif;
    }
    select:hover {
        background-color: #ff9900;
        color: #ffffff;
    }
    select option [selected="selected"]
    {
        font-weight: bold;
        background-color: #ff9900;
        color: #ff9900;
    }
    tr:nth-child(even){background-color: #ffffff; color: black;}
</style>
<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 = "getproduk.jsp"
url = url + "?emp_id=" + emp_value

xmlHttp.onreadystatechange = stateChanged
xmlHttp.open("GET", url, true)
xmlHttp.send(null)
} else
{
    alert("-");
}
}

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("-");
            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>
<table border="1">
|  |
| --- |
| Login Karyawan |
| <%         try {             ResultSet nopm = null;             Statement perintah = koneksi.createStatement();             nopm = perintah.executeQuery("Select max(right(lihat data_absensi,8)) as no FROM Penggajian");             while (nopm.next()) {                 if (nopm.first() == false) {                     out.println("<input type='hidden' name='login_nama karyawan' value='Data Absensi001' id='t1' />");                     out.println("<input type='text' disabled='disabled' value='P00000001' />");                 } else { |

```

```

        nopm.last();
        int autonopm = nopm.getInt(1) + 1;
        String nomorpm = String.valueOf(autonopm);
        int noLong = nomorpm.length();

        for (int a = 1; a < 9 - noLong; a++) {
            nomorpm = "0" + nomorpm;
        }
        String nomerpm = "PM" + nomorpm;
        out.println("<input type='hidden' name='Login_NIK_Tanggal lahir' value='" + nomerpm + "'/>");
        out.println("<input type='text' disabled='disabled' value='" + nomerpm + "'/>");
    }
}
} catch (Exception e) {
    out.println(e);
}
%>
</td>
</tr>
<tr>
    <td>Data Absensi</td>
    <td><input type="date" name="tgl"/></td>
</tr>
<tr style="background-color: #ff9900; color: white;">
    <td>Login data_Karyawan</td>
    <td>
        <select name="login_data absensi" onchange="showEmp(this.value);">
            <option value="">Pilih Cetak Slip gaji </option>
        <%
            rs = stmt.executeQuery("SELECT * FROM absensi ");
            while (rs.next()) {
                produk.setNIP_karyawan(rs.getString("NIP_karyawan"));
                produk.setTanggal_lahir(rs.getString("tanggal lahir_karyawan"));
            <%

```

```

        <option value="<%=lihat data absensi.get_login
karyawan()%>"><%=lihat data absensi.getlogin_Nik, Tanggal lahir()%> ||
<%=absensi.getNama_Karyawan()%></option>
        <% }%>
    </select>

</td>
</tr>
<tr>
    <td>Cetak_slip gaji</td>
    <td>
        <select name="cetak_slip">
            <option value="">Pilih Cetak Slip </option>
            <%
                rs = stmt.executeQuery("SELECT * FROM Login Administrator");
                while (rs.next()) {
                    data karyawan.setData_Absensi(rs.getString("nama
karyawan_absensi"));
                    laporan.setdata_penggajian(rs.getString("laporan_penggajian"));

                    %>
                    <option value="<%=laporan data penggajianr.getLaporan_data
karyawan()%>"><%=penggajian.getLaporan_Penggajian karyawan()%> ||
<%=Penggajian.getLaporan_Data karyawan()%></option>
                    <% }%>
                </select>
            </td>
<tr style="background-color: #ff9900; color: white;">
    <td>Satuan</td>
    <td><input type="text" name="satuan" size="25"/></td>
</tr>
<tr style="background-color: #ff9900; color: white;">
    <td>Nama Karyawan</td>
    <td id="emp_id" value="" ><input type="text" name="nama_karyawan"
id="ename" value="" onchange="beli()" readonly/></td>
</tr>

```

```

        <tr style="background-color: #ff9900; color: white;">
            <td>Quantity</td>
            <td><input type="text" name="jumlah gaji" size="25" id="jumlah gaji"
onchange="jumlah()"/></td>
        </tr>
        <tr>
            <td>Subtotal</td>
            <td><input type="text" name="subtotal" size="25" id="subtotal"
readonly/></td>
        </tr>
        <tr>
            <td colspan="3" align="center"><input type="submit" name="aksi"
value="Simpan" class="button"/></td>
        </tr>
    </table>
</form>

<script type="text/javascript">
    function jumlah() {
        var data karyawana = document.getElementById("qty").value;
        var data absensi = document.getElementById("ename").value;
        var subtotal = absensi * gaji pokok;
        document.getElementById("subtotal").value = subtotal;
    }
</script>
<form action="#" method="post"><br>
    Cari Data karyawan : <input type="text" name="cari" value="{param.cari}"/>
<%-- modif value --%>
    <input type="submit" value=" Cari " class="button"/><br>
</form>
<table border="5" cellpadding="5" cellspacing="5">
    <tr class="head">
        <td>Halaman Admin</td>
        <td>Halaman Karyawan</td>
        <td>laporan absensir</td>
        <td>Cetak slip gaji</td>
    </tr>
</table>

```

```

        <td>Data absensi</td>
        <td>Lihat data absensi</td>

    </tr>
    <c:forEach var="rowakun" items="${qryuser.rowsByIndex}">
        <tr class="isi">
            <td align='center'>${rowakun[0]}</td>
            <td align='center'>${rowakun[1]}</td>
            <td align='center'>${rowakun[2]}</td>
            <td align='center'>${rowakun[3]}</td>
            <td align='center'>${rowakun[4]}</td>
            <td align='center'>${rowakun[5]}</td>
            <td align='center'>${rowakun[6]}</td>
            <td align='center'>${rowakun[7]}</td>

        </tr>
    </c:forEach>
</table>
</body>
</html>

```

Source Code Control Servlet

```

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 data.karyawan; //mengakses parameter
import data.Absensi;
import Data.Gaji Pokok;
import java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;

```

```

import javax.servlet.annotation.WebServlet;

/**
 *
 * @author michael
 */
@WebServlet(name = "penggajian karyawan CV Purwo digital"Servlet", urlPatterns =
{"/penggajian karyawan1Servlet"})
public class penggajian1Servlet extends HttpServlet {

    /**
     * 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, ClassNotFoundException, SQLException
    {
        response.setContentType("text/html;charset=UTF-8");

        Penggajian karyawan = new Karyawan(); //--Inisialisasi Object—

        String URL = "jdbc:mysql://localhost:3306/CV. Purwo Digital ";
        String USERNAME = "root";
        String PASSWORD = "";

        Connection koneksi = null;
        PreparedStatement pstmt = null;
        PreparedStatement pstmt2 = null;
        int result = 0;

```

```

try (PrintWriter out = response.getWriter()) {
    /* TODO output your page here. You may use following sample code. */
    Class.forName("com.mysql.jdbc.Driver");
    koneksi = DriverManager.getConnection(URL, USERNAME, PASSWORD);

    String aksi = request.getParameter("aksi");
    if (aksi != null) {
        penggajian.setNama_Karyawan(request.getParameter("kode_NIK"));
        penggajian.setTanggalahir(request.getParameter("tgllahir"));
        penggajian.setLogin_karyawan(request.getParameter("Login_karyawan"));
        penggajian.setLihat data absensi(request.getParameter("Lihat_absensi"));
        penggajian.setCetak slip gaji(request.getParameter("lembar"));
        penggajian.setData_gaji(request.getParameter("Data_Gaji"));
        penggajian.setQty(request.getParameter("rupiah"));
        penggajian.setSubtotal(request.getParameter("subtotal"));
        switch (aksi) {

            case "Simpan":

                if (penggajian.getLogin_administrator().equals("") ||
                    penggajian.getNama().equals("") || penggajian.getLogin_karyawan().equals("NIK") ||
                    penggajian.getData_absensi().equals("harian") ||
                    penggajian.getSatuan().equals("lembar") || penggajian.getCetak_slip gaji().equals(""))
                    ||penggajian.getQty().equals("") || penggajian.getSubtotal().equals("")){
                        out.println("<script>alert('Gagal... masih ada data yang belum terisi, Silahkan Ulangi!!!')")
                        + "</script><meta http-equiv='refresh'
content='1;beranda1.jsp?hal=penjualan'/>");
                    } else {
                        pstmt = koneksi.prepareStatement("INSERT INTO login karyawan "
                            + " VALUES(?, ?, ?, ?, ?, ?, ?, ?, 'tidak tampil')");
                        pstmt.setString(1, penggajian.getLogin_NIK());
                        pstmt.setString(2, penggajian.getTanggallahir());
                        pstmt.setString(3, penggajian.getLihat_absensi());
                        pstmt.setString(4, penggajian.getCetak_slip gaji());
                        pstmt.setString(5, penggajian.getLaporan data penggajian());
                    }
                }
            }
        }
    }
}

```

```

        pstmt.setString(6, penggajian.getGaji_pokoki());
        pstmt.setString(7, penggajian.getIDR());
        pstmt.setString(8, pengagajian.getSubtotal());

        result = pstmt.executeUpdate();
        pstmt2 = koneksi.prepareStatement("UPDATE Gaji pokok"
nama_Gapok = Nik_Gapok + ? WHERE Login_karyawan=?");
        pstmt2.setString(1, penggajian.getQty());
        pstmt2.setString(2, penggajian.getData_gaji());

        result = pstmt2.executeUpdate();
        if (result > 0) {
            out.println("<script> "
                + "alert('Data telah ditambahkan');"
                + "document.location='beranda1.jsp?hal=gaji karyawan';"
                + " </script>");
        }
    }
    break;
case "Delete":
    pstmt = koneksi.prepareStatement("DELETE FROM"
        + " penggajian WHERE Login_administrator = ?");
    pstmt.setString(Penggajian.getLogin_admin());
    result = pstmt.executeUpdate();
    if (result > 0) {
        out.println("<script> "
            + "alert('Data telah di Hapus');"
            + "document.location='beranda1.jsp?hal=data karyawan';"
            + " </script>");
    }
    break;
default:
    break;
}
}
}

```

```
}
```

```
// <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 {
```

```
    try {
```

```
        processRequest(request, response);
```

```
    } catch (ClassNotFoundException ex) {
```

```
        Logger.getLogger(penggajian1Servlet.class.getName()).log(Level.SEVERE, null,  
ex);
```

```
    } catch (SQLException ex) {
```

```
        Logger.getLogger(penggajian1Servlet.class.getName()).log(Level.SEVERE, null,  
ex);
```

```
    }
```

```
}
```

```
/**
```

```
 * 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 {
    try {
        processRequest(request, response);
    } catch (ClassNotFoundException ex) {
        Logger.getLogger(penggajian1Servlet.class.getName()).log(Level.SEVERE, null,
ex);
    } catch (SQLException ex) {
        Logger.getLogger(penggajian1Servlet.class.getName()).log(Level.SEVERE, null,
ex);
    }
}

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

}

```

Source Code Model Java

```

package model;

/**
 *
 * @author user
 */
public class Penggajian {
    private String login_karyawan;
    private String NIP;Tannsiggal lahir
    private String data_absensi;
    private String lihat data_absensi;

```

```
private String satuan;  
private String gaji_pokok;  
private String IDR;  
private String subtotal;  
  
public String getlogin_karyawan() {  
    return NiK_karyawan;  
}  
  
public void setLihat data_absensi(String lihat data_absensi) {  
    this.lihat data_absensi = data_absensi;  
}  
  
public String getTanggal() {  
    return tanggal;  
}  
  
public void setTanggal(String tanggal) {  
    this.tanggal = tanggal;  
}  
  
public String getdata_karyawan() {  
    return data_karyawan;  
}  
  
public void setCetak slip_gaji(String cetak_slip gaji) {  
    this.cetak_slip gaji = cetak_slip gaji;  
}  
  
public String getlaporan absensi_download() {  
    return laporan absensi_download;  
}  
  
public void setData_gaji(String data_gaji) {  
    this.nama_karyawan = data_absensi;  
}
```

```
public String getSatuan() {  
    return satuan;  
}  
  
public void setSatuan(String satuan) {  
    this.satuan = satuan;  
}  
  
public String getdata_absensi() {  
    return data_absensi;  
}  
  
public void setData_Abseni(String Absensi_karyawan) {  
    this.Absensi_karyawan = absensi_karyawan;  
}  
  
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;  
}  
}
```