**MAACI LAUNDRY**

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**PSPEC**

|  |  |
| --- | --- |
| No. | 1.1 |
| Nama Proses | Login |
| Source | Admin, Customer, |
| Destination | Data Admin, Data Customer |
| Input | Data\_Login |
| Output | Info login Admin/Customer (member) invalid |
| Logika Proses | Begin  {Member enters member data}  If member data is valid  Then enter the main menu  Else appeared registration data info  END |

|  |  |
| --- | --- |
| No. | 2.1 |
| Nama Proses | Registrasi member |
| Source | Admin, Customer, |
| Destination | Data Admin, Data Customer |
| Input | Data\_Login |
| Output | Info login Admin/Customer (member) valid |
| Logika Proses | Begin  {member enters username and password}  If there is a username and password  Then enter the member menu form  Else appears invalid member login info  End |

**English Strukture**

* Proses Login

Begin

{Member enters member data}

If member data is valid

Then enter the main menu

Else appeared registration data info

END

* Proses Registrasi

Begin

{member enters username and password}

If there is a username and password

Then enter the member menu form

Else appears invalid member login info

End

**Pseudo Code**

* Login

int main(){  
    printf("Masukan Username : ");  
    scanf("%s",&user);  
    printf("Masukan Password : ");  
    scanf("%s",&pass);  
    if(strcmp(user,"member")==0 && strcmp(pass,"123")==0){  
        printf("Selamat Datang\n");  
        system("pause");  
        menu\_utama();  
    }  
    else{  
         printf("Username dan Password tidak match\n");  
         system("pause");  
         exit(1);  
    }  
}

* Registrasi
* int main(){  
      printf("Masukan Username : ");  
      scanf("%s",&user);  
      printf("Masukan Password : ");  
      scanf("%s",&pass);

printf("Masukan Alamat : ");

scanf("%s",&alamat);

printf("Masukan Email : ");

scanf("%s",&email);

printf("Masukan No-Hp : ");

scanf("%s",&no\_hp);  
    if(strcmp(user,"member")==0 && strcmp(pass,"123")==0 && strcmp(alamat," ")==0 && strcmp(email," ")==0 && strcmp(no\_hp," ")==0){  
        printf("Selamat Datang\n");  
        system("pause");  
        menu\_utama();  
    }  
    else{  
         printf("Registrasi belum lengkap\n");  
         system("pause");  
         exit(1);  
    }  
}

**PSPEC**

|  |  |
| --- | --- |
| No. | 4.0 |
| Nama Proses | Pemesanan |
| Source | Customer |
| Destination | Data Admin, Data Customer |
| Input | Data\_Pemesanan |
| Output | Info data pemesanan |
| Logika Proses | Begin  {Member enters pemesanan data}  If member data is valid  Then enter the pembayaran menu  Else appeared pemesanan data info  END |

|  |  |
| --- | --- |
| No. | 6.0 |
| Nama Proses | Pembayaran |
| Source | Customer |
| Destination | Data Admin, Data Customer |
| Input | Data\_Pembayaran |
| Output | Info data Pemabayaran |
| Logika Proses | Begin  {member enters payment method}  If there is a payment method is Valid  Then enter the member menu form  Else appears invalid method info  End |

**English Strukture**

Begin

{Member enters pemesanan data}

If member data is valid

Then enter the pembayaran menu

Else appeared pemesanan data info

END

Begin

{member enters payment method}

If there is a payment method is Valid

Then enter the member menu form

Else appears invalid method info

End

**Pseudo Code**

* Pemesanan

int main(){  
    printf("Masukan Jenis Laundry : ");  
    scanf("%s",&jenis\_laundry);  
    printf("Masukan Jumlah : ");  
    scanf("%s",&jumlah);  
    if(strcmp(jns,"JenisLaundry")==0 && strcmp(jml,"3")==0){  
        printf("Pesananan anda SUKSES!\n");  
        system("pause");  
        menu\_utama();  
    }  
    else{  
         printf("coba isi yang benar!\n");  
         system("pause");  
         exit(1);  
    }  
}

* Pembayaran
* int main(){  
      printf("Total yang harus dibayar : ".Totalharga);  
      printf("Pilih Metoda bayar : ");  
      scanf("%s",&mtd);

printf("Masukan Alamat : ");

scanf("%s",&alamat);

printf("Masukan Email : ");

scanf("%s",&email);

printf("Masukan No-Hp : ");

scanf("%s",&no\_hp);  
    if(strcmp(user,"member")==0 && strcmp(pass,"123")==0 && strcmp(alamat," ")==0 && strcmp(email," ")==0 && strcmp(no\_hp," ")==0){  
        printf("Selamat Datang\n");  
        system("pause");  
        menu\_utama();

|  |  |
| --- | --- |
| No proses | 5.0 |
| Nama Proses | Input data status Laundry |
| Source (sumber) | Admin |
| input | Data laundry |
| output | Info data status laundry |
| Destination (tujuan) | Admin |
| Logika proses | Begin  (admin melakukan update data laundry)  End |
| English stucture | Begin  (admin does the laundry data update)  End |
| Pseudecode | private void cmdKeluarActionPerformed(java.awt.event.ActionEvent evt) {                     System.exit(0);  }                                            String tKode=txtKode.getText();     String tNama=txtNama.getText();      double hrg=Double.parseDouble(txtHarga.getText());     int stk=Integer.parseInt(txtStok.getText());     int stkMin=Integer.parseInt(txtStokMin.getText());     try{         if (edit==true)         {      stm.executeUpdate("update barang set nm\_brg='"+tNama+"',satuan='"+sSatuan+"',harga="+hrg+",stok="+stk+",stok\_min="+stkMin+" where kd\_brg='" + tKode + "'");         }else         {             stm.executeUpdate("INSERT into barang VALUES('"+tKode+"','"+tNama+"','"+sSatuan+"',"+hrg+","+stk+","+stkMin+")");         }          tblBrg.setModel(new DefaultTableModel(dataTable,header));         baca\_data();         aktif(false);         setTombol(true);     }catch(SQLException e) {        JOptionPane.showMessageDialog(null, e); } }                                        private void cmbSatuanActionPerformed(java.awt.event.ActionEvent evt) {                  JComboBox cSatuan = (javax.swing.JComboBox)evt.getSource();     //Membaca Item Yang Terpilih — > String      sSatuan = (String)cSatuan.getSelectedItem(); }                                        private void cmdTambahActionPerformed(java.awt.event.ActionEvent evt) {                  aktif(true);     setTombol(false); kosong();                                       }                        aktif(false);     setTombol(true);                                      }      setField(); }                                  private void cmdKoreksiActionPerformed(java.awt.event.ActionEvent evt) {                                             edit=true;                                            aktif(true);     setTombol(false);     txtKode.setEditable(false); }       try{     String sql="delete from barang where kd\_brg='" + txtKode.getText() + "'";     stm.executeUpdate(sql);     baca\_data();     }     catch(SQLException e)     {         JOptionPane.showMessageDialog(null, e);     } } |

|  |  |
| --- | --- |
| No proses | 3.0 |
| Nama Proses | Kelola user |
| Source (sumber) | Admin |
| input | Data\_user, info\_user |
| output | Info\_user, info\_user |
| Destination (tujuan) | Admin |
| Logika proses | Begin  (admin memasukan data user)  If data data user valid  Them dat auser berhasil disimpan  Else tampil info user invalid  End |
| English stucture | Begin  (admin enters user data)  If the user data is valid  The user dat data is saved successfully  Else appears invalid user info  End |
| Pseudo code | "public class Utama extends javax.swing.JFrame {"  *private void datatable() {         DefaultTableModel tbl = new DefaultTableModel();         tbl.addColumn("nama");         tbl.addColumn("no hp");         tbl.addColumn("Alamat");         tbl.addColumn("berat barang");         jTable1.setModel(tbl);         try {             Statement statement = (Statement) koneksi.GetConnection().createStatement();             ResultSet res = statement.executeQuery("select \* from mhs");             while (res.next())             {                tbl.addRow(new Object[] {                     res.getString("nama"),                     res.getString("nohp"),                     res.getString("alamat"),                     res.getString("berat barang"),                 });                 jTable1.setModel(tbl);             }         }catch (Exception e){             JOptionPane.showMessageDialog(rootPane, "salah");         }     }* |