

LAMPIRAN

Source Code Aplikasi

1. Source Code Login

```
private void loginad_tb_Click(object sender, RoutedEventArgs e)
{
    if (username_tb.Text != "" && password_bk.Password != "")
    {
        bool username = false;
        bool password = false;
        con.Open();
        string sql1 = "select * from Admin where Username='" +
username_tb.Text + "'";
        string sql2 = "select * from Admin where Password='" +
password_bk.Password + "'";
        SQLiteCommand cmd = new SQLiteCommand(sql1, con);
        SQLiteCommand cmd2 = new SQLiteCommand(sql2, con);
        cmd.ExecuteNonQuery();
        cmd2.ExecuteNonQuery();
        SQLiteDataReader dr = cmd.ExecuteReader();
        SQLiteDataReader dr2 = cmd2.ExecuteReader();
        while (dr.Read())
        {
            username = true;
        }
        while (dr2.Read())
        {
            password = true;
        }
        dr.Close();
        dr2.Close();
        con.Close();

        if (username == true && password == true)
        {
            MessageBox.Show("Anda Berhasil Login", "Info",
MessageBoxButton.OK, MessageBoxImage.Information);
            this.Hide();
            menu bk = new menu(this);
            bk.Show();
        }
        else if (username == false && password == false)
        {
            MessageBox.Show("Username dan Password Salah",
"Info", MessageBoxButton.OK, MessageBoxImage.Information);
        }
        else if (username == false && password == true)
        {
            MessageBox.Show("Username Salah", "Info",
MessageBoxButton.OK, MessageBoxImage.Information);
        }
        else if (username == true && password == false)
    }
```

```

        {
            MessageBox.Show("Password Salah", "Info",
                MessageBoxButtons.OK, MessageBoxIcon.Information);
        }
    }

    else if(username_tb.Text=="&&password_bk.Password=="")
    {
        MessageBox.Show("Username dan Password Tidak Boleh
            Kosong", "Info",
                MessageBoxButtons.OK,
                MessageBoxIcon.Warning);
    }
    else if(username_tb.Text != "" && password_bk.Password=="")
    {
        MessageBox.Show("Password Tidak Boleh Kosong", "Info",
            MessageBoxButtons.OK,
            MessageBoxIcon.Warning);
    }
    else if (username_tb.Text == "" && password_bk.Password !=
        "")
    {
        MessageBox.Show("Username Tidak Boleh Kosong", "Info",
            MessageBoxButtons.OK,
            MessageBoxIcon.Warning);
    }
}

```

2. Source Code Display Data

```

private void Display()
{
    try
    {
        ds = new DataSet();
        dataGrid.IsReadOnly = true;
        con.Open();
        cmd = new SQLiteCommand("select
y.Idstok,y.TahunOrder,x.SemesterNiit,y.Idbuku,y.Code,x.Title,y.ItemCod
e,x.SemesterUMY,y.JumlahOrder,y.SisaStok,y.MahasiswaAktif,y.MahasiswaM
engambil,y.MahasiswaBelumAmbil,y.BukuDosen,y.StokReal,y.Keterangan,y.R
uang,y.Box from StokPaket y join DataBuku x on x.Idbuku = y.Idbuku",
con);

        sda = new SQLiteDataAdapter(cmd);
        cmd.ExecuteNonQuery();
        sda.Fill(ds);
        con.Close();
        dataGrid.ItemsSource = ds.Tables[0].DefaultView;
        search_cb.Text = "ID Paket";
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}

```

3. Source Code Insert

```

private void insert_btn_Click(object sender, RoutedEventArgs e)
{
    try
    {
        if (IDstok_tb.Text != "" && tahunordr_tb.Text != ""
&& code_tb.Text != "" && IDbuku_cb.Text != "" && itemcd_tb.Text != ""
&& Jumlahordr_tb.Text != "" && sisast_tb.Text != "" && mhs_tb.Text !=
"" && bkdsn_tb.Text != "" && stkReal_tb.Text != "")
        {
            cmd = new SQLiteCommand("insert into StokPaket
values(@Idstok,@TahunOrder,@Code,@Idbuku,@ItemCode,@JumlahOrder,@Sisa
Stok,@MahasiswaAktif,@MahasiswaMengambil,@MahasiswaBelumAmbil,@BukuDo
sen,@StokReal,@Keterangan,@Ruang,@Box)", con);
            con.Open();
            cmd.Parameters.AddWithValue("@Idstok",
IDstok_tb.Text);
            cmd.Parameters.AddWithValue("@TahunOrder",
tahunordr_tb.Text);
            cmd.Parameters.AddWithValue("@Code",
code_tb.Text);
            cmd.Parameters.AddWithValue("@Idbuku",
idbk_tb.Text);
            cmd.Parameters.AddWithValue("@ItemCode",
itemcd_tb.Text);
            cmd.Parameters.AddWithValue("@JumlahOrder",
Convert.ToInt32(Jumlahordr_tb.Text));
            cmd.Parameters.AddWithValue("@SisaStok",
Convert.ToInt32(sisast_tb.Text));
            cmd.Parameters.AddWithValue("@MahasiswaAktif",
Convert.ToInt32(mhs_tb.Text));

            cmd.Parameters.AddWithValue("@MahasiswaMengambil",
Convert.ToInt32(mhsambil_tb.Text));

            cmd.Parameters.AddWithValue("@MahasiswaBelumAmbil",
Convert.ToInt32(mhsblmambil_tb.Text));
            cmd.Parameters.AddWithValue("@BukuDosen",
Convert.ToInt32(bkdsn_tb.Text));
            cmd.Parameters.AddWithValue("@StokReal",
Convert.ToInt32(stkReal_tb.Text));
            cmd.Parameters.AddWithValue("@Keterangan",
Keterangan_tb.Text);
            cmd.Parameters.AddWithValue("@Ruang",
ruang_tb.Text);
            cmd.Parameters.AddWithValue("@Box", Box_tb.Text);
            cmd.ExecuteNonQuery();
            con.Close();
            MessageBox.Show("Data Telah Ditambahkan", "Info",
MessageBoxButton.OK, MessageBoxImage.Information);
            ClearData();
        }
    }
    else
    {

```

```

        MessageBox.Show("Data Tidak Boleh Kosong",
"Error",
        MessageBoxButton.OK, MessageBoxImage.Error);
    }
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
}
}

```

4. Source Code Update

```

private void update_btn_Click(object sender, RoutedEventArgs e)
{
    try
    {
        if (IDstok_tb.Text != "" && tahunordr_tb.Text != ""
&& code_tb.Text != "" && IDbuku_cb.Text != "" && itemcd_tb.Text != ""
&& Jumlahordr_tb.Text != "" && sisast_tb.Text != "" && mhs_tb.Text !=
"" && bkdsn_tb.Text != "" && stkReal_tb.Text != "")
        {
            cmd = new SQLiteCommand("Update StokPaket Set
TahunOrder=@TahunOrder,Code=@Code,Idbuku=@Idbuku,ItemCode=@ItemCode,J
umlahOrder=@JumlahOrder,SisaStok=@SisaStok,MahasiswaAktif=@MahasiswaA
ktif,MahasiswaMengambil=@MahasiswaMengambil,MahasiswaBelumAmbil=@Maha
siswaBelumAmbil,BukuDosen=@BukuDosen,StokReal=@StokReal,Keterangan=@K
eterangan,Ruang=@Ruang,Box=@Box WHERE Idstok=@Idstok", con);
            con.Open();
            cmd.Parameters.AddWithValue("@Idstok",
IDstok_tb.Text);
            cmd.Parameters.AddWithValue("@TahunOrder",
tahunordr_tb.Text);
            cmd.Parameters.AddWithValue("@Code",
code_tb.Text);
            cmd.Parameters.AddWithValue("@Idbuku",
idbk_tb.Text);
            cmd.Parameters.AddWithValue("@ItemCode",
itemcd_tb.Text);
            cmd.Parameters.AddWithValue("@JumlahOrder",
Convert.ToInt32(Jumlahordr_tb.Text));
            cmd.Parameters.AddWithValue("@SisaStok",
Convert.ToInt32(sisast_tb.Text));
            cmd.Parameters.AddWithValue("@MahasiswaAktif",
Convert.ToInt32(mhs_tb.Text));

            cmd.Parameters.AddWithValue("@MahasiswaMengambil",
Convert.ToInt32(mhsambil_tb.Text));

            cmd.Parameters.AddWithValue("@MahasiswaBelumAmbil",
Convert.ToInt32(mhsblambil_tb.Text));
            cmd.Parameters.AddWithValue("@BukuDosen",
Convert.ToInt32(bkdsn_tb.Text));
            cmd.Parameters.AddWithValue("@StokReal",
Convert.ToInt32(stkReal_tb.Text));

```

```

        cmd.Parameters.AddWithValue("@Keterangan",
Keterangan_tb.Text);
        cmd.Parameters.AddWithValue("@Ruang",
ruang_tb.Text);
        cmd.Parameters.AddWithValue("@Box", Box_tb.Text);
        cmd.ExecuteNonQuery();
        con.Close();
        MessageBox.Show("Data Telah Diupdate", "Info",
MessageBoxButton.OK, MessageBoxImage.Information);
        ClearData();
    }
    else
    {
        MessageBox.Show("Data Tidak Boleh Kosong",
"Error",
        MessageBoxButton.OK, MessageBoxImage.Error);
    }
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
}
}

```

5. Source Code Delete

```

private void delete_btn_Click(object sender, RoutedEventArgs e)
{
    try
    {
        bool login1 = false;
        string IdSt = IDstok_tb.Text;
        SQLiteConnection con1 = new SQLiteConnection("Data
Source=BukuNIIT.db;Version=3");
        con1.Open();
        string sql1 = "select Idstok from StokContent where
Idstok='" + IdSt + "'";
        SQLiteCommand cmd1 = new SQLiteCommand(sql1, con1);
        cmd1.ExecuteNonQuery();
        SQLiteDataReader dr1 = cmd1.ExecuteReader();
        while (dr1.Read())
        {
            login1 = true;
        }
        dr1.Close();
        con1.Close();
        if (login1 == true)
        {
            MessageBox.Show("Idbuku Yang Ingin
Dihapus,Digunakan pada table lain. Hapus Dahulu Data Yang Menggunakan
Idbuku tersebut.", "Error", MessageBoxButton.OK,
MessageBoxImage.Error);
        }
    }
}

```

```
        else
        {
            MessageBoxResult dialogResult =
            MessageBox.Show("Anda Yakin Ingin Menghapus Data dengan ID " +
            IDstok_tb.Text, "Delete", MessageBoxButton.YesNo);

            if (dialogResult == MessageBoxResult.Yes)
            {
                cmd = new SQLiteCommand("delete from
            StokPaket where Idstok=@Idstok", con);
                con.Open();
                cmd.Parameters.AddWithValue("@Idstok",
            IDstok_tb.Text);

                cmd.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("Data Telah Dihapus", "Info",
            MessageBoxButton.OK, MessageBoxImage.Information);
                ClearData();
            }
        }
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}
```