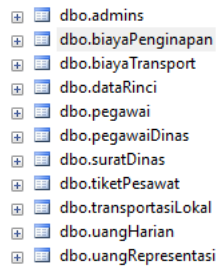


Tugas 2

Pertemuan 3 | 12 September 2022

Penjelasan Data Base

Database yang sudah dibuat diperlukan untuk membuat surat perjalanan dinas bagi para pegawai. Tabel yang ada seperti gambar berikut.



- dbo.admins
- dbo.biayaPenginapan
- dbo.biayaTransport
- dbo.dataRinci
- dbo.pegawai
- dbo.pegawaiDinas
- dbo.suratDinas
- dbo.tiketPesawat
- dbo.transportasiLokal
- dbo.uangHarian
- dbo.uangRepresentasi

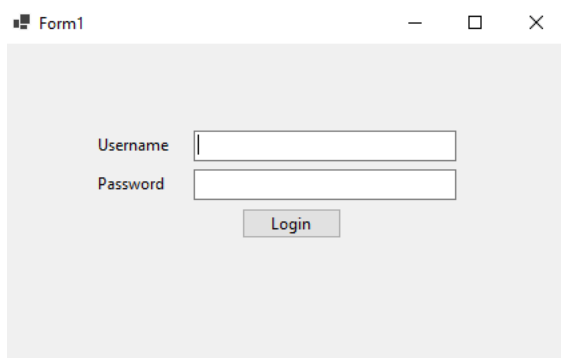
Fitur yang akan digunakan

1. Login Admin
2. Menambahkan data pada pegawai (pada tabel pegawai)
3. Soon

Fitur Login Admin

Pada percobaan login menggunakan visual studio.

```
SqlConnection sqlConnection = new SqlConnection(@"Data Source=DESKTOP-3EQ7S2P;Initial Catalog=SuratPerjalananDinass;Integrated Security=True");
string query = "SELECT COUNT(*) FROM admins WHERE username='" + input_username.Text + "' AND password='" + input_password.Text + "'";
SqlDataAdapter sda = new SqlDataAdapter(query, sqlConnection);
DataTable dt = new DataTable(); //this is creating a virtual table
sda.Fill(dt);
if (dt.Rows[0][0].ToString() == "1")
{
    this.Hide();
}
else
{
    MessageBox.Show("Invalid username or password");
}
```



Form1

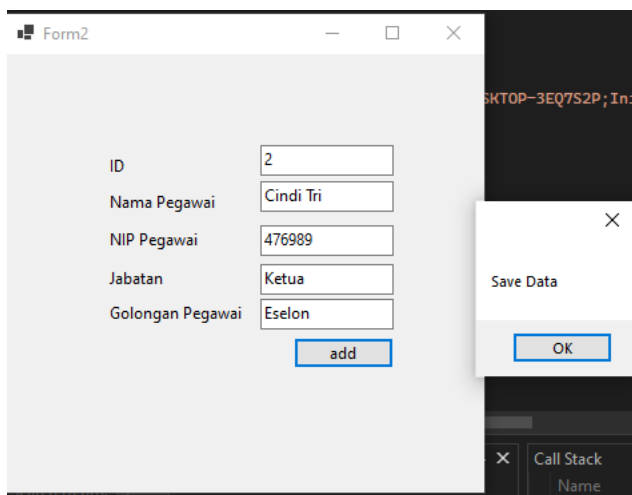
Username

Password

Login

Menambahkan data Pegawai

```
private void button1_Click(object sender, EventArgs e)
{
    SqlConnection sqlConnection = new SqlConnection(@"Data Source=DESKTOP-3EQ7S2P;Initial Catalog=SuratPerjalananDinass;Integrated
;
    string nama = namaPegawai.Text;
    string nip = NIP.Text;
    string jabatan = Jabatan.Text;
    string golongan = Golongan.Text;
    string id = Inputid.Text;
    string query = "INSERT INTO PEGAWAI values ('" + id + "', '" + nama + "', '" + nip + "', '" + jabatan + "', '" + golongan + "')";
    SqlCommand sda = new SqlCommand(query, sqlConnection);
    MySqlDataReader MyReader2;
    sqlConnection.Open();
    sda.ExecuteNonQuery();
    MessageBox.Show("Save Data");
}
```



Gambaran Sederhana form input pegawai