Kuis Pertemuan 13

(Codingan)

Layar kecil(pertama kali di run)

Full layar(responsive)

Kuis Pertemuan 13

Search :

Id	Nama	Alamat	Agama	Umur
12345	Imran Sialoho	Balige	Islam	20
12346	Yanti Nurhayati	Ciamis	Hindu	21
12347	Fadli Ariansyah	Sipirok	Kristen	19
12348	Arya Duta	Bandung	Kristen	18
12349	Tisatun Riza	Banjar	Hindu	20
12350	Sandi Andrian	Sibolga	Islam	19
12351	Hilwa Isnaini	Salatiga	Islam	20

Id :

● All   ● Islam   ● Kristen

Clear   Search   Delete

Model

```
internal class Koneksi
{
    public MySqlCommand cmd;
    public DataSet ds;
    public MySqlDataAdapter da;

    8 references
    public MySqlConnection GetConnection()
    {
        MySqlConnection conn = new MySqlConnection();
        conn.ConnectionString = "server=localhost;user=root;database=profil";
        try
        {
            conn.Open();
        }
        catch (Exception ex)
        {
            MessageBox.Show("Koneksi berhasil" + ex.Message);
        }
        return conn;
    }
}
```

Controller

```csharp
internal class PegawaiController : Model.Koneksi
{
    Koneksi koneksi = new Koneksi();
    0 references
    public DataTable selectPegawai(MySqlCommand command)
    {
        DataTable date = new DataTable();
        try
        {
            string show = "SELECT * FROM pegawai";
            da = new MySqlConnector.MySqlDataAdapter(show, GetConnection());
            da.Fill(date);
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
        return date;
    }
}
```

```csharp
public DataTable getList(MySqlCommand command)
{
    command.Connection = koneksi.GetConnection();
    DataTable table = new DataTable();
    try
    {
        MySqlDataAdapter adapter = new MySqlDataAdapter(command);
        adapter.Fill(table);

    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
    return table;
}
```

```csharp
public void deletePegawai(string id)
{
    string delete = "DELETE FROM pegawai WHERE Id=" + id;

    try
    {
        cmd = new MySqlConnector.MySqlCommand(delete, GetConnection());
        cmd.Parameters.Add("@Id", MySqlConnector.MySqlDbType.VarChar).Value = id;
        cmd.ExecuteNonQuery();
    }
    catch (Exception ex)
    {
        MessageBox.Show("Delete failed!!" + ex.Message);
    }
}
```

```csharp
public DataTable searchPegawai(string search)
{
    DataTable table = new DataTable();
    try
    {
        MySqlCommand command = new MySqlCommand
            ("SELECT * FROM pegawai WHERE CONCAT(Id,Nama,Alamat,Agama,Umur)LIKE '%" + search + "%'", koneksi.GetConnection());
        MySqlDataAdapter adapter = new MySqlDataAdapter(command);
        adapter.Fill(table);
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
    return table;
}
```

Form

```csharp
public partial class Form6 : Form
{
    PegawaiController pegawaiController = new PegawaiController();
    1 reference
    public Form6()
    {
        InitializeComponent();
    }
    1 reference
    private void Form6_Load(object sender, EventArgs e)
    {
        showData(new MySqlCommand("SELECT * FROM pegawai"));
    }
    3 references
    public void showData(MySqlCommand command)
    {
        DataGridView_pegawai.ReadOnly = true;
        DataGridViewImageColumn imageColumn = new DataGridViewImageColumn();
        DataGridView_pegawai.DataSource = pegawaiController.getList(command);
    }
}
```

```csharp
private void button_search_Click(object sender, EventArgs e)
{
    string selectQuery;
    if (radioButton_all.Checked)
    {
        selectQuery = "SELECT * FROM pegawai";
    }
    else if (radioButton_islam.Checked)
    {
        selectQuery = "SELECT * FROM pegawai WHERE Agama='Islam'";
    }
    else
    {
        selectQuery = "SELECT * FROM pegawai WHERE Agama='Kristen'";
    }
    showData(new MySqlCommand(selectQuery));
}
```

```csharp
private void textBox1_TextChanged(object sender, EventArgs e)
{
    DataGridView_pegawai.DataSource = pegawaiController.searchPegawai(textBox1.Text);
}

1 reference
private void button1_Click(object sender, EventArgs e)
{
    try
    {
        pegawaiController.deletePegawai(textBox_id.Text);
        showData(new MySqlCommand("SELECT * FROM pegawai"));
        button_clear.PerformClick();
        MessageBox.Show("Pegawai Deleted Succesfully", "Delete Pegawai", MessageBoxButtons.OK, MessageBoxIcon.Informati
        textBox_id.Focus();

    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);
    }
}


1 reference
private void button_clear_Click(object sender, EventArgs e)
{
    textBox_id.Clear();
    textBox1.Clear();
}
```