Proyek Junior Teknologi Informasi
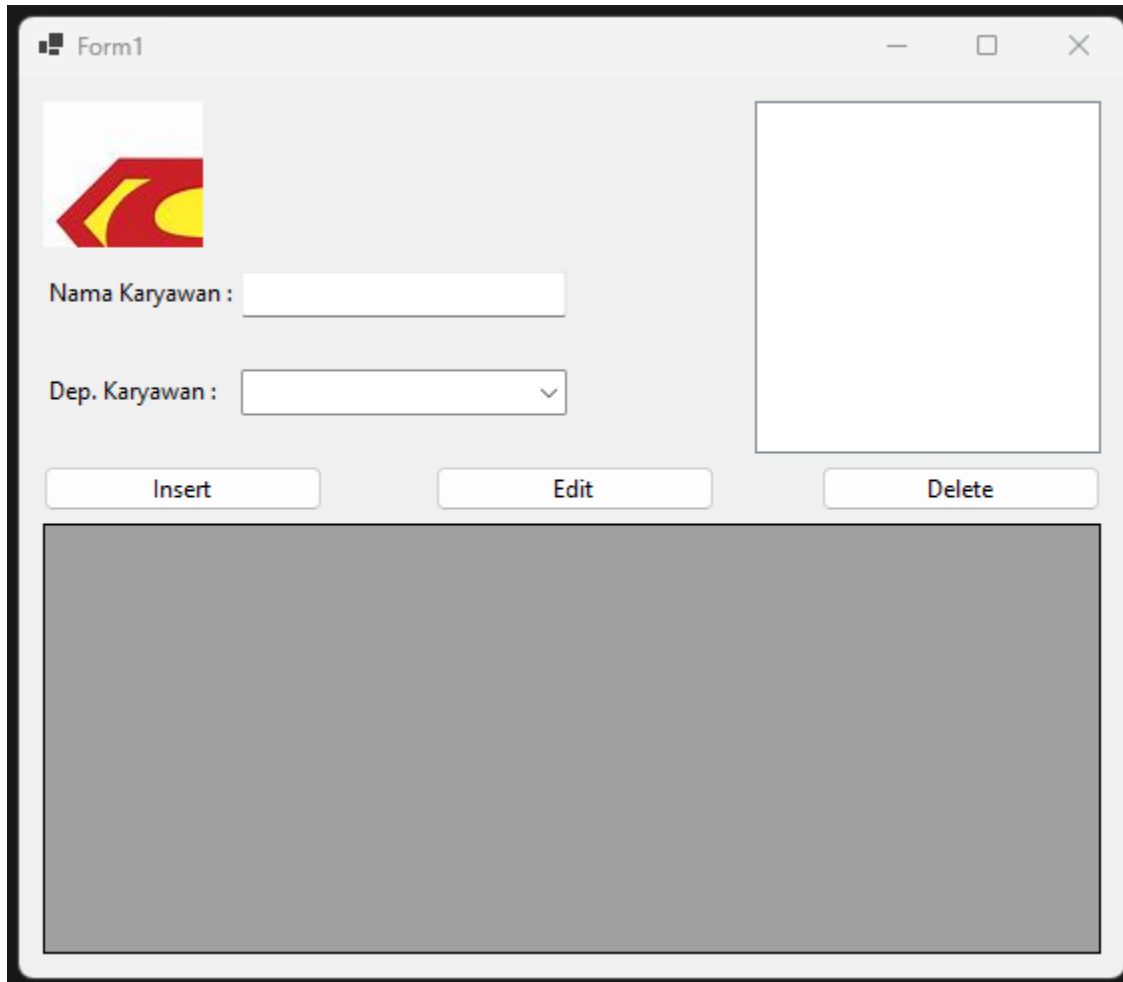## Responsi 2 (Study Case)

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Screenshot pengerjaan :

design :

Code :

```csharp
1 reference
private void btninsert_Click(object sender, EventArgs e)
{
    try
    {
        conn.Open();
        sql = @"select * from st_insert(:_name, :_departemen)";
        cmd = new NpgsqlCommand(sql, conn);
        cmd.Parameters.AddWithValue("_name", txtname.Text);
        cmd.Parameters.AddWithValue("_departemen", cbdepartemen.Text);
        if ((int)cmd.ExecuteScalar() == 1)
        {
            MessageBox.Show("Data Users Berhasil diinputkan", "Well Done", MessageBoxButtons.OK, MessageBoxIcon.Information);
            conn.Close();
            txtname.Text = cbdepartemen.Text = null;
        }
    }
    catch (Exception ex)
    {
        MessageBox.Show("Error:" + ex.Message, "insert FAIL!!", MessageBoxButtons.OK, MessageBoxIcon.Error);
    }
}
```

```csharp
1 reference
private void btnedit_Click(object sender, EventArgs e)
{
    if (r == null)
    {
        MessageBox.Show("Mohon pilih baris data yang akan diedit", "Good", MessageBoxButtons.OK, MessageBoxIcon.Information);
        return;
    }
    try
    {
        conn.Open();
        sql = @"select * from st_update(:_id, :_name, :_departemen)";
        cmd = new NpgsqlCommand(sql, conn);
        cmd.Parameters.AddWithValue("_name", txtname.Text);
        cmd.Parameters.AddWithValue("_departemen", cbdepartemen.Text);
        if ((int)cmd.ExecuteScalar() == 1)
        {
            MessageBox.Show("Data Users Berhasil diinputkan", "Well Done", MessageBoxButtons.OK, MessageBoxIcon.Information);
            conn.Close();
            txtname.Text = cbdepartemen.Text = null;
            r = null;

        }
    }
    catch (Exception ex)
    {
        MessageBox.Show("Error:" + ex.Message, "Edit FAIL!!", MessageBoxButtons.OK, MessageBoxIcon.Error);
    }
}
```

```csharp
1 reference
private void btndelete_Click(object sender, EventArgs e)
{
    if (r == null)
    {
        MessageBox.Show("Mohon pilih baris data yang akan diedit", "Good", MessageBoxButtons.OK, MessageBoxIcon.Information);
        return;
    }

    if (MessageBox.Show("Apakah benar anda ingin menghapus data " + r.Cells["_name"].Value.ToString() + " ?", "Hapus data terkonfirmasi",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question, MessageBoxDefaultButton.Button1) == DialogResult.Yes)
        try
        {
            conn.Open();
            sql = @"select * from st_delete(:_id)";
            cmd = new NpgsqlCommand(sql, conn);
            cmd.Parameters.AddWithValue("_id", r.Cells["_id"].Value.ToString());
            if ((int)cmd.ExecuteScalar() == 1)
            {
                MessageBox.Show("Data Users Berhasil dihapus", "Well Done", MessageBoxButtons.OK, MessageBoxIcon.Information);
                conn.Close();
                txtname.Text = cbdepartemen.Text = null;
                r = null;
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show("Error:" + ex.Message, "Delete FAIL!!", MessageBoxButtons.OK, MessageBoxIcon.Error);
        }
}
```

```csharp
1 reference
private void dgvtable_CellContentClick(object sender, DataGridViewCellEventArgs e)
{

    if (e.RowIndex >= 0)
    {

        r = dgvtable.Rows[e.RowIndex];
        txtname.Text = r.Cells["_name"].Value.ToString();
        cbdepartemen.Text = r.Cells["_departemen"].Value.ToString();

    }

}
```