

LAMPIRAN

Source Code Aplikasi

1. Source Code Matching Mahasiswa

```
private void gridCariPerMah_CellClick(object sender,
DataGridViewCellEventArgs e)
{
    if (e.RowIndex == -1) return;
    if (gridCariPerMah.Columns[e.ColumnIndex].Name == "Match")
    {
        string strnama =
gridCariPerMah.Rows[e.RowIndex].Cells["nama"].Value.ToString();

        conn = new SQLiteConnection(constr);
        conn.Open();
        SQLiteCommand cmd2 = new SQLiteCommand("select skill from
mahasiswa where nama = ('" + strnama + "') ", conn);

        SQLiteDataReader rd = cmd2.ExecuteReader();

        checkedListBox3.Items.Clear();
        while (rd.Read())
        {
            string a = rd["skill"].ToString();
            string[] id = a.Split(',');
            // checkedListBox1.SetItemChecked(id, true);

            for (int i = 0; i < id.Length; i++)
            {
                checkedListBox3.Items.Add(id[i]);
                //Assuming listBox1 is your Listbox control
            }
        }
        for (int x = 0; x < checkedListBox3.Items.Count; x++)
        {
            checkedListBox3.SetItemChecked(x, true);
        }

        List<string> lstString = new List<string>();

        foreach (var item in checkedListBox3.Items)
        {
            lstString.Add(item.ToString()); // /n to print each
item on new line or you omit /n to print text on same line
        }

        var message = string.Join(Environment.NewLine,
lstString.ToArray());
        MessageBox.Show(message);
    }
}
```

```

        conn.Close();

        String whereclause = String.Join("%' OR kualifikasi
LIKE'", lstString.ToArray());
        conn.Open();
        SQLiteCommand cmd = new SQLiteCommand("select
id,namaPerusahaan,posisi,kualifikasi,asosiasi,lokasi,kualifikasiTambahan,
salary,lulusan,alamatWeb,email,tanggalKadaluarsa from perusahaan where
tanggalKadaluarsa >= date('now') and (kualifikasi LIKE '%" + whereclause
+ "%')", conn);
        SQLiteDataAdapter da = new SQLiteDataAdapter(cmd);
        DataTable ds = new DataTable();
        da.Fill(ds);
        gridCariPerPer.DataSource = ds;
        conn.Close();

    }

}

```

2. Source Code Matching Perusahaan

```

private void gridCariMahPer_CellClick(object sender,
DataGridViewCellEventArgs e)
{
    if (e.RowIndex == -1) return;

    if (gridCariMahPer.Columns[e.ColumnIndex].Name == "Match")
    {
        string strKualifikasi =
gridCariMahPer.Rows[e.RowIndex].Cells["namaPerusahaan"].Value.ToString
();

        conn = new SQLiteConnection(constr);
        conn.Open();
        SQLiteCommand cmd2 = new SQLiteCommand("select
kualifikasi from perusahaan where tanggalKadaluarsa >= date('now') and
namaPerusahaan = ('" + strKualifikasi + "') ", conn);

        SQLiteDataReader rd = cmd2.ExecuteReader();

        checkedListBox4.Items.Clear();
        while (rd.Read())
        {
            string a = rd["kualifikasi"].ToString();
            string[] id = a.Split(',');

            for (int i = 0; i < id.Length; i++)
            {
                checkedListBox4.Items.Add(id[i]);
            }
        }
    }
}

```

```
    }
    for (int x = 0; x < checkedListBox4.Items.Count; x++)
    {
        checkedListBox4.SetItemChecked(x, true);
    }

    List<string> lstString = new List<string>();

    foreach (var item in checkedListBox4.Items)
    {
        lstString.Add(item.ToString());
    }

    var message = string.Join(Environment.NewLine,
lstString.ToArray());
    MessageBox.Show(message);
    conn.Close();

    String whereclause = String.Join("%' OR skill LIKE'",
lstString.ToArray());
    conn.Open();
    SQLiteCommand cmd = new SQLiteCommand("select nama,
NoTelp, skill from mahasiswa where skill LIKE '%" + whereclause +
"%"", conn);

    SQLiteDataAdapter da = new SQLiteDataAdapter(cmd);
    DataTable ds = new DataTable();
    da.Fill(ds);
    gridCariMahMah.DataSource = ds;
    conn.Close();

    }

}
```