// csv file generate code with design

private void imgbtnCsv\_Click(object sender, EventArgs e)

{

// Create a SaveFileDialog to specify the location to save the CSV file

SaveFileDialog saveFileDialog = new SaveFileDialog

{

Filter = "CSV Files|\*.csv",

Title = "Save as CSV",

FileName = "Visitor\_Block\_Report\_" + DateTime.Now.ToString("yyyy\_MMdd\_HHmmss") + ".csv" // Auto-generate file name

};

if (saveFileDialog.ShowDialog() == DialogResult.OK)

{

try

{

// Create a StreamWriter to write the CSV file

using (StreamWriter writer = new StreamWriter(saveFileDialog.FileName))

{

// Define the selected columns to export

string[] selectedColumns = { "Name", "Phone", "VisitorType", "BlockedDate", "BlockedTime", "BlockedBy", "TotalDays" };

// Write the header row

writer.WriteLine(string.Join(",", selectedColumns));

// Write data rows

foreach (DataGridViewRow row in grdview.Rows)

{

if (row.IsNewRow) continue; // Skip the empty new row

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

foreach (string columnName in selectedColumns)

{

string cellValue;

if (columnName == "BlockedDate")

{

// Format the BlockedDate column to show only the date (dd/MM/yyyy)

if (DateTime.TryParse(row.Cells[columnName].Value?.ToString(), out DateTime parsedDate))

{

cellValue = parsedDate.ToString("dd/MM/yyyy"); // Format date

}

else

{

cellValue = string.Empty; // If the value is not a valid date

}

}

else

{

cellValue = row.Cells[columnName].Value?.ToString() ?? string.Empty;

}

// Escape commas in data

cellValue = cellValue.Replace(",", " ");

rowData.Add(cellValue);

}

// Write the row data to the CSV file

writer.WriteLine(string.Join(",", rowData));

}

}

MessageBox.Show("CSV downloaded successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show($"Error while generating CSV: {ex.Message}", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

}