// code for Exel file with design

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

{

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

SaveFileDialog saveFileDialog = new SaveFileDialog

{

Filter = "Excel Files|\*.xlsx",

Title = "Save as Excel",

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

};

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

{

try

{

// Create an Excel package

using (var package = new OfficeOpenXml.ExcelPackage())

{

// Add a worksheet to the package

var worksheet = package.Workbook.Worksheets.Add("Visitor Block Report");

// Define the selected columns to export

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

// Write the header row

for (int col = 0; col < selectedColumns.Length; col++)

{

worksheet.Cells[1, col + 1].Value = selectedColumns[col];

worksheet.Cells[1, col + 1].Style.Font.Bold = true;

worksheet.Cells[1, col + 1].Style.Fill.PatternType = OfficeOpenXml.Style.ExcelFillStyle.Solid;

worksheet.Cells[1, col + 1].Style.Fill.BackgroundColor.SetColor(System.Drawing.Color.LightBlue);

}

// Write data rows

int rowIndex = 2;

foreach (DataGridViewRow row in grdview.Rows)

{

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

for (int col = 0; col < selectedColumns.Length; col++)

{

string columnName = selectedColumns[col];

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;

}

worksheet.Cells[rowIndex, col + 1].Value = cellValue;

}

rowIndex++;

}

// Auto-fit columns

worksheet.Cells.AutoFitColumns();

// Save the Excel file

package.SaveAs(new FileInfo(saveFileDialog.FileName));

}

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

}

catch (Exception ex)

{

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

}

}

}