INTRODUCTION

1.1 OUTLINE OF THE PROJECT

The Enrollment and Result Management System (ERMS) stands as a technological cornerstone in the realm of academic administration, offering a streamlined solution to handle student personal details and academic results efficiently. This software serves as a digital assistant, simplifying the intricate processes involved in managing essential aspects of student information and performance tracking within educational institutions.

In the dynamic landscape of education, ERMS plays a pivotal role by automating and organizing tasks related to student enrollment and result management. Its primary focus revolves around the meticulous handling of student personal details, ensuring that the enrollment process is not only efficient but also accurate. By providing a user-friendly interface, ERMS facilitates the seamless input and updating of student information, including vital details such as names, contact information, and academic history.

As educational institutions strive for a more comprehensive understanding of their student body, ERMS goes beyond data management. It empowers administrators with tools for demographic analysis, allowing them to categorize students based on parameters like gender. This feature becomes instrumental in tailoring educational services to meet the diverse needs of the student population.

Moreover, ERMS takes the complexity out of result management by automating the generation of academic outcomes. This not only expedites the result compilation process but also minimizes the potential for manual errors. The system ensures the secure and timely publication of results, providing transparency to students, teachers, and administrators alike. Importantly, ERMS incorporates statistical analysis tools that offer insights into overall student performance, including gender-based analytics, thus aiding institutions in identifying patterns and potential areas for improvement.

LITERATURE SURVEY

Exploring Enrollment and Result Management Systems (ERMS) in education shows us an important and changing area. When we look at what people already know about it, we find different things like how students join classes, how their results are made, and using technology to make these processes work better. Some important studies tell us why it's crucial to make these educational services work smoothly, using new tech, and making things automatic to do the job better. Also, we learn about being careful with important things like being fair, keeping information safe, and following the rules when managing student details and results. This look into ERMS helps us see that it's always changing, and we need smart solutions to solve problems and make sure everything with student info and results goes well.

Talking about ERMS getting better because of technology, it means that things in education are improving a lot. Computers and smart tools are changing how we do things, making fewer mistakes, and helping everything run smoother. ERMS, when it's connected to other school systems and easy for everyone to use, makes handling student information and academic results easier for everyone involved. But there are still things we're figuring out, like making the enrollment process better, using resources wisely, and making sure we use student information in the right way. The survey we looked at tells us that ERMS is always getting better, and in the future, tech solutions, keeping information safe, and being fair will be important for managing education well.

However, despite these advancements, there are ongoing challenges that require attention, such as enhancing the enrollment process, optimizing resource allocation, and ensuring responsible use of student information. The literature survey we explored informs us that ERMS is continually progressing, and as we look ahead, technological solutions, safeguarding information, and maintaining fairness will play pivotal roles in effectively managing education. This constant evolution promises a future where technology-driven advancements, coupled with a commitment to ethical considerations, will contribute significantly to the efficient and equitable management of educational processes.

AIM AND SCOPE OF PROJECT

3.1 PURPOSE OF THE PROJECT

The Enrollment and Result Management System (SERMS) is developed with the aim of enhancing the efficiency and dependability of academic operations. Its primary goal is to streamline the management and coordination of diverse academic activities, offering a centralized platform for users to access comprehensive information related to student enrollment and result management. Individuals seeking academic assistance can effortlessly discover suitable options, simplifying the administrative processes of student enrollment and result management and ensuring a seamless experience for users navigating the academic landscape.

Pre-requisite:

- Basic understanding of C# programming language.
- Basic understanding of .NET Framework.
- Have Visual Studio installed on your machine.
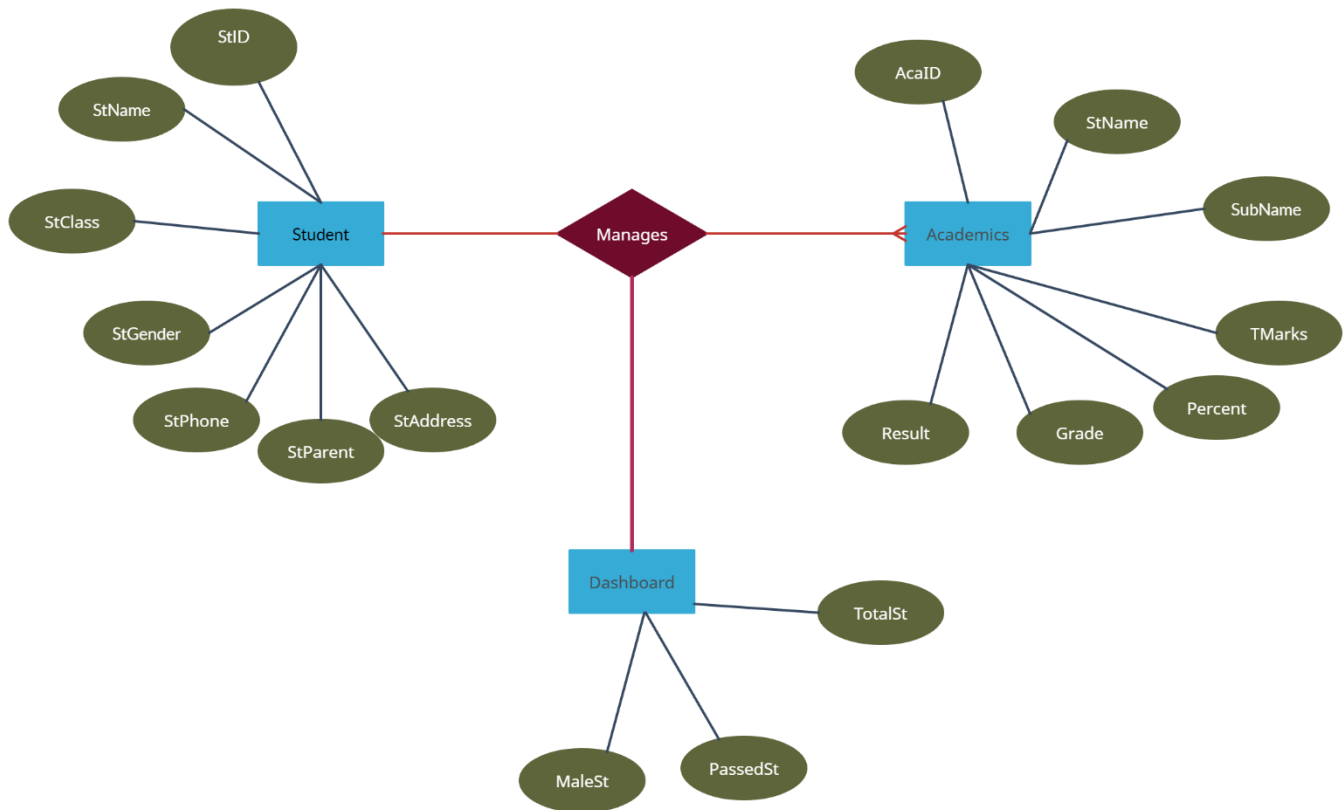- Have Visual Studio Code installed on your machine.

3.2 ER Diagram:

Figure 3.2.1 ER Diagram

PERFORMANCE REQUIREMENT AND MATERIALS USED

4.1 Performance Requirement

Only when the requirement specification is properly given, it is possible to design a system. Which will fit into the required environment. It rests largely requirement with the users of the existing system to give the requirement specification because they are the people who finally use the system. This is because the requirement must be known during the initial stages so that the system can be designed according to those requirements. It is very difficult to change the system once it has been designed and on the other hand designinga system which does not cater to the requirements of the requirements of the user is of no use.

The requirement specification for any system can be broadly stated as given below:

Minimum Hardware Requirement:

- ✓ System: Pentium I3 Processor
- ✓ Hard Disk: 500GB
- ✓ RAM: 4/8 GB (Recommended)
- ✓ Input Devices: Keyboard and Mouse

Software Requirements:

- ✓ Operating system: Window 8/10/11
- ✓ Available Coding Language: VB.Net
- ✓ Database: MYSQL

4.2 WORKING EXPLANATION:

4.2.1 User Authentication

The Student Enrollment and Result Management System prioritizes security with a dedicated admin login, ensuring that only authorized personnel can access sensitive academic data. This exclusive access helps maintain the confidentiality and integrity of academic records, providing a secure environment for managing student information and results within the system.

4.2.2 Student Enrollment

Student Enrollment involves the systematic capture of essential details such as student information, courses selected, and enrollment status. This process establishes a comprehensive record for efficient academic management, enabling tracking, scheduling, and planning.

4.2.3 Result Management

Result Management encompasses the systematic recording and processing of student academic performance. The system efficiently manages grading, calculates overall results, and provides a secure platform for accessing individual student results. It ensures accuracy, transparency, and accessibility in tracking and maintaining academic performance records.

4.2.4 Academic Planning Management

Academic Planning Management involves strategically organizing and coordinating educational activities. It includes features like course scheduling, curriculum planning, and academic program management. The system facilitates efficient academic planning, ensuring a well-structured and organized educational framework for both students and administrators.

4.2.5 Security and Access Control

Security and Access Control are essential components that prioritize the protection of sensitive academic data and system functionalities. This includes the implementation of robust authentication mechanisms, authorization protocols, and encryption methods. These measures guarantee that only authorized personnel, such as administrators and academic staff, can access specific features, ensuring the integrity and confidentiality of academic-related information.

4.3 MYSQL

MySQL is an open-source relational database management system (RDBMS) known for its efficiency, reliability, and ease of use. It allows users to organize and store data in structured tables with rows and columns, using SQL (Structured Query Language) for data manipulation. MySQL is a popular choice for various applications, particularly web development, where it serves as a backend database for websites and web applications. Its open-source nature makes it cost-effective and widely adopted, with a robust community of users and developers continually improving and extending its functionality. MySQL supports scalability, data security, and replication, making it suitable for both small-scale projects and large, high-traffic applications. It is available on multiple platforms and is compatible with various programming languages, cementing its status as a versatile and powerful database solution.

MySQL's performance optimization and ability to handle a substantial volume of queries and transactions make it a top choice for businesses and developers seeking a reliable and efficient data storage solution. Its flexibility and support for replication enable data redundancy for backup and fault tolerance, ensuring data integrity and availability.
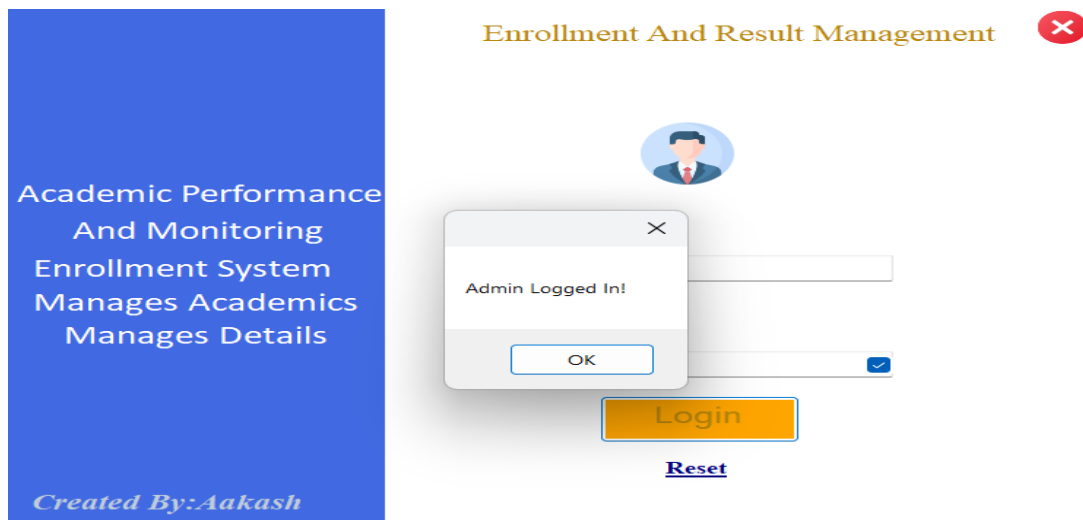
RESULT AND DISCUSSION

Login Page:
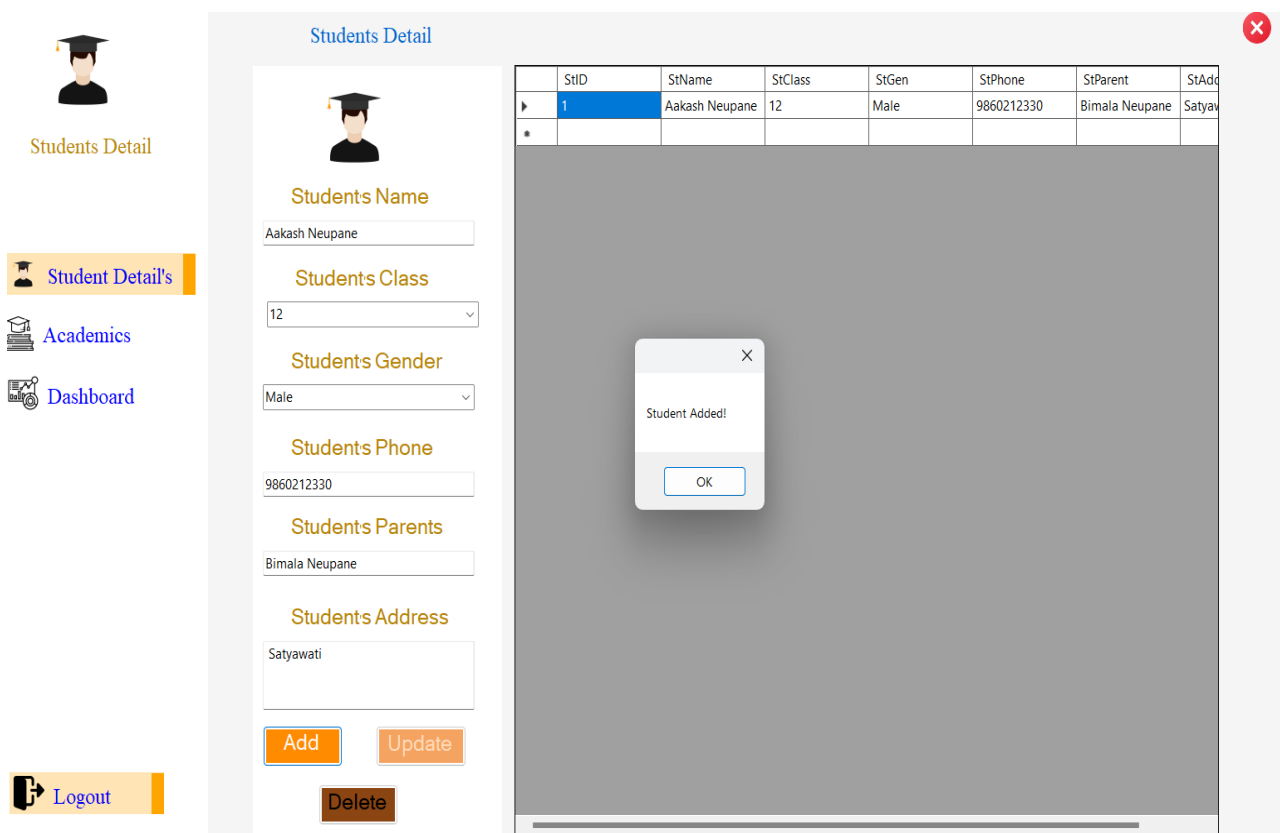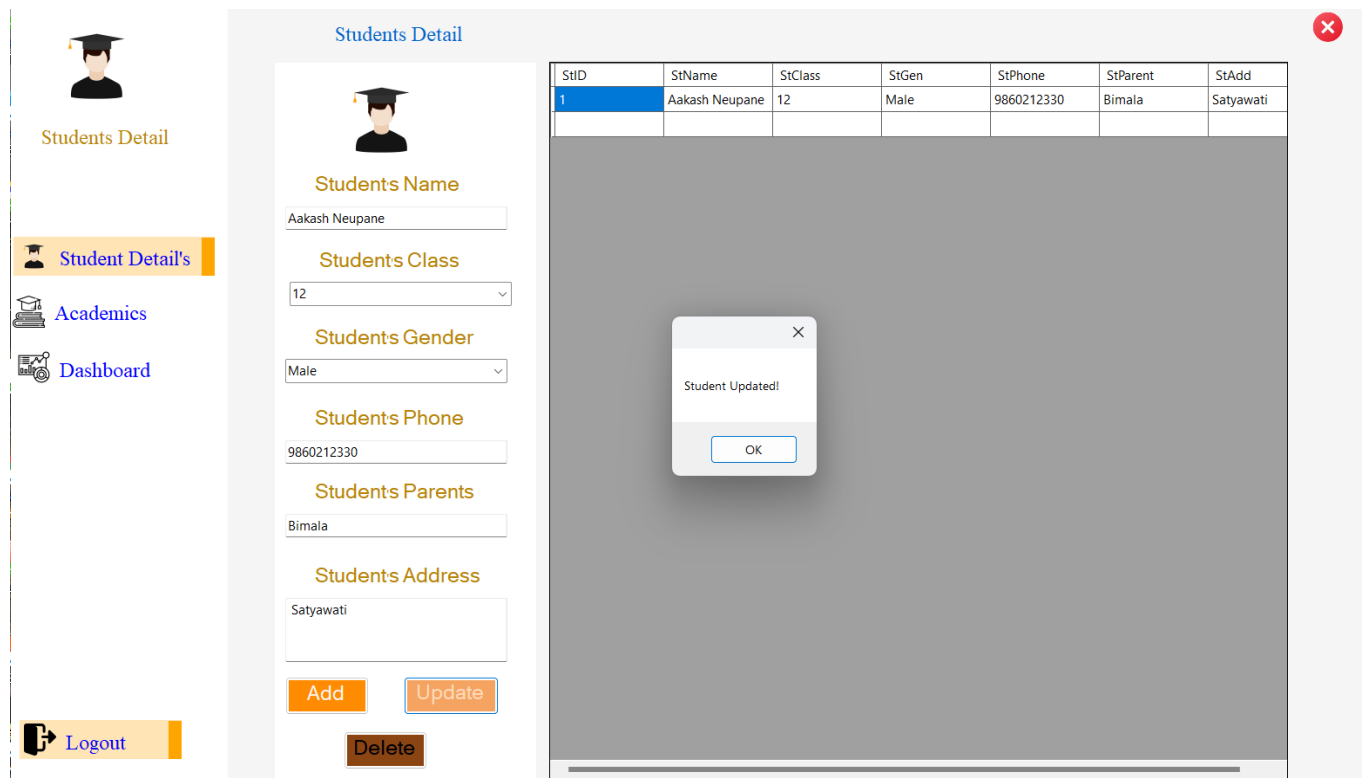

Figure 4.1 Login page

Student Add Page:

Figure 4.2 Student Add Page

Student Update Page:

Figure 4.3 Student Update page

Student Delete Page:

Figure 4.4 Student Delete page

Academic Add Page:

Figure 4.5 Academics Add page

Failed Student Page:

Figure 4.6 Failed Student Page

Passed Student Page:

Figure 4.7 Passed Student page

Academics Update Page:

Figure 4.8 Academics Update page

Academics Delete Page:

StName	Terminals	English	Nepali	Maths	Science	Computer	Programming(C,C++,C# etc,)
Sima	2nd	45	67	88	89	54	55

Networking	Hardware	Technology	Software
78	88	78	99

Add   **Update**   **Delete**

AcaID	StName	Term	English		Science	Computer	Program	Network	Hardware	Tech
1	Minu	2nd	45		56	54	55	78	88	78
2	sanam	3rd	45		56	54	55	78	88	78
3	Aakash	3rd	45		33*	54	55	78	88	78

Academic Data for Sima has been deleted.

OK

Figure 4.9 Academics Delete Page

Dashboard Page:

Dashboard

Students Detail

Summary of the Application

Students   4

Male   1

Passed   3

Student Detail's

Academics

Dashboard

Dashboard
Represents analytical summary of the information.
This module represents the data of students and academics.

Academics Module
Represents the academics of the students.
This module helps manage academics.

Student Module
Represents the information of the students.
This module represents the data of students and academics.

Logout

Figure 4.10 Dashboard Page

Database:

Name	Data Type	Allow Nulls	Default
⚷ AcaID	int	☐	
StName	varchar(50)	☐	
Term	varchar(50)	☐	
English	varchar(50)	☐	
Nepali	varchar(50)	☐	
Maths	varchar(50)	☐	
Science	varchar(50)	☐	
Computer	varchar(50)	☐	
Program	varchar(50)	☐	
Network	varchar(50)	☐	
Hardware	varchar(50)	☐	
Tech	varchar(50)	☐	
Software	varchar(50)	☐	
TMarks	varchar(50)	☐	
Percent	decimal(5,2)	☑	
Grade	varchar(10)	☑	
Result	varchar(10)	☐	

Update | Script File: dbo.AcademicTbl.sql

Figure 5.1 Academics Table Page

Name	Data Type	Allow Nulls	De
StID	int	☐	
StName	varchar(50)	☐	
StClass	varchar(50)	☐	
StGen	varchar(50)	☐	
StPhone	varchar(50)	☐	
StParent	varchar(50)	☐	
StAdd	varchar(150)	☐	
		☐	

date | Script File: dbo.StudentTbl.sql

Figure 5.2 Student Table Page

SUMMARY AND CONCLUSION

The researchers embarked on a mission to evaluate the effectiveness of the Enrollment and Result Management System (ERMS) in schools. They created the ERMS and gathered feedback from various users, including teachers and school staff. The study revealed that the ERMS surpassed traditional manual methods, earning praise for its ability to simplify and secure result management processes. Users appreciated its organizational capabilities, ensuring accurate and efficient handling of result-related information. The ERMS emerged as a valuable tool that enhances the overall efficiency of school operations.

In addition to its impact on school management, the study delved into the environmental aspects of the ERMS. Remarkably, the system was found to contribute to resource conservation by reducing paper usage and adopting eco-friendly practices. This dual benefit of cost savings and environmental friendliness highlighted the ERMS as a sustainable choice for schools. User feedback emphasized the user-friendly nature of the ERMS, emphasizing its simplicity and practical functionality.

Furthermore, the research explored the adaptability of the ERMS to changes and evolving needs in the educational landscape. The findings indicated that the ERMS is a flexible and accommodating solution, capable of adjusting to the dynamic nature of schools that often experiment with new approaches. This flexibility positions the ERMS as a forward-thinking tool, aligning well with the ever-changing needs of educational institutions. In conclusion, the study underscored that the Enrollment and Result Management System is a multifaceted asset for schools, offering ease of use, resource efficiency, environmental benefits, user satisfaction, and adaptability to change.

APPENDIX

SOURCE CODE:
Program.cs

```
namespace Performance_Tracking_And_Mgmt_System
{
internal static class Program
{
[STAThread]
static void Main()
{
ApplicationConfiguration.Initialize();
Application.EnableVisualStyles();
Application.SetCompatibleTextRenderingDefault(false);
Application.Run(new Login());
}
}
}
```

Academics.cs

```
using System;
using System.Data;
using System.Windows.Forms;
namespace Performance_Tracking_And_Mgmt_System
{
public partial class lbl : Form
{
Functions Conn;
public lbl()
{
InitializeComponent();
Conn = new Functions();
ShowAcademics();
LoadStudentNames();
}
private void ShowAcademics()
{
string query = "SELECT * FROM AcademicTbl";
Acalist.DataSource = Conn.GetData(query);
}
private void LoadStudentNames()
{
string query = "SELECT StName FROM StudentTbl";
DataTable studentNames = Conn.GetData(query);

if (studentNames != null && studentNames.Rows.Count > 0)
{
foreach (DataRow row in studentNames.Rows)
```

```
{
StNameCb.Items.Add(row["StName"].ToString());
}
}
}
private void Dashboard_Click_1(object sender, EventArgs e)
{
NavigateToForm(new Dashboard());
}
private void label22_Click(object sender, EventArgs e)
{
NavigateToForm(new Login());
}
private void StudentLbl_Click(object sender, EventArgs e)
{
NavigateToForm(new Student());
}
private void clb_Click(object sender, EventArgs e)
{
NavigateToForm(new Student());
}
private void AddBtn1_Click(object sender, EventArgs e)
{
if (StNameCb.SelectedIndex == -1 || TermCb.SelectedIndex == -1 || EngTb.Text == "" ||
NepTb.Text == "" || MathsTb.Text == "" ||
ScienceTb.Text == "" || ComputerTb.Text == "" || ProgramTb.Text == "" || NetworkTb.Text == "" ||
HardwareTb.Text == "" ||
TechTb.Text == "" || SoftwareTb.Text == "")
{
MessageBox.Show("You missed a field!");
}
else
{
try
{
var StName = StNameCb.SelectedItem.ToString();
var Term = TermCb.SelectedItem.ToString();
string Eng = EngTb.Text;
string Nep = NepTb.Text;
string Maths = MathsTb.Text;
string Science = ScienceTb.Text;
string Computer = ComputerTb.Text;
string Program = ProgramTb.Text;
string Network = NetworkTb.Text;
string Hardware = HardwareTb.Text;
string Tech = TechTb.Text;
string Software = SoftwareTb.Text;

if (IsValidNumericInput(Eng, Nep, Maths, Science, Computer, Program, Network, Hardware, Tech,
Software))
{
```

```
int TMarks = CalculateTMarks(Eng, Nep, Maths, Science, Computer, Program, Network,
Hardware, Tech, Software);
if (CheckSubjectMarks(Eng, Nep, Maths, Science, Computer, Program, Network, Hardware, Tech,
Software))
{
string Query = "INSERT INTO AcademicTbl (StName, Term, English, Nepali, Maths, Science,
Computer, Program, Network, Hardware, Tech, Software, TMarks, Result) " +
"VALUES ('{0}','{1}','{2}','{3}','{4}','{5}','{6}','{7}','{8}','{9}','{10}','{11}','{12}','FAIL')";
 Eng = MarkWithStarIfNeeded(Eng);
Nep = MarkWithStarIfNeeded(Nep);
Maths = MarkWithStarIfNeeded(Maths);
Science = MarkWithStarIfNeeded(Science);
Computer = MarkWithStarIfNeeded(Computer);
Program = MarkWithStarIfNeeded(Program);
Network = MarkWithStarIfNeeded(Network);
Hardware = MarkWithStarIfNeeded(Hardware);
Tech = MarkWithStarIfNeeded(Tech);
Software = MarkWithStarIfNeeded(Software);
UpdateResultAndGrade(StName);
Query = string.Format(Query, StName, Term, Eng, Nep, Maths, Science, Computer, Program,
Network, Hardware, Tech, Software, TMarks);
Conn.SetData(Query);
}
else
{
double Percent = (double)TMarks / (12 * 100) * 100
Percent = Math.Min(Percent, 100);
string formattedPercent = Percent.ToString("F2");
string Query = "INSERT INTO AcademicTbl (StName, Term, English, Nepali, Maths, Science,
Computer, Program, Network, Hardware, Tech, Software, TMarks, [Percent], Result) " +
"VALUES ('{0}','{1}','{2}','{3}','{4}','{5}','{6}','{7}','{8}','{9}','{10}','{11}','{12}','{13}','PASS')";
 Eng = MarkWithStarIfNeeded(Eng);
Nep = MarkWithStarIfNeeded(Nep);
Maths = MarkWithStarIfNeeded(Maths);
Science = MarkWithStarIfNeeded(Science);
Computer = MarkWithStarIfNeeded(Computer);
Program = MarkWithStarIfNeeded(Program);
Network = MarkWithStarIfNeeded(Network);
Hardware = MarkWithStarIfNeeded(Hardware);
Tech = MarkWithStarIfNeeded(Tech);
Software = MarkWithStarIfNeeded(Software);
UpdateResultAndGrade(StName);
Query = string.Format(Query, StName, Term, Eng, Nep, Maths, Science, Computer, Program,
Network, Hardware, Tech, Software, TMarks, formattedPercent);
Conn.SetData(Query);
}
ShowAcademics();
MessageBox.Show("Academic Data Added!");
Clear();
}
else
```

```
        {
MessageBox.Show("Invalid numeric input. Please enter valid numeric values for marks.");
        }
        }
catch (Exception ex)
        {
MessageBox.Show("An error occurred: " + ex.Message);
        }
        }
        }
private string MarkWithStarIfNeeded(string subjectMark)
        {
bool hasExistingStar = subjectMark.Contains("*");
string cleanedMark = subjectMark.Replace("*", "");
 if (int.TryParse(cleanedMark, out int markValue) && markValue < 40)
        {
return hasExistingStar ? subjectMark : subjectMark + "*";
        }
return subjectMark;
        }
private bool CheckSubjectMarks(params string[] subjectMarks)
        {
foreach (var mark in subjectMarks)
        {
if (int.TryParse(mark, out int markValue) && markValue < 40)
        {
return true;
        }
        }
return false;
        }
private bool IsValidNumericInput(params string[] values)
        {
foreach (var value in values)
        {
if (!string.IsNullOrEmpty(value) && !int.TryParse(value, out _))
        {
return false;
        }
        }
return true;
        }

private int CalculateTMarks(params string[] subjectMarks)
        {
int totalMarks = 0;
foreach (var mark in subjectMarks)
        {
if (int.TryParse(mark, out int markValue))
        {
totalMarks += markValue;
```

```csharp
}
}
return totalMarks;
}

private void UpdateBtn_Click(object sender, EventArgs e)
{
if (StNameCb.SelectedIndex == -1)
{
MessageBox.Show("Please select a student name to update.");
}
else
{
try
{
var StName = StNameCb.SelectedItem.ToString();
var Term = TermCb.SelectedItem.ToString();
string Eng = EngTb.Text;
string Nep = NepTb.Text;
string Maths = MathsTb.Text;
string Science = ScienceTb.Text;
string Computer = ComputerTb.Text;
string Program = ProgramTb.Text;
string Network = NetworkTb.Text;
string Hardware = HardwareTb.Text;
string Tech = TechTb.Text;
int TMarks = CalculateTMarks(Eng, Nep, Maths, Science, Computer, Program, Network,
Hardware, Tech, Software);
if (CheckSubjectMarks(Eng, Nep, Maths, Science, Computer, Program, Network, Hardware, Tech,
Software))
{
string Query = "UPDATE AcademicTbl SET Term = '{0}', English = '{1}', Nepali = '{2}', Maths =
'{3}', Science = '{4}', " +
"Computer = '{5}', Program = '{6}', Network = '{7}', Hardware = '{8}', Tech = '{9}', Software =
'{10}', " +
"TMarks = '{11}', [Percent] = NULL, Result = 'FAIL' WHERE StName = '{12}'";
Eng = MarkWithStarIfNeeded(Eng);
Nep = MarkWithStarIfNeeded(Nep);
Maths = MarkWithStarIfNeeded(Maths);
Science = MarkWithStarIfNeeded(Science);
Computer = MarkWithStarIfNeeded(Computer);
Program = MarkWithStarIfNeeded(Program);
Network = MarkWithStarIfNeeded(Network);
Hardware = MarkWithStarIfNeeded(Hardware);
Tech = MarkWithStarIfNeeded(Tech);
Software = MarkWithStarIfNeeded(Software);
UpdateResultAndGrade(StName);
Query = string.Format(Query, Term, Eng, Nep, Maths, Science, Computer, Program, Network,
Hardware, Tech, Software, TMarks, StName);
Conn.SetData(Query);
}
```

```
else
{
Calculate percentage only if all subject marks are 40 or moredouble Percent = (double)TMarks / (12
* 100) * 100;
Percent = Math.Min(Percent, 100);
string formattedPercent = Percent.ToString("F2");
string Query = "UPDATE AcademicTbl SET Term = '{0}', English = '{1}', Nepali = '{2}', Maths =
'{3}', Science = '{4}', " +
"Computer = '{5}', Program = '{6}', Network = '{7}', Hardware = '{8}', Tech = '{9}', Software =
'{10}', " +
"TMarks = '{11}', [Percent] = '{12}', Result = 'PASS' WHERE StName = '{13}'";
Eng = MarkWithStarIfNeeded(Eng);
Nep = MarkWithStarIfNeeded(Nep);
Maths = MarkWithStarIfNeeded(Maths);
Science = MarkWithStarIfNeeded(Science);
Computer = MarkWithStarIfNeeded(Computer);
Program = MarkWithStarIfNeeded(Program);
Network = MarkWithStarIfNeeded(Network);
Hardware = MarkWithStarIfNeeded(Hardware);
Tech = MarkWithStarIfNeeded(Tech);
Software = MarkWithStarIfNeeded(Software);
UpdateResultAndGrade(StName);
Query = string.Format(Query, Term, Eng, Nep, Maths, Science, Computer, Program, Network,
Hardware, Tech, Software, TMarks, formattedPercent, StName);
Conn.SetData(Query);
}

ShowAcademics();
UpdateStudentNames();
MessageBox.Show("Academic Data Updated!");
Clear();
}
catch (Exception ex)
{
MessageBox.Show("An error occurred: " + ex.Message);
}
}
}
private void UpdateResultAndGrade(string stName)
{
double passPercentage = 40.0;

string result = "PASS";
string grade = "";
if (CheckSubjectMarks(EngTb.Text, NepTb.Text, MathsTb.Text, ScienceTb.Text,
ComputerTb.Text, ProgramTb.Text, NetworkTb.Text, HardwareTb.Text, TechTb.Text,
SoftwareTb.Text))
{
result = "FAIL";
grade = "";
}
```

```
else
{
int totalMarks = CalculateTMarks(EngTb.Text, NepTb.Text, MathsTb.Text, ScienceTb.Text,
ComputerTb.Text, ProgramTb.Text, NetworkTb.Text, HardwareTb.Text, TechTb.Text,
SoftwareTb.Text);
 double percent = (double)totalMarks / (12 * 100) * 100; subject is
percent = Math.Min(percent, 100);
string formattedPercent = percent.ToString("F2");
result = percent < passPercentage || EngTb.Text.Contains("*") || NepTb.Text.Contains("*") ||
MathsTb.Text.Contains("*") || ScienceTb.Text.Contains("*") ||
ComputerTb.Text.Contains("*") || ProgramTb.Text.Contains("*") || NetworkTb.Text.Contains("*")
|| HardwareTb.Text.Contains("*") ||
TechTb.Text.Contains("*") || SoftwareTb.Text.Contains("*") ? "FAIL" : "PASS";
if (percent >= 90) grade = "A+";
else if (percent >= 80) grade = "A";
else if (percent >= 70) grade = "B+";
else if (percent >= 60) grade = "B";
else if (percent >= 50) grade = "C+";
else if (percent >= 40) grade = "C";
else grade = "F";
}
string query = "UPDATE AcademicTbl SET Result = '{0}', Grade = '{1}' WHERE StName =
'{2}'";
query = string.Format(query, result, grade, stName);
Conn.SetData(query);
}
private void UpdateStudentNames()
{
StNameCb.Items.Clear();
LoadStudentNames();
}
private void DeleteBtn_Click(object sender, EventArgs e)
{
if (StNameCb.SelectedIndex == -1)
{
MessageBox.Show("Please select a student name to delete.");
}
else
{
try
{
var StName = StNameCb.SelectedItem.ToString();
string Query = "DELETE FROM AcademicTbl WHERE StName = '{0}'";
Query = string.Format(Query, StName);
Conn.SetData(Query);

string resetIdentityQuery = "DBCC CHECKIDENT ('AcademicTbl', RESEED, 0)";
Conn.SetData(resetIdentityQuery);
UpdateStudentNames();
ShowAcademics();
MessageBox.Show("Academic Data for " + StName + " has been deleted.");
```

```csharp
Clear();
}
catch (Exception ex)
{
MessageBox.Show("An error occurred: " + ex.Message);
}
}
}
private void Acalist_CellContentClick(object sender, DataGridViewCellEventArgs e)
{
if (e.RowIndex >= 0 && e.RowIndex < Acalist.Rows.Count)
{
try
{
StNameCb.SelectedItem = Acalist.Rows[e.RowIndex].Cells[1].Value.ToString();
TermCb.SelectedItem = Acalist.Rows[e.RowIndex].Cells[2].Value.ToString();
EngTb.Text = Acalist.Rows[e.RowIndex].Cells[3].Value.ToString();
NepTb.Text = Acalist.Rows[e.RowIndex].Cells[4].Value.ToString();
MathsTb.Text = Acalist.Rows[e.RowIndex].Cells[5].Value.ToString();
ScienceTb.Text = Acalist.Rows[e.RowIndex].Cells[6].Value.ToString();
ComputerTb.Text = Acalist.Rows[e.RowIndex].Cells[7].Value.ToString();
ProgramTb.Text = Acalist.Rows[e.RowIndex].Cells[8].Value.ToString();
NetworkTb.Text = Acalist.Rows[e.RowIndex].Cells[9].Value.ToString();
HardwareTb.Text = Acalist.Rows[e.RowIndex].Cells[10].Value.ToString();
TechTb.Text = Acalist.Rows[e.RowIndex].Cells[11].Value.ToString();
SoftwareTb.Text = Acalist.Rows[e.RowIndex].Cells[12].Value.ToString();
}
catch (Exception ex)
{
MessageBox.Show("An error occurred: " + ex.Message);
}
}
}
private void Clear()
{
StNameCb.SelectedIndex = -1;
TermCb.SelectedIndex = -1;
EngTb.Text = "";
NepTb.Text = "";
MathsTb.Text = "";
ScienceTb.Text = "";
ComputerTb.Text = "";
ProgramTb.Text = "";
NetworkTb.Text = "";
HardwareTb.Text = "";
TechTb.Text = "";
SoftwareTb.Text = "";
}

private void NavigateToForm(Form form)
{
```

```
form.Show();
this.Close();
}
}
}
```

Academics.Designer.cs:

```
namespace Performance_Tracking_And_Mgmt_System
{
partial class lbl
{
private System.ComponentModel.IContainer components = null;
protected override void Dispose(bool disposing)
{
if (disposing && (components != null))
{
components.Dispose();
}
base.Dispose(disposing);
}

private void InitializeComponent()
{
System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(lbl));
label8 = new Label();
Dashboard = new Label();
StudentLbl = new Label();
pictureBox6 = new PictureBox();
pictureBox5 = new PictureBox();
label1 = new Label();
clb = new PictureBox();
pictureBox1 = new PictureBox();
panel1 = new Panel();
Acalist = new DataGridView();
panel2 = new Panel();
TermCb = new ComboBox();
StNameCb = new ComboBox();
EngTb = new TextBox();
DeleteBtn = new Button();
AddBtn1 = new Button();
label18 = new Label();
UpdateBtn = new Button();
label17 = new Label();
HardwareTb = new TextBox();
label16 = new Label();
NepTb = new TextBox();
label14 = new Label();
ScienceTb = new TextBox();
label13 = new Label();
NetworkTb = new TextBox();
```

```
label12 = new Label();
MathsTb = new TextBox();
label6 = new Label();
ComputerTb = new TextBox();
label5 = new Label();
SoftwareTb = new TextBox();
label3 = new Label();
TechTb = new TextBox();
label2 = new Label();
label7 = new Label();
pictureBox2 = new PictureBox();
ProgramTb = new TextBox();
label4 = new Label();
panel9 = new Panel();
Lbl19 = new Label();
pictureBox10 = new PictureBox();
panel10 = new Panel();
panel3 = new Panel();
label9 = new Label();
pictureBox4 = new PictureBox();
panel4 = new Panel();
panel15 = new Panel();
label22 = new Label();
pictureBox13 = new PictureBox();
panel16 = new Panel();
((System.ComponentModel.ISupportInitialize)pictureBox6).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox5).BeginInit();
((System.ComponentModel.ISupportInitialize)clb).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox1).BeginInit();
panel1.SuspendLayout();
((System.ComponentModel.ISupportInitialize)Acalist).BeginInit();
panel2.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox2).BeginInit();
panel9.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox10).BeginInit();
panel3.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox4).BeginInit();
panel15.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox13).BeginInit();
SuspendLayout();
label8.AutoSize = true;
label8.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label8.ForeColor = Color.DarkGoldenrod;
label8.Location = new Point(58, 137);
label8.Name = "label8";
label8.Size = new Size(118, 27);
label8.TabIndex = 34;
label8.Text = "Academics";
Dashboard.AutoSize = true;
Dashboard.BackColor = Color.Transparent;
Dashboard.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
```

```
Dashboard.ForeColor = Color.Blue;
Dashboard.Location = new Point(42, 455);
Dashboard.Name = "Dashboard";
Dashboard.Size = new Size(122, 27);
Dashboard.TabIndex = 35;
Dashboard.Text = " Dashboard";
Dashboard.Click += Dashboard_Click_1;
StudentLbl.AutoSize = true;
StudentLbl.BackColor = Color.Transparent;
StudentLbl.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular,
GraphicsUnit.Point);
StudentLbl.ForeColor = Color.Blue;
StudentLbl.Location = new Point(59, 313);
StudentLbl.Name = "StudentLbl";
StudentLbl.Size = new Size(162, 27);
StudentLbl.TabIndex = 37;
StudentLbl.Text = "Student Detail's";
StudentLbl.Click += StudentLbl_Click;
pictureBox6.Image = (Image)resources.GetObject("pictureBox6.Image");
pictureBox6.ImageLocation = "";
pictureBox6.Location = new Point(10, 304);
pictureBox6.Margin = new Padding(3, 4, 3, 4);
pictureBox6.Name = "pictureBox6";
pictureBox6.Size = new Size(37, 37);
pictureBox6.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox6.TabIndex = 38;
pictureBox6.TabStop = false;
pictureBox5.Image = (Image)resources.GetObject("pictureBox5.Image");
pictureBox5.ImageLocation = "";
pictureBox5.Location = new Point(5, 445);
pictureBox5.Margin = new Padding(3, 4, 3, 4);
pictureBox5.Name = "pictureBox5";
pictureBox5.Size = new Size(37, 37);
pictureBox5.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox5.TabIndex = 36;
pictureBox5.TabStop = false;
label1.AutoSize = true;
label1.BackColor = Color.Transparent;
label1.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label1.ForeColor = SystemColors.HotTrack;
label1.Location = new Point(678, 16);
label1.Name = "label1";
label1.Size = new Size(118, 27);
label1.TabIndex = 0;
label1.Text = "Academics";
clb.Image = (Image)resources.GetObject("clb.Image");
clb.ImageLocation = "";
clb.Location = new Point(1477, 4);
clb.Margin = new Padding(3, 4, 3, 4);
clb.Name = "clb";
clb.Size = new Size(42, 41);
```

```
clb.SizeMode = PictureBoxSizeMode.Zoom;
clb.TabIndex = 3;
clb.TabStop = false;
clb.Click += clb_Click;
pictureBox1.Image = (Image)resources.GetObject("pictureBox1.Image");
pictureBox1.ImageLocation = "";
pictureBox1.Location = new Point(58, 16);
pictureBox1.Margin = new Padding(3, 4, 3, 4);
pictureBox1.Name = "pictureBox1";
pictureBox1.Size = new Size(106, 100);
pictureBox1.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox1.TabIndex = 33;
pictureBox1.TabStop = false;
panel1.BackColor = Color.WhiteSmoke;
panel1.Controls.Add(Acalist);
panel1.Controls.Add(clb);
panel1.Controls.Add(panel2);
panel1.Controls.Add(label1);
panel1.Dock = DockStyle.Right;
panel1.Location = new Point(242, 0);
panel1.Margin = new Padding(3, 4, 3, 4);
panel1.Name = "panel1";
panel1.Size = new Size(1536, 1081);
panel1.TabIndex = 31;
Acalist.ColumnHeadersHeightSizeMode =
DataGridViewColumnHeadersHeightSizeMode.AutoSize;
Acalist.Location = new Point(16, 483);
Acalist.Name = "Acalist";
Acalist.RowHeadersWidth = 51;
Acalist.RowTemplate.Height = 29;
Acalist.Size = new Size(1493, 594);
Acalist.TabIndex = 4;
Acalist.CellContentClick += Acalist_CellContentClick;
panel2.BackColor = Color.White;
panel2.Controls.Add(TermCb);
panel2.Controls.Add(StNameCb);
panel2.Controls.Add(EngTb);
panel2.Controls.Add(DeleteBtn);
panel2.Controls.Add(AddBtn1);
panel2.Controls.Add(label18);
panel2.Controls.Add(UpdateBtn);
panel2.Controls.Add(label17);
panel2.Controls.Add(HardwareTb);
panel2.Controls.Add(label16);
panel2.Controls.Add(NepTb);
panel2.Controls.Add(label14);
panel2.Controls.Add(ScienceTb);
panel2.Controls.Add(label13);
panel2.Controls.Add(NetworkTb);
panel2.Controls.Add(label12);
panel2.Controls.Add(MathsTb);
```

```
panel2.Controls.Add(label6);
panel2.Controls.Add(ComputerTb);
panel2.Controls.Add(label5);
panel2.Controls.Add(SoftwareTb);
panel2.Controls.Add(label3);
panel2.Controls.Add(TechTb);
panel2.Controls.Add(label2);
panel2.Controls.Add(label7);
panel2.Controls.Add(pictureBox2);
panel2.Controls.Add(ProgramTb);
panel2.Controls.Add(label4);
panel2.Location = new Point(16, 68);
panel2.Margin = new Padding(3, 4, 3, 4);
panel2.Name = "panel2";
panel2.Size = new Size(1493, 397);
panel2.TabIndex = 1;
TermCb.FormattingEnabled = true;
TermCb.Items.AddRange(new object[] { "1st", "2nd", "3rd" });
TermCb.Location = new Point(179, 182);
TermCb.Name = "TermCb";
TermCb.Size = new Size(142, 28);
TermCb.TabIndex = 56;
StNameCb.FormattingEnabled = true;
StNameCb.Location = new Point(31, 183);
StNameCb.Name = "StNameCb";
StNameCb.Size = new Size(142, 28);
StNameCb.TabIndex = 55;
EngTb.Location = new Point(327, 183);
EngTb.Margin = new Padding(3, 4, 3, 4);
EngTb.Name = "EngTb";
EngTb.Size = new Size(142, 27);
EngTb.TabIndex = 52;
DeleteBtn.BackColor = Color.SaddleBrown;
DeleteBtn.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
DeleteBtn.ForeColor = Color.Black;
DeleteBtn.Location = new Point(1200, 339);
DeleteBtn.Margin = new Padding(3, 8, 3, 16);
DeleteBtn.Name = "DeleteBtn";
DeleteBtn.Size = new Size(96, 44);
DeleteBtn.TabIndex = 25;
DeleteBtn.Text = "Delete";
DeleteBtn.UseVisualStyleBackColor = false;
DeleteBtn.Click += DeleteBtn_Click;
AddBtn1.BackColor = Color.DarkOrange;
AddBtn1.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
AddBtn1.ForeColor = Color.SeaShell;
AddBtn1.Location = new Point(46, 339);
AddBtn1.Margin = new Padding(3, 8, 3, 16);
AddBtn1.Name = "AddBtn1";
AddBtn1.Size = new Size(96, 44);
AddBtn1.TabIndex = 22;
```

```
AddBtn1.Text = "Add";
AddBtn1.UseVisualStyleBackColor = false;
AddBtn1.Click += AddBtn1_Click;
label18.AutoSize = true;
label18.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label18.ForeColor = Color.DarkGoldenrod;
label18.Location = new Point(496, 217);
label18.Name = "label18";
label18.Size = new Size(112, 37);
label18.TabIndex = 49;
label18.Text = "Software";
UpdateBtn.BackColor = Color.SandyBrown;
UpdateBtn.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
UpdateBtn.ForeColor = Color.PeachPuff;
UpdateBtn.Location = new Point(592, 339);
UpdateBtn.Margin = new Padding(3, 8, 3, 16);
UpdateBtn.Name = "UpdateBtn";
UpdateBtn.Size = new Size(109, 44);
UpdateBtn.TabIndex = 24;
UpdateBtn.Text = "Update";
UpdateBtn.UseVisualStyleBackColor = false;
UpdateBtn.Click += UpdateBtn_Click;
label17.AutoSize = true;
label17.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label17.ForeColor = Color.DarkGoldenrod;
label17.Location = new Point(343, 217);
label17.Name = "label17";
label17.Size = new Size(144, 37);
label17.TabIndex = 47;
label17.Text = "Technology";
HardwareTb.Location = new Point(177, 263);
HardwareTb.Margin = new Padding(3, 4, 3, 4);
HardwareTb.Name = "HardwareTb";
HardwareTb.Size = new Size(142, 27);
HardwareTb.TabIndex = 46;
label16.AutoSize = true;
label16.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label16.ForeColor = Color.DarkGoldenrod;
label16.Location = new Point(496, 139);
label16.Name = "label16";
label16.Size = new Size(88, 37);
label16.TabIndex = 45;
label16.Text = "Nepali";
NepTb.Location = new Point(479, 183);
NepTb.Margin = new Padding(3, 4, 3, 4);
NepTb.Name = "NepTb";
NepTb.Size = new Size(142, 27);
NepTb.TabIndex = 44;
label14.AutoSize = true;
label14.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label14.ForeColor = Color.DarkGoldenrod;
```

```
label14.Location = new Point(662, 139);
label14.Name = "label14";
label14.Size = new Size(81, 37);
label14.TabIndex = 43;
label14.Text = "Maths";
ScienceTb.Location = new Point(778, 183);
ScienceTb.Margin = new Padding(3, 4, 3, 4);
ScienceTb.Name = "ScienceTb";
ScienceTb.Size = new Size(142, 27);
ScienceTb.TabIndex = 42;
label13.AutoSize = true;
label13.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label13.ForeColor = Color.DarkGoldenrod;
label13.Location = new Point(800, 139);
label13.Name = "label13";
label13.Size = new Size(104, 37);
label13.TabIndex = 41;
label13.Text = "Science";
NetworkTb.Location = new Point(27, 263);
NetworkTb.Margin = new Padding(3, 4, 3, 4);
NetworkTb.Name = "NetworkTb";
NetworkTb.Size = new Size(142, 27);
NetworkTb.TabIndex = 40;
label12.AutoSize = true;
label12.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label12.ForeColor = Color.DarkGoldenrod;
label12.Location = new Point(942, 140);
label12.Name = "label12";
label12.Size = new Size(123, 37);
label12.TabIndex = 39;
label12.Text = "Computer";
MathsTb.Location = new Point(629, 183);
MathsTb.Margin = new Padding(3, 4, 3, 4);
MathsTb.Name = "MathsTb";
MathsTb.Size = new Size(142, 27);
MathsTb.TabIndex = 38;
label6.AutoSize = true;
label6.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label6.ForeColor = Color.DarkGoldenrod;
label6.Location = new Point(1067, 139);
label6.Name = "label6";
label6.Size = new Size(301, 37);
label6.TabIndex = 37;
label6.Text = "Programming(C,C++,C# etc.)";
ComputerTb.Location = new Point(928, 183);
ComputerTb.Margin = new Padding(3, 4, 3, 4);
ComputerTb.Name = "ComputerTb";
ComputerTb.Size = new Size(142, 27);
ComputerTb.TabIndex = 36;
label5.AutoSize = true;
label5.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
```

label5.ForeColor = Color.DarkGoldenrod;
label5.Location = new Point(193, 217);
label5.Name = "label5";
label5.Size = new Size(122, 37);
label5.TabIndex = 35;
label5.Text = "Hardware";
SoftwareTb.Location = new Point(479, 263);
SoftwareTb.Margin = new Padding(3, 4, 3, 4);
SoftwareTb.Name = "SoftwareTb";
SoftwareTb.Size = new Size(142, 27);
SoftwareTb.TabIndex = 34;
label3.AutoSize = true;
label3.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label3.ForeColor = Color.DarkGoldenrod;
label3.Location = new Point(46, 217);
label3.Name = "label3";
label3.Size = new Size(140, 37);
label3.TabIndex = 33;
label3.Text = "Networking";
TechTb.Location = new Point(327, 263);
TechTb.Margin = new Padding(3, 4, 3, 4);
TechTb.Name = "TechTb";
TechTb.Size = new Size(142, 27);
TechTb.TabIndex = 32;
label2.AutoSize = true;
label2.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label2.ForeColor = Color.DarkGoldenrod;
label2.Location = new Point(343, 140);
label2.Name = "label2";
label2.Size = new Size(97, 37);
label2.TabIndex = 31;
label2.Text = "English";
label7.AutoSize = true;
label7.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label7.ForeColor = Color.DarkGoldenrod;
label7.Location = new Point(46, 140);
label7.Name = "label7";
label7.Size = new Size(104, 37);
label7.TabIndex = 29;
label7.Text = "StName";
pictureBox2.Image = (Image)resources.GetObject("pictureBox2.Image");
pictureBox2.ImageLocation = "";
pictureBox2.Location = new Point(662, 4);
pictureBox2.Margin = new Padding(3, 4, 3, 4);
pictureBox2.Name = "pictureBox2";
pictureBox2.Size = new Size(106, 100);
pictureBox2.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox2.TabIndex = 21;
pictureBox2.TabStop = false;
ProgramTb.Location = new Point(1078, 180);
ProgramTb.Margin = new Padding(3, 4, 3, 4);

```
ProgramTb.Multiline = true;
ProgramTb.Name = "ProgramTb";
ProgramTb.Size = new Size(139, 30);
ProgramTb.TabIndex = 17;
label4.AutoSize = true;
label4.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label4.ForeColor = Color.DarkGoldenrod;
label4.Location = new Point(177, 142);
label4.Name = "label4";
label4.Size = new Size(125, 37);
label4.TabIndex = 9;
label4.Text = "Terminals";
panel9.BackColor = Color.Moccasin;
panel9.Controls.Add(Lbl19);
panel9.Controls.Add(pictureBox10);
panel9.Controls.Add(panel10);
panel9.Location = new Point(5, 371);
panel9.Margin = new Padding(3, 4, 3, 4);
panel9.Name = "panel9";
panel9.Size = new Size(231, 45);
panel9.TabIndex = 32;
Lbl19.AutoSize = true;
Lbl19.BackColor = Color.Transparent;
Lbl19.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
Lbl19.ForeColor = Color.Blue;
Lbl19.Location = new Point(48, 13);
Lbl19.Name = "Lbl19";
Lbl19.Size = new Size(118, 27);
Lbl19.TabIndex = 5;
Lbl19.Text = "Academics";
pictureBox10.Image = (Image)resources.GetObject("pictureBox10.Image");
pictureBox10.ImageLocation = "";
pictureBox10.Location = new Point(5, 4);
pictureBox10.Margin = new Padding(3, 4, 3, 4);
pictureBox10.Name = "pictureBox10";
pictureBox10.Size = new Size(37, 37);
pictureBox10.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox10.TabIndex = 24;
pictureBox10.TabStop = false;
panel10.BackColor = Color.Orange;
panel10.Location = new Point(216, 1);
panel10.Margin = new Padding(3, 4, 3, 4);
panel10.Name = "panel10";
panel10.Size = new Size(15, 44);
panel10.TabIndex = 4;
panel3.BackColor = Color.Moccasin;
panel3.Controls.Add(label9);
panel3.Controls.Add(pictureBox4);
panel3.Controls.Add(panel4);
panel3.Location = new Point(17, 1117);
panel3.Margin = new Padding(3, 4, 3, 4);
```

```
panel3.Name = "panel3";
panel3.Size = new Size(186, 45);
panel3.TabIndex = 41;
label9.AutoSize = true;
label9.BackColor = Color.Transparent;
label9.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label9.ForeColor = Color.Blue;
label9.Location = new Point(48, 13);
label9.Name = "label9";
label9.Size = new Size(81, 27);
label9.TabIndex = 5;
label9.Text = "Logout";
pictureBox4.Image = (Image)resources.GetObject("pictureBox4.Image");
pictureBox4.ImageLocation = "";
pictureBox4.Location = new Point(5, 4);
pictureBox4.Margin = new Padding(3, 4, 3, 4);
pictureBox4.Name = "pictureBox4";
pictureBox4.Size = new Size(37, 37);
pictureBox4.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox4.TabIndex = 24;
pictureBox4.TabStop = false;
panel4.BackColor = Color.Orange;
panel4.Location = new Point(171, 1);
panel4.Margin = new Padding(3, 4, 3, 4);
panel4.Name = "panel4";
panel4.Size = new Size(15, 44);
panel4.TabIndex = 4;
panel15.BackColor = Color.Moccasin;
panel15.Controls.Add(label22);
panel15.Controls.Add(pictureBox13);
panel15.Controls.Add(panel16);
panel15.Location = new Point(22, 996);
panel15.Margin = new Padding(3, 4, 3, 4);
panel15.Name = "panel15";
panel15.Size = new Size(186, 45);
panel15.TabIndex = 62;
label22.AutoSize = true;
label22.BackColor = Color.Transparent;
label22.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label22.ForeColor = Color.Blue;
label22.Location = new Point(48, 13);
label22.Name = "label22";
label22.Size = new Size(81, 27);
label22.TabIndex = 5;
label22.Text = "Logout";
label22.Click += label22_Click;
pictureBox13.Image = (Image)resources.GetObject("pictureBox13.Image");
pictureBox13.ImageLocation = "";
pictureBox13.Location = new Point(5, 4);
pictureBox13.Margin = new Padding(3, 4, 3, 4);
pictureBox13.Name = "pictureBox13";
```

```
pictureBox13.Size = new Size(37, 37);
pictureBox13.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox13.TabIndex = 24;
pictureBox13.TabStop = false;
panel16.BackColor = Color.Orange;
panel16.Location = new Point(171, 1);
panel16.Margin = new Padding(3, 4, 3, 4);
panel16.Name = "panel16";
panel16.Size = new Size(15, 44);
panel16.TabIndex = 4;
AutoScaleDimensions = new SizeF(8F, 20F);
AutoScaleMode = AutoScaleMode.Font;
BackColor = Color.White;
ClientSize = new Size(1778, 1081);
Controls.Add(panel15);
Controls.Add(panel3);
Controls.Add(label8);
Controls.Add(Dashboard);
Controls.Add(StudentLbl);
Controls.Add(pictureBox6);
Controls.Add(panel9);
Controls.Add(pictureBox5);
Controls.Add(pictureBox1);
Controls.Add(panel1);
FormBorderStyle = FormBorderStyle.None;
Margin = new Padding(3, 4, 3, 4);
Name = "lbl";
StartPosition = FormStartPosition.CenterScreen;
Text = "Academics";
((System.ComponentModel.ISupportInitialize)pictureBox6).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox5).EndInit();
((System.ComponentModel.ISupportInitialize)clb).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox1).EndInit();
panel1.ResumeLayout(false);
panel1.PerformLayout();
((System.ComponentModel.ISupportInitialize)Acalist).EndInit();
panel2.ResumeLayout(false);
panel2.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox2).EndInit();
panel9.ResumeLayout(false);
panel9.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox10).EndInit();
panel3.ResumeLayout(false);
panel3.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox4).EndInit();
panel15.ResumeLayout(false);
panel15.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox13).EndInit();
ResumeLayout(false);
PerformLayout();
}
```

```
#endregion

private Label label8;
private Label Dashboard;
private Label StudentLbl;
private PictureBox pictureBox6;
private PictureBox pictureBox5;
private Label label1;
private PictureBox clb;
private PictureBox pictureBox1;
private Panel panel1;
private Panel panel9;
private Label Lbl19;
private PictureBox pictureBox10;
private Panel panel10;
private Panel panel3;
private Label label9;
private PictureBox pictureBox4;
private Panel panel4;
private Panel panel2;
private TextBox EngTb;
private Button DeleteBtn;
private Button AddBtn1;
private Label label18;
private Button UpdateBtn;
private Label label17;
private TextBox HardwareTb;
private Label label16;
private TextBox NepTb;
private Label label14;
private TextBox ScienceTb;
private Label label13;
private TextBox NetworkTb;
private Label label12;
private TextBox MathsTb;
private Label label6;
private TextBox ComputerTb;
private Label label5;
private TextBox SoftwareTb;
private Label label3;
private TextBox TechTb;
private Label label2;
private Label label7;
private PictureBox pictureBox2;
private TextBox ProgramTb;
private Label label4;
private Panel panel15;
```

```
private Label label22;
private PictureBox pictureBox13;
private Panel panel16;
private ComboBox StNameCb;
private DataGridView Acalist;
private ComboBox TermCb;
}
}

HOME Designer:
namespace Transportation_management_system
{
partial class HOME
{

private System.ComponentModel.IContainer components = null;

protected override void Dispose(bool disposing)
{
if (disposing && (components != null))
{
components.Dispose();
}
base.Dispose(disposing);
}
#region Windows Form Designer generated code


private void InitializeComponent()
{
System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(HOME));
this.pictureBox1 = new System.Windows.Forms.PictureBox();
this.panel1 = new System.Windows.Forms.Panel();
this.label9 = new System.Windows.Forms.Label();
this.label1 = new System.Windows.Forms.Label();
this.pictureBox2 = new System.Windows.Forms.PictureBox();
this.pictureBox3 = new System.Windows.Forms.PictureBox();
this.pictureBox4 = new System.Windows.Forms.PictureBox();
this.label2 = new System.Windows.Forms.Label();
this.label3 = new System.Windows.Forms.Label();
this.label4 = new System.Windows.Forms.Label();
this.label5 = new System.Windows.Forms.Label();
this.label6 = new System.Windows.Forms.Label();
this.label7 = new System.Windows.Forms.Label();
this.pictureBox5 = new System.Windows.Forms.PictureBox();
((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).BeginInit();
this.panel1.SuspendLayout();
((System.ComponentModel.ISupportInitialize)(this.pictureBox2)).BeginInit();
((System.ComponentModel.ISupportInitialize)(this.pictureBox3)).BeginInit();
((System.ComponentModel.ISupportInitialize)(this.pictureBox4)).BeginInit();
```

```
((System.ComponentModel.ISupportInitialize)(this.pictureBox5)).BeginInit();
this.SuspendLayout();
this.pictureBox1.Image = ((System.Drawing.Image)(resources.GetObject("pictureBox1.Image")));
this.pictureBox1.Location = new System.Drawing.Point(63, 142);
this.pictureBox1.Name = "pictureBox1";
this.pictureBox1.Size = new System.Drawing.Size(68, 67);
this.pictureBox1.SizeMode = System.Windows.Forms.PictureBoxSizeMode.Zoom;
this.pictureBox1.TabIndex = 1;
this.pictureBox1.TabStop = false;
this.pictureBox1.Click += new System.EventHandler(this.pictureBox1_Click);
this.pictureBox1.MouseDoubleClick += new
System.Windows.Forms.MouseEventHandler(this.pictureBox1_MouseDoubleClick);
this.panel1.BackColor = System.Drawing.Color.Blue;
this.panel1.Controls.Add(this.label9);
this.panel1.Controls.Add(this.label1);
this.panel1.Location = new System.Drawing.Point(0, -2);
this.panel1.Name = "panel1";
this.panel1.Size = new System.Drawing.Size(788, 86);
this.panel1.TabIndex = 2;
this.label9.AutoSize = true;
this.label9.BackColor = System.Drawing.Color.Red;
this.label9.Font = new System.Drawing.Font("Microsoft Sans Serif", 12F,
System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label9.Location = new System.Drawing.Point(759, 0);
this.label9.Name = "label9";
this.label9.Size = new System.Drawing.Size(16, 20);
this.label9.TabIndex = 2;
this.label9.Text = "x";
this.label9.Click += new System.EventHandler(this.label9_Click);
this.label1.AutoSize = true;
this.label1.BackColor = System.Drawing.Color.Blue;
this.label1.Font = new System.Drawing.Font("Segoe UI", 15.75F, System.Drawing.FontStyle.Bold,
System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label1.ForeColor = System.Drawing.Color.White;
this.label1.Location = new System.Drawing.Point(133, 28);
this.label1.Name = "label1";
this.label1.Size = new System.Drawing.Size(448, 30);
this.label1.TabIndex = 0;
this.label1.Text = "TRANSPORTATION MANAGEMENT SYSTEM";
this.pictureBox2.Image = ((System.Drawing.Image)(resources.GetObject("pictureBox2.Image")));
this.pictureBox2.Location = new System.Drawing.Point(193, 142);
this.pictureBox2.Name = "pictureBox2";
this.pictureBox2.Size = new System.Drawing.Size(68, 67);
this.pictureBox2.SizeMode = System.Windows.Forms.PictureBoxSizeMode.Zoom;
this.pictureBox2.TabIndex = 3;
this.pictureBox2.TabStop = false;
this.pictureBox2.Click += new System.EventHandler(this.pictureBox2_Click);
this.pictureBox2.MouseClick += new
System.Windows.Forms.MouseEventHandler(this.pictureBox2_MouseClick);
this.pictureBox2.MouseDoubleClick += new
`System.Windows.Forms.MouseEventHandler(this.pictureBox2_MouseDoubleClick);
```

```
this.pictureBox3.Image = ((System.Drawing.Image)(resources.GetObject("pictureBox3.Image")));
this.pictureBox3.Location = new System.Drawing.Point(330, 142);
this.pictureBox3.Name = "pictureBox3";
this.pictureBox3.Size = new System.Drawing.Size(68, 67);
this.pictureBox3.SizeMode = System.Windows.Forms.PictureBoxSizeMode.Zoom;
this.pictureBox3.TabIndex = 4;
this.pictureBox3.TabStop = false;
this.pictureBox3.Click += new System.EventHandler(this.pictureBox3_Click);
this.pictureBox4.Image = ((System.Drawing.Image)(resources.GetObject("pictureBox4.Image")));
this.pictureBox4.Location = new System.Drawing.Point(461, 142);
this.pictureBox4.Name = "pictureBox4";
this.pictureBox4.Size = new System.Drawing.Size(68, 67);
this.pictureBox4.SizeMode = System.Windows.Forms.PictureBoxSizeMode.Zoom;
this.pictureBox4.TabIndex = 5;
this.pictureBox4.TabStop = false;
this.pictureBox4.Click += new System.EventHandler(this.pictureBox4_Click);
this.label2.AutoSize = true;
this.label2.Font = new System.Drawing.Font("Segoe UI Semibold", 12F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label2.ForeColor = System.Drawing.Color.Black;
this.label2.Location = new System.Drawing.Point(76, 212);
this.label2.Name = "label2";
this.label2.Size = new System.Drawing.Size(43, 21);
this.label2.TabIndex = 7;
this.label2.Text = "User";
this.label3.AutoSize = true;
this.label3.Font = new System.Drawing.Font("Segoe UI Semibold", 12F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label3.ForeColor = System.Drawing.Color.Black;
this.label3.Location = new System.Drawing.Point(197, 212);
this.label3.Name = "label3";
this.label3.Size = new System.Drawing.Size(64, 21);
this.label3.TabIndex = 8;
this.label3.Text = "License";
this.label3.Click += new System.EventHandler(this.label3_Click);
this.label4.AutoSize = true;
this.label4.Font = new System.Drawing.Font("Segoe UI Semibold", 12F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label4.ForeColor = System.Drawing.Color.Black;
this.label4.Location = new System.Drawing.Point(346, 230);
this.label4.Name = "label4";
this.label4.Size = new System.Drawing.Size(0, 21);
this.label4.TabIndex = 9;
this.label5.AutoSize = true;
this.label5.Font = new System.Drawing.Font("Segoe UI Semibold", 12F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label5.ForeColor = System.Drawing.Color.Black;
this.label5.Location = new System.Drawing.Point(470, 212);
this.label5.Name = "label5";
this.label5.Size = new System.Drawing.Size(59, 21);
this.label5.TabIndex = 10;
```

```
this.label5.Text = "Renew";
this.label5.Click += new System.EventHandler(this.label5_Click);
this.label6.AutoSize = true;
this.label6.Font = new System.Drawing.Font("Segoe UI Semibold", 12F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label6.ForeColor = System.Drawing.Color.Black;
this.label6.Location = new System.Drawing.Point(585, 212);
this.label6.Name = "label6";
this.label6.Size = new System.Drawing.Size(99, 21);
this.label6.TabIndex = 11;
this.label6.Text = "Registration";
this.label6.Click += new System.EventHandler(this.label6_Click);
this.label7.AutoSize = true;
this.label7.Font = new System.Drawing.Font("Segoe UI Semibold", 12F,
System.Drawing.FontStyle.Bold, System.Drawing.GraphicsUnit.Point, ((byte)(0)));
this.label7.ForeColor = System.Drawing.Color.Black;
this.label7.Location = new System.Drawing.Point(341, 212);
this.label7.Name = "label7";
this.label7.Size = new System.Drawing.Size(57, 21);
this.label7.TabIndex = 12;
this.label7.Text = "Permit";
this.label7.Click += new System.EventHandler(this.label7_Click);
this.pictureBox5.Image = ((System.Drawing.Image)(resources.GetObject("pictureBox5.Image")));
this.pictureBox5.Location = new System.Drawing.Point(589, 142);
this.pictureBox5.Name = "pictureBox5";
this.pictureBox5.Size = new System.Drawing.Size(73, 67);
this.pictureBox5.SizeMode = System.Windows.Forms.PictureBoxSizeMode.Zoom;
this.pictureBox5.TabIndex = 13;
this.pictureBox5.TabStop = false;
this.pictureBox5.Click += new System.EventHandler(this.pictureBox5_Click);
this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
this.BackColor = System.Drawing.Color.Yellow;
this.ClientSize = new System.Drawing.Size(790, 364);
this.Controls.Add(this.pictureBox5);
this.Controls.Add(this.label7);
this.Controls.Add(this.label6);
this.Controls.Add(this.label5);
this.Controls.Add(this.label4);
this.Controls.Add(this.label3);
this.Controls.Add(this.label2);
this.Controls.Add(this.pictureBox4);
this.Controls.Add(this.pictureBox3);
this.Controls.Add(this.pictureBox2);
this.Controls.Add(this.panel1);
this.Controls.Add(this.pictureBox1);
this.FormBorderStyle = System.Windows.Forms.FormBorderStyle.None;
this.Name = "HOME";
this.Text = "-------------------------------------------***************";
this.MouseClick += new System.Windows.Forms.MouseEventHandler(this.HOME_MouseClick);0
((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).EndInit();
```

```
this.panel1.ResumeLayout(false);
this.panel1.PerformLayout();
((System.ComponentModel.ISupportInitialize)(this.pictureBox2)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.pictureBox3)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.pictureBox4)).EndInit();
((System.ComponentModel.ISupportInitialize)(this.pictureBox5)).EndInit();
this.ResumeLayout(false);
this.PerformLayout();
}
#endregion
private System.Windows.Forms.PictureBox pictureBox1;
private System.Windows.Forms.Panel panel1;
private System.Windows.Forms.Label label1;
private System.Windows.Forms.PictureBox pictureBox2;
private System.Windows.Forms.PictureBox pictureBox3;
private System.Windows.Forms.PictureBox pictureBox4;
private System.Windows.Forms.Label label2;
private System.Windows.Forms.Label label3;
private System.Windows.Forms.Label label4;
private System.Windows.Forms.Label label5;
private System.Windows.Forms.Label label6;
private System.Windows.Forms.Label label7;
private System.Windows.Forms.PictureBox pictureBox5;
private System.Windows.Forms.Label label9;
}
}
```

Student.cs

```
using System;
using System.Data;
using System.Windows.Forms;

namespace Performance_Tracking_And_Mgmt_System
{
public partial class Student : Form
{
Functions Conn;

public Student()
{
InitializeComponent();
Conn = new Functions();
ShowStudents();
}

private void ShowStudents()
{
string Query = "SELECT * FROM StudentTbl";
Studentslis.DataSource = Conn.GetData(Query);
}

private void Clear()
```

```csharp
{
StNameTb.Text = "";
Cllcb.SelectedIndex = -1;
StPhoneTb.Text = "";
StParentTb.Text = "";
StAddTb.Text = "";
GenCb.SelectedIndex = -1;
}
private void AddBtn_Click(object sender, EventArgs e)
{
if (StNameTb.Text == "" || Cllcb.SelectedIndex == -1 || StPhoneTb.Text == "" || StParentTb.Text
== "" || StAddTb.Text == "" || GenCb.SelectedIndex == -1)
{
MessageBox.Show("You missed a field!");
}
else
{
try
{
string TName = StNameTb.Text;
var SelectedClass = Cllcb.SelectedItem.ToString();
var Gender = GenCb.SelectedItem.ToString();
string Phone = StPhoneTb.Text;
string Parent = StParentTb.Text;
string Address = StAddTb.Text;

string Query = "INSERT INTO StudentTbl VALUES('{0}','{1}','{2}', '{3}','{4}', '{5}')";
Query = string.Format(Query, TName, SelectedClass, Gender, Phone, Parent, Address);

Conn.SetData(Query);
ShowStudents();
MessageBox.Show("Student Added!");
Clear();
}
catch (Exception Ex)
{
MessageBox.Show(Ex.Message);
}
}
}
private void CloseBtn_Click(object sender, EventArgs e)
{
Login Obj = new Login();
Obj.Show();
this.Close();
}
private void AcademicLbl_Click(object sender, EventArgs e)
{
lbl obj = new lbl();
obj.Show();
this.Close();
```

```csharp
}
private void DashboardLbl_Click(object sender, EventArgs e)
{
Dashboard Obj = new Dashboard();
Obj.Show();
this.Close();
}

private void Log_Click(object sender, EventArgs e)
{
Login Obj = new Login();
Obj.Show();
this.Close();
}

int Key;

private void Studentslis_CellContentClick(object sender, DataGridViewCellEventArgs e)
{
if (e.RowIndex >= 0 && e.RowIndex < Studentslis.Rows.Count)
{
try
{
StNameTb.Text = Studentslis.Rows[e.RowIndex].Cells[1].Value.ToString();
Cllcb.SelectedItem = Studentslis.Rows[e.RowIndex].Cells[2].Value.ToString();
GenCb.SelectedItem = Studentslis.Rows[e.RowIndex].Cells[3].Value.ToString();
StPhoneTb.Text = Studentslis.Rows[e.RowIndex].Cells[4].Value.ToString();
StParentTb.Text = Studentslis.Rows[e.RowIndex].Cells[5].Value.ToString();
StAddTb.Text = Studentslis.Rows[e.RowIndex].Cells[6].Value.ToString();
if (StNameTb.Text == "")
{
Key = 0;
}
else
{
Key = Convert.ToInt32(Studentslis.Rows[e.RowIndex].Cells[0].Value.ToString());
}
}
catch (Exception ex)
{
MessageBox.Show("An error occurred: " + ex.Message);
}
}
}

private void UpdateBtn_Click(object sender, EventArgs e)
{
if (Key == 0)
{
MessageBox.Show("Please select a student to update.");
}
```

```csharp
else if (StNameTb.Text == "" || Cllcb.SelectedIndex == -1 || StPhoneTb.Text == "" ||
StParentTb.Text == "" || StAddTb.Text == "" || GenCb.SelectedIndex == -1)
{
MessageBox.Show("You missed a field!");
}
else
{
try
{
string TName = StNameTb.Text;
var SelectedClass = Cllcb.SelectedItem.ToString();
var Gender = GenCb.SelectedItem.ToString();
string Phone = StPhoneTb.Text;
string Parent = StParentTb.Text;
string Address = StAddTb.Text;

string Query = "UPDATE StudentTbl SET StName = '{0}', StClass = '{1}', StGen = '{2}', StPhone
= '{3}', StParent = '{4}', StAdd = '{5}' WHERE StID = {6}";
Query = string.Format(Query, TName, SelectedClass, Gender, Phone, Parent, Address, Key);

Conn.SetData(Query);
ShowStudents();
MessageBox.Show("Student Updated!");
Clear();
}
catch (Exception Ex)
{
MessageBox.Show(Ex.Message);
}
}
}

private void DeleteBtn_Click(object sender, EventArgs e)
{
if (Key == 0)
{
MessageBox.Show("Please select a student to delete.");
}
else
{
try
{
DialogResult result = MessageBox.Show("Are you sure you want to delete this student?",
"Confirmation", MessageBoxButtons.YesNo);

if (result == DialogResult.Yes)
{
string deleteQuery = "DELETE FROM StudentTbl WHERE StID = {0}";
deleteQuery = string.Format(deleteQuery, Key);
Conn.SetData(deleteQuery);
ShowStudents();
```

```
MessageBox.Show("Student Deleted!");
Clear();
string resetPrimaryKeyQuery = "DBCC CHECKIDENT ('StudentTbl', RESEED, 0);";
Conn.SetData(resetPrimaryKeyQuery);
}
}
catch (Exception Ex)
{
MessageBox.Show(Ex.Message);
}
}
}
}
}
```

Student.Designer.cs

```
namespace Performance_Tracking_And_Mgmt_System
{
public partial class Student : Form
{
private void InitializeComponent()
{
System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(Student));
label25 = new Label();
panel15 = new Panel();
Log = new Label();
pictureBox13 = new PictureBox();
panel16 = new Panel();
AcademicLbl = new Label();
label11 = new Label();
pictureBox5 = new PictureBox();
label9 = new Label();
pictureBox15 = new PictureBox();
panel4 = new Panel();
panel3 = new Panel();
pictureBox4 = new PictureBox();
panel1 = new Panel();
Studentslis = new DataGridView();
panel2 = new Panel();
Cllcb = new ComboBox();
DeleteBtn = new Button();
UpdateBtn = new Button();
label5 = new Label();
AddBtn = new Button();
StAddTb = new TextBox();
label4 = new Label();
StParentTb = new TextBox();
label3 = new Label();
StPhoneTb = new TextBox();
label2 = new Label();
GenCb = new ComboBox();
```

```
label7 = new Label();
Stname = new Label();
StNameTb = new TextBox();
pictureBox2 = new PictureBox();
CloseBtn = new PictureBox();
label1 = new Label();
panel17 = new Panel();
pictureBox1 = new PictureBox();
panel18 = new Panel();
DashboardLbl = new Label();
pictureBox6 = new PictureBox();
panel15.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox13).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox5).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox15).BeginInit();
panel3.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox4).BeginInit();
panel1.SuspendLayout();
((System.ComponentModel.ISupportInitialize)Studentslis).BeginInit();
panel2.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox2).BeginInit();
((System.ComponentModel.ISupportInitialize)CloseBtn).BeginInit();
panel17.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox1).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox6).BeginInit();
SuspendLayout();
label25.AutoSize = true;
label25.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label25.ForeColor = Color.DarkGoldenrod;
label25.Location = new Point(30, 135);
label25.Name = "label25";
label25.Size = new Size(158, 27);
label25.TabIndex = 63;
label25.Text = "Students Detail";
panel15.BackColor = Color.Moccasin;
panel15.Controls.Add(Log);
panel15.Controls.Add(pictureBox13);
panel15.Controls.Add(panel16);
panel15.Location = new Point(10, 821);
panel15.Margin = new Padding(3, 4, 3, 4);
panel15.Name = "panel15";
panel15.Size = new Size(186, 45);
panel15.TabIndex = 61;
Log.AutoSize = true;
Log.BackColor = Color.Transparent;
Log.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
Log.ForeColor = Color.Blue;
Log.Location = new Point(48, 13);
Log.Name = "Log";
Log.Size = new Size(81, 27);
Log.TabIndex = 5;
```

```
Log.Text = "Logout";
Log.Click += Log_Click;
pictureBox13.Image = (Image)resources.GetObject("pictureBox13.Image");
pictureBox13.ImageLocation = "";
pictureBox13.Location = new Point(5, 4);
pictureBox13.Margin = new Padding(3, 4, 3, 4);
pictureBox13.Name = "pictureBox13";
pictureBox13.Size = new Size(37, 37);
pictureBox13.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox13.TabIndex = 24;
pictureBox13.TabStop = false;
panel16.BackColor = Color.Orange;
panel16.Location = new Point(171, 1);
panel16.Margin = new Padding(3, 4, 3, 4);
panel16.Name = "panel16";
panel16.Size = new Size(15, 44);
panel16.TabIndex = 4;
AcademicLbl.AutoSize = true;
AcademicLbl.BackColor = Color.Transparent;
AcademicLbl.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular,
GraphicsUnit.Point);
AcademicLbl.ForeColor = Color.Blue;
AcademicLbl.Location = new Point(45, 338);
AcademicLbl.Name = "AcademicLbl";
AcademicLbl.Size = new Size(118, 27);
AcademicLbl.TabIndex = 56;
AcademicLbl.Text = "Academics";
AcademicLbl.Click += AcademicLbl_Click;
label11.AutoSize = true;
label11.BackColor = Color.Transparent;
label11.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label11.ForeColor = Color.Blue;
label11.Location = new Point(48, 12);
label11.Name = "label11";
label11.Size = new Size(162, 27);
label11.TabIndex = 58;
label11.Text = "Student Detail's";
pictureBox5.Image = (Image)resources.GetObject("pictureBox5.Image");
pictureBox5.ImageLocation = "";
pictureBox5.Location = new Point(2, 331);
pictureBox5.Margin = new Padding(3, 4, 3, 4);
pictureBox5.Name = "pictureBox5";
pictureBox5.Size = new Size(37, 37);
pictureBox5.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox5.TabIndex = 57;
pictureBox5.TabStop = false;
label9.AutoSize = true;
label9.BackColor = Color.Transparent;
label9.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label9.ForeColor = Color.Blue;
label9.Location = new Point(48, 13);
```

```
label9.Name = "label9";
label9.Size = new Size(81, 27);
label9.TabIndex = 5;
label9.Text = "Logout";
pictureBox15.Image = (Image)resources.GetObject("pictureBox15.Image");
pictureBox15.ImageLocation = "";
pictureBox15.Location = new Point(45, 16);
pictureBox15.Margin = new Padding(3, 4, 3, 4);
pictureBox15.Name = "pictureBox15";
pictureBox15.Size = new Size(106, 100);
pictureBox15.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox15.TabIndex = 62;
pictureBox15.TabStop = false;
panel4.BackColor = Color.Orange;
panel4.Location = new Point(171, 1);
panel4.Margin = new Padding(3, 4, 3, 4);
panel4.Name = "panel4";
panel4.Size = new Size(15, 44);
panel4.TabIndex = 4;
panel3.BackColor = Color.Moccasin;
panel3.Controls.Add(label9);
panel3.Controls.Add(pictureBox4);
panel3.Controls.Add(panel4);
panel3.Location = new Point(20, 1029);
panel3.Margin = new Padding(3, 4, 3, 4);
panel3.Name = "panel3";
panel3.Size = new Size(186, 45);
panel3.TabIndex = 60;
pictureBox4.Image = (Image)resources.GetObject("pictureBox4.Image");
pictureBox4.ImageLocation = "";
pictureBox4.Location = new Point(5, 4);
pictureBox4.Margin = new Padding(3, 4, 3, 4);
pictureBox4.Name = "pictureBox4";
pictureBox4.Size = new Size(37, 37);
pictureBox4.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox4.TabIndex = 24;
pictureBox4.TabStop = false;
panel1.BackColor = Color.WhiteSmoke;
panel1.Controls.Add(Studentslis);
panel1.Controls.Add(panel2);
panel1.Controls.Add(CloseBtn);
panel1.Controls.Add(label1);
panel1.Dock = DockStyle.Right;
panel1.Location = new Point(249, 0);
panel1.Margin = new Padding(3, 4, 3, 4);
panel1.Name = "panel1";
panel1.Size = new Size(1306, 901);
panel1.TabIndex = 54;
Studentslis.ColumnHeadersHeightSizeMode =
DataGridViewColumnHeadersHeightSizeMode.AutoSize;
Studentslis.Location = new Point(369, 61);
```

```
Studentslis.Name = "Studentslis";
Studentslis.RowHeadersWidth = 51;
Studentslis.RowTemplate.Height = 29;
Studentslis.Size = new Size(848, 828);
Studentslis.TabIndex = 5;
Studentslis.CellContentClick += Studentslis_CellContentClick;
panel2.BackColor = Color.White;
panel2.Controls.Add(Cllcb);
panel2.Controls.Add(DeleteBtn);
panel2.Controls.Add(UpdateBtn);
panel2.Controls.Add(label5);
panel2.Controls.Add(AddBtn);
panel2.Controls.Add(StAddTb);
panel2.Controls.Add(label4);
panel2.Controls.Add(StParentTb);
panel2.Controls.Add(label3);
panel2.Controls.Add(StPhoneTb);
panel2.Controls.Add(label2);
panel2.Controls.Add(GenCb);
panel2.Controls.Add(label7);
panel2.Controls.Add(Stname);
panel2.Controls.Add(StNameTb);
panel2.Controls.Add(pictureBox2);
panel2.Location = new Point(54, 62);
panel2.Name = "panel2";
panel2.Size = new Size(300, 827);
panel2.TabIndex = 4;
Cllcb.FormattingEnabled = true;
Cllcb.Items.AddRange(new object[] { "1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12" });
Cllcb.Location = new Point(17, 253);
Cllcb.Name = "Cllcb";
Cllcb.Size = new Size(255, 28);
Cllcb.TabIndex = 79;
DeleteBtn.BackColor = Color.SaddleBrown;
DeleteBtn.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
DeleteBtn.ForeColor = Color.Black;
DeleteBtn.Location = new Point(79, 772);
DeleteBtn.Margin = new Padding(3, 8, 3, 16);
DeleteBtn.Name = "DeleteBtn";
DeleteBtn.Size = new Size(96, 44);
DeleteBtn.TabIndex = 77;
DeleteBtn.Text = "Delete";
DeleteBtn.UseVisualStyleBackColor = false;
DeleteBtn.Click += DeleteBtn_Click;
UpdateBtn.BackColor = Color.SandyBrown;
UpdateBtn.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
UpdateBtn.ForeColor = Color.PeachPuff;
UpdateBtn.Location = new Point(148, 709);
UpdateBtn.Margin = new Padding(3, 8, 3, 16);
UpdateBtn.Name = "UpdateBtn";
UpdateBtn.Size = new Size(109, 44);
```

```
UpdateBtn.TabIndex = 76;
UpdateBtn.Text = "Update";
UpdateBtn.UseVisualStyleBackColor = false;
UpdateBtn.Click += UpdateBtn_Click;
label5.AutoSize = true;
label5.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label5.ForeColor = Color.DarkGoldenrod;
label5.Location = new Point(44, 213);
label5.Name = "label5";
label5.Size = new Size(178, 37);
label5.TabIndex = 78;
label5.Text = "Student's Class";
AddBtn.BackColor = Color.DarkOrange;
AddBtn.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
AddBtn.ForeColor = Color.SeaShell;
AddBtn.Location = new Point(12, 709);
AddBtn.Margin = new Padding(3, 8, 3, 16);
AddBtn.Name = "AddBtn";
AddBtn.Size = new Size(96, 44);
AddBtn.TabIndex = 75;
AddBtn.Text = "Add";
AddBtn.UseVisualStyleBackColor = false;
AddBtn.Click += AddBtn_Click;
StAddTb.Location = new Point(12, 618);
StAddTb.Margin = new Padding(3, 4, 3, 4);
StAddTb.Multiline = true;
StAddTb.Name = "StAddTb";
StAddTb.Size = new Size(255, 74);
StAddTb.TabIndex = 74;
label4.AutoSize = true;
label4.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label4.ForeColor = Color.DarkGoldenrod;
label4.Location = new Point(39, 577);
label4.Name = "label4";
label4.Size = new Size(207, 37);
label4.TabIndex = 73;
label4.Text = "Student's Address";
StParentTb.Location = new Point(12, 521);
StParentTb.Margin = new Padding(3, 4, 3, 4);
StParentTb.Name = "StParentTb";
StParentTb.Size = new Size(255, 27);
StParentTb.TabIndex = 72;
label3.AutoSize = true;
label3.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label3.ForeColor = Color.DarkGoldenrod;
label3.Location = new Point(39, 480);
label3.Name = "label3";
label3.Size = new Size(200, 37);
label3.TabIndex = 71;
label3.Text = "Student's Parents";
StPhoneTb.Location = new Point(12, 436);
```

```
StPhoneTb.Margin = new Padding(3, 4, 3, 4);
StPhoneTb.Name = "StPhoneTb";
StPhoneTb.Size = new Size(255, 27);
StPhoneTb.TabIndex = 70;
label2.AutoSize = true;
label2.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label2.ForeColor = Color.DarkGoldenrod;
label2.Location = new Point(39, 395);
label2.Name = "label2";
label2.Size = new Size(192, 37);
label2.TabIndex = 69;
label2.Text = "Student's Phone ";
GenCb.FormattingEnabled = true;
GenCb.Items.AddRange(new object[] { "Male", "Female" });
GenCb.Location = new Point(12, 342);
GenCb.Name = "GenCb";
GenCb.Size = new Size(255, 28);
GenCb.TabIndex = 68;
label7.AutoSize = true;
label7.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label7.ForeColor = Color.DarkGoldenrod;
label7.Location = new Point(39, 302);
label7.Name = "label7";
label7.Size = new Size(199, 37);
label7.TabIndex = 67;
label7.Text = "Student's Gender";
Stname.AutoSize = true;
Stname.BackColor = Color.Transparent;
Stname.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
Stname.ForeColor = Color.DarkGoldenrod;
Stname.Location = new Point(39, 125);
Stname.Name = "Stname";
Stname.Size = new Size(183, 37);
Stname.TabIndex = 65;
Stname.Text = "Student's Name";
StNameTb.Location = new Point(12, 166);
StNameTb.Margin = new Padding(3, 4, 3, 4);
StNameTb.Name = "StNameTb";
StNameTb.Size = new Size(255, 27);
StNameTb.TabIndex = 64;
pictureBox2.Image = (Image)resources.GetObject("pictureBox2.Image");
pictureBox2.ImageLocation = "";
pictureBox2.Location = new Point(69, 16);
pictureBox2.Margin = new Padding(3, 4, 3, 4);
pictureBox2.Name = "pictureBox2";
pictureBox2.Size = new Size(106, 100);
pictureBox2.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox2.TabIndex = 63;
pictureBox2.TabStop = false;
CloseBtn.Image = (Image)resources.GetObject("CloseBtn.Image");
CloseBtn.ImageLocation = "";
```

```
CloseBtn.Location = new Point(1242, 0);
CloseBtn.Margin = new Padding(3, 4, 3, 4);
CloseBtn.Name = "CloseBtn";
CloseBtn.Size = new Size(42, 41);
CloseBtn.SizeMode = PictureBoxSizeMode.Zoom;
CloseBtn.TabIndex = 3;
CloseBtn.TabStop = false;
CloseBtn.Click += CloseBtn_Click;
label1.AutoSize = true;
label1.BackColor = Color.Transparent;
label1.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label1.ForeColor = SystemColors.HotTrack;
label1.Location = new Point(118, 16);
label1.Name = "label1";
label1.Size = new Size(158, 27);
label1.TabIndex = 0;
label1.Text = "Students Detail";
panel17.BackColor = Color.Moccasin;
panel17.Controls.Add(pictureBox1);
panel17.Controls.Add(panel18);
panel17.Controls.Add(label11);
panel17.Location = new Point(3, 263);
panel17.Margin = new Padding(3, 4, 3, 4);
panel17.Name = "panel17";
panel17.Size = new Size(231, 45);
panel17.TabIndex = 64;
pictureBox1.Image = (Image)resources.GetObject("pictureBox1.Image");
pictureBox1.ImageLocation = "";
pictureBox1.Location = new Point(5, 4);
pictureBox1.Margin = new Padding(3, 4, 3, 4);
pictureBox1.Name = "pictureBox1";
pictureBox1.Size = new Size(37, 37);
pictureBox1.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox1.TabIndex = 24;
pictureBox1.TabStop = false;
panel18.BackColor = Color.Orange;
panel18.Location = new Point(216, 1);
panel18.Margin = new Padding(3, 4, 3, 4);
panel18.Name = "panel18";
panel18.Size = new Size(15, 44);
panel18.TabIndex = 4;
DashboardLbl.AutoSize = true;
DashboardLbl.BackColor = Color.Transparent;
DashboardLbl.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular,
GraphicsUnit.Point);
DashboardLbl.ForeColor = Color.Blue;
DashboardLbl.Location = new Point(51, 404);
DashboardLbl.Name = "DashboardLbl";
DashboardLbl.Size = new Size(116, 27);
DashboardLbl.TabIndex = 66;
DashboardLbl.Text = "Dashboard";
```

```
DashboardLbl.Click += DashboardLbl_Click;
pictureBox6.Image = (Image)resources.GetObject("pictureBox6.Image");
pictureBox6.ImageLocation = "";
pictureBox6.Location = new Point(8, 395);
pictureBox6.Margin = new Padding(3, 4, 3, 4);
pictureBox6.Name = "pictureBox6";
pictureBox6.Size = new Size(37, 37);
pictureBox6.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox6.TabIndex = 67;
pictureBox6.TabStop = false;
AutoScaleDimensions = new SizeF(8F, 20F);
AutoScaleMode = AutoScaleMode.Font;
BackColor = Color.White;
ClientSize = new Size(1555, 901);
Controls.Add(DashboardLbl);
Controls.Add(pictureBox6);
Controls.Add(panel17);
Controls.Add(label25);
Controls.Add(panel15);
Controls.Add(AcademicLbl);
Controls.Add(pictureBox5);
Controls.Add(pictureBox15);
Controls.Add(panel3);
Controls.Add(panel1);
FormBorderStyle = FormBorderStyle.None;
Name = "Student";
Text = "Student";
panel15.ResumeLayout(false);
panel15.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox13).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox5).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox15).EndInit();
panel3.ResumeLayout(false);
panel3.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox4).EndInit();
panel1.ResumeLayout(false);
panel1.PerformLayout();
((System.ComponentModel.ISupportInitialize)Studentslis).EndInit();
panel2.ResumeLayout(false);
panel2.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox2).EndInit();
((System.ComponentModel.ISupportInitialize)CloseBtn).EndInit();
panel17.ResumeLayout(false);
panel17.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox1).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox6).EndInit();
ResumeLayout(false);
PerformLayout();
}
```

```
    #endregion
    private Label label25;
    private Panel panel15;
    private Label Log;
    private PictureBox pictureBox13;
    private Panel panel16;
    private Label AcademicLbl;
    private Label label11;
    private PictureBox pictureBox5;
    private Label label9;
    private PictureBox pictureBox15;
    private Panel panel4;
    private Panel panel3;
    private PictureBox pictureBox4;
    private Panel panel1;
    private PictureBox CloseBtn;
    private Label label1;
    private Panel panel17;
    private PictureBox pictureBox1;
    private Panel panel18;
    private Label DashboardLbl;
    private PictureBox pictureBox6;
    private Panel panel2;
    private PictureBox pictureBox2;
    private Label Stname;
    private TextBox StNameTb;
    private ComboBox GenCb;
    private Label label7;
    private TextBox StParentTb;
    private Label label3;
    private TextBox StPhoneTb;
    private Label label2;
    private TextBox StAddTb;
    private Label label4;
    private Button AddBtn;
    private Button UpdateBtn;
    private Button DeleteBtn;
    private DataGridView Studentslis;
    private ComboBox Cllcb;
    private Label label5;
    }
    }
```

Login.cs:
```
namespace Performance_Tracking_And_Mgmt_System
 {
 public partial class Login : Form
 {
 public Login()
 {
 InitializeComponent();
 }
```

```csharp
private void LoginBtn_Click(object sender, EventArgs e)
{
if (UNameTb.Text == "" || PasswordTb.Text == "")
{
MessageBox.Show("Missing Data!");
}
else if (UNameTb.Text == "Admin" && PasswordTb.Text == "Password")
{
MessageBox.Show("Admin Logged In!");
Student Obj = new Student();
Obj.Show();
this.Hide();
}
else
{
MessageBox.Show("Just Unlucky!!");
UNameTb.Text = "";
PasswordTb.Text = "";
}
}

private void Reset_Click(object sender, EventArgs e)
{
UNameTb.Clear();
PasswordTb.Clear();
}

private void ShowPasswordCheckbox_CheckedChanged(object sender, EventArgs e)
{
PasswordTb.PasswordChar = ShowPasswordCheckbox.Checked ? '\0' : '*';
}

private void CloseBtn_Click(object sender, EventArgs e)
{
Application.Exit();
}
}
}
```

Login.Designer.cs

```csharp
namespace Performance_Tracking_And_Mgmt_System
{
partial class Login
{
private System.ComponentModel.IContainer components = null;
protected override void Dispose(bool disposing)
{
if (disposing && (components != null))
{
components.Dispose();
```

```
}
base.Dispose(disposing);
}

#region Windows Form Designer generated code

private void InitializeComponent()
{
System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(Login));
panel1 = new Panel();
label3 = new Label();
label9 = new Label();
label7 = new Label();
label6 = new Label();
label8 = new Label();
label5 = new Label();
CloseBtn = new PictureBox();
label2 = new Label();
UNameTb = new TextBox();
PasswordTb = new TextBox();
label4 = new Label();
label1 = new Label();
LoginBtn = new Button();
pictureBox2 = new PictureBox();
Reset = new Label();
ShowPasswordCheckbox = new CheckBox();
panel1.SuspendLayout();
((System.ComponentModel.ISupportInitialize)CloseBtn).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox2).BeginInit();
SuspendLayout();
panel1.BackColor = Color.RoyalBlue;
panel1.Controls.Add(label3);
panel1.Controls.Add(label9);
panel1.Controls.Add(label7);
panel1.Controls.Add(label6);
panel1.Controls.Add(label8);
panel1.Controls.Add(label5);
panel1.Location = new Point(0, 0);
panel1.Margin = new Padding(3, 4, 3, 4);
panel1.Name = "panel1";
panel1.Size = new Size(261, 533);
panel1.TabIndex = 0;
label3.AutoSize = true;
label3.Font = new Font("Times New Roman", 13.8F, FontStyle.Bold | FontStyle.Italic,
GraphicsUnit.Point);
label3.ForeColor = SystemColors.InactiveCaption;
label3.Location = new Point(14, 498);
label3.Name = "label3";
label3.Size = new Size(197, 26);
label3.TabIndex = 17;
```

```
label3.Text = "Created By:Aakash";
label9.AutoSize = true;
label9.Font = new Font("Calibri", 15.75F, FontStyle.Regular, GraphicsUnit.Point);
label9.ForeColor = Color.White;
label9.Location = new Point(3, 175);
label9.Name = "label9";
label9.Size = new Size(271, 33);
label9.TabIndex = 16;
label9.Text = "Academic Performance ";
label7.AutoSize = true;
label7.Font = new Font("Calibri", 15.75F, FontStyle.Regular, GraphicsUnit.Point);
label7.ForeColor = Color.White;
label7.Location = new Point(35, 321);
label7.Name = "label7";
label7.Size = new Size(196, 33);
label7.TabIndex = 15;
label7.Text = "Manages Details";
label6.AutoSize = true;
label6.Font = new Font("Calibri", 15.75F, FontStyle.Regular, GraphicsUnit.Point);
label6.ForeColor = Color.White;
label6.Location = new Point(14, 287);
label6.Name = "label6";
label6.Size = new Size(244, 33);
label6.TabIndex = 14;
label6.Text = "Manages Academics ";
label8.AutoSize = true;
label8.Font = new Font("Calibri", 15.75F, FontStyle.Regular, GraphicsUnit.Point);
label8.ForeColor = Color.White;
label8.Location = new Point(14, 252);
label8.Name = "label8";
label8.Size = new Size(220, 33);
label8.TabIndex = 13;
label8.Text = "Enrollment System";
label5.AutoSize = true;
label5.Font = new Font("Calibri", 15.75F, FontStyle.Regular, GraphicsUnit.Point);
label5.ForeColor = Color.White;
label5.Location = new Point(41, 213);
label5.Name = "label5";
label5.Size = new Size(187, 33);
label5.TabIndex = 11;
label5.Text = "And Monitoring";
CloseBtn.Image = (Image)resources.GetObject("CloseBtn.Image");
CloseBtn.ImageLocation = "";
CloseBtn.Location = new Point(704, 0);
CloseBtn.Margin = new Padding(3, 4, 3, 4);
CloseBtn.Name = "CloseBtn";
CloseBtn.Size = new Size(42, 41);
CloseBtn.SizeMode = PictureBoxSizeMode.Zoom;
CloseBtn.TabIndex = 0;
CloseBtn.TabStop = false;
CloseBtn.Click += CloseBtn_Click;
```

```
label2.AutoSize = true;
label2.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label2.ForeColor = Color.DarkGoldenrod;
label2.Location = new Point(323, 14);
label2.Name = "label2";
label2.Size = new Size(363, 27);
label2.TabIndex = 1;
label2.Text = "Enrollment And Result Management";
UNameTb.Location = new Point(341, 256);
UNameTb.Margin = new Padding(3, 4, 3, 4);
UNameTb.Name = "UNameTb";
UNameTb.Size = new Size(268, 27);
UNameTb.TabIndex = 5;
PasswordTb.Location = new Point(341, 355);
PasswordTb.Margin = new Padding(3, 4, 3, 4);
PasswordTb.Name = "PasswordTb";
PasswordTb.Size = new Size(268, 27);
PasswordTb.TabIndex = 6;
label4.AutoSize = true;
label4.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label4.ForeColor = Color.DarkGoldenrod;
label4.Location = new Point(341, 213);
label4.Name = "label4";
label4.Size = new Size(137, 37);
label4.TabIndex = 7;
label4.Text = "User Name";
label1.AutoSize = true;
label1.Font = new Font("Sans
Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label1.ForeColor = Color.DarkGoldenrod;
label1.Location = new Point(341, 312);
label1.Name = "label1";
label1.Size = new Size(124, 37);
label1.TabIndex = 8;
label1.Text = "Password";
LoginBtn.BackColor = Color.Orange;
LoginBtn.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
LoginBtn.ForeColor = Color.DarkGoldenrod;
LoginBtn.Location = new Point(408, 401);
LoginBtn.Margin = new Padding(3, 8, 3, 16);
LoginBtn.Name = "LoginBtn";
LoginBtn.Size = new Size(137, 48);
LoginBtn.TabIndex = 9;
LoginBtn.Text = "Login";
LoginBtn.UseVisualStyleBackColor = false;
LoginBtn.Click += LoginBtn_Click;
pictureBox2.Image = (Image)resources.GetObject("pictureBox2.Image");
pictureBox2.ImageLocation = "";
pictureBox2.Location = new Point(408, 93);
pictureBox2.Margin = new Padding(3, 4, 3, 4);
pictureBox2.Name = "pictureBox2";
```

```
pictureBox2.Size = new Size(121, 116);
pictureBox2.SizeMode = PictureBoxSizeMode.CenterImage;
pictureBox2.TabIndex = 2;
pictureBox2.TabStop = false;
Reset.AutoSize = true;
Reset.Font = new Font("Times New Roman", 10.8F, FontStyle.Bold | FontStyle.Underline,
GraphicsUnit.Point);
Reset.ForeColor = Color.Navy;
Reset.Location = new Point(449, 465);
Reset.Name = "Reset";
Reset.Size = new Size(51, 20);
Reset.TabIndex = 10;
Reset.Text = "Reset";
Reset.Click += Reset_Click;
ShowPasswordCheckbox.AutoSize = true;
ShowPasswordCheckbox.Checked = true;
ShowPasswordCheckbox.CheckState = CheckState.Checked;
ShowPasswordCheckbox.Location = new Point(591, 361);
ShowPasswordCheckbox.Name = "ShowPasswordCheckbox";
ShowPasswordCheckbox.Size = new Size(18, 17);
ShowPasswordCheckbox.TabIndex = 11;
ShowPasswordCheckbox.UseVisualStyleBackColor = true;
ShowPasswordCheckbox.CheckedChanged += ShowPasswordCheckbox_CheckedChanged;
AutoScaleDimensions = new SizeF(8F, 20F);
AutoScaleMode = AutoScaleMode.Font;
BackColor = Color.White;
ClientSize = new Size(749, 533);
Controls.Add(ShowPasswordCheckbox);
Controls.Add(Reset);
Controls.Add(LoginBtn);
Controls.Add(label1);
Controls.Add(label4);
Controls.Add(PasswordTb);
Controls.Add(UNameTb);
Controls.Add(pictureBox2);
Controls.Add(CloseBtn);
Controls.Add(panel1);
Controls.Add(label2);
FormBorderStyle = FormBorderStyle.None;
Margin = new Padding(3, 4, 3, 4);
Name = "Login";
StartPosition = FormStartPosition.CenterScreen;
Text = "Form1";
panel1.ResumeLayout(false);
panel1.PerformLayout();
((System.ComponentModel.ISupportInitialize)CloseBtn).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox2).EndInit();
ResumeLayout(false);
PerformLayout();
}
private Panel panel1;
```

```
private PictureBox CloseBtn;
private Label label2;
private TextBox UNameTb;
private TextBox PasswordTb;
private Label label4;
private Label label1;
private Label label8;
private Label label5;
private Label label7;
private Label label6;
private Button LoginBtn;
private PictureBox pictureBox2;
private Label label9;
private Label Reset;
private CheckBox ShowPasswordCheckbox;
private Label label3;
}
}
```

Dashboard.cs

```
namespace Performance_Tracking_And_Mgmt_System
{
public partial class Dashboard : Form
{
Functions Conn;

public Dashboard()
{
InitializeComponent();
Conn = new Functions();
CountStudents();
CountMale();
CountPassedStudents(); // Updated to count total passed students
}

private void CountStudents()
{
string Query = "SELECT COUNT(*) AS Stud FROM StudentTbl";

foreach (DataRow dr in Conn.GetData(Query).Rows)
{
StudNumlbl.Text = dr["Stud"].ToString();
}
}

private void CountMale()
{
string StGen = "Male";
string Query = "SELECT COUNT(*) AS MaleCount FROM StudentTbl WHERE StGen = '{0}'";
Query = string.Format(Query, StGen);
```

```
foreach (DataRow dr in Conn.GetData(Query).Rows)
{
MaleNumlbl.Text = dr["MaleCount"].ToString();
}
}

private void CountPassedStudents()
{
string Query = "SELECT COUNT(*) AS PassedCount FROM AcademicTbl WHERE Result =
'PASS'";

foreach (DataRow dr in Conn.GetData(Query).Rows)
{
TNumlbl.Text = dr["PassedCount"].ToString();
}
}

private void StudentsLbl_Click(object sender, EventArgs e)
{
Student Obj = new Student();
Obj.Show();
this.Close();
}

private void AcaLbl_Click(object sender, EventArgs e)
{
lbl obj = new lbl();
obj.Show();
this.Close();
}

private void label20_Click(object sender, EventArgs e)
{
Login Obj = new Login();
Obj.Show();
this.Close();
}

private void cl_Click(object sender, EventArgs e)
{
lbl Obj = new lbl();
Obj.Show();
this.Close();
}
}
}
```

Dashboard.Designer.cs

```
namespace Performance_Tracking_And_Mgmt_System
{
partial class Dashboard
{
protected override void Dispose(bool disposing)
{
if (disposing && (components != null))
{
components.Dispose();
}
base.Dispose(disposing);
}

private void InitializeComponent()
{
System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(Dashboard));
label9 = new Label();
panel4 = new Panel();
panel3 = new Panel();
pictureBox4 = new PictureBox();
label15 = new Label();
pictureBox10 = new PictureBox();
panel10 = new Panel();
panel9 = new Panel();
panel1 = new Panel();
panel13 = new Panel();
label21 = new Label();
label22 = new Label();
label23 = new Label();
pictureBox14 = new PictureBox();
label17 = new Label();
label18 = new Label();
label19 = new Label();
pictureBox12 = new PictureBox();
panel14 = new Panel();
label16 = new Label();
label14 = new Label();
label13 = new Label();
pictureBox11 = new PictureBox();
panel11 = new Panel();
pictureBox9 = new PictureBox();
panel7 = new Panel();
pictureBox8 = new PictureBox();
panel12 = new Panel();
TNumlbl = new Label();
label5 = new Label();
panel8 = new Panel();
MaleNumlbl = new Label();
label3 = new Label();
```

```
panel6 = new Panel();
pictureBox7 = new PictureBox();
panel5 = new Panel();
StudNumlbl = new Label();
label2 = new Label();
cl = new PictureBox();
panel2 = new Panel();
pictureBox2 = new PictureBox();
label4 = new Label();
label1 = new Label();
AcaLbl = new Label();
StudentsLbl = new Label();
pictureBox6 = new PictureBox();
pictureBox5 = new PictureBox();
panel15 = new Panel();
label20 = new Label();
pictureBox13 = new PictureBox();
panel16 = new Panel();
label25 = new Label();
pictureBox15 = new PictureBox();
panel3.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox4).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox10).BeginInit();
panel9.SuspendLayout();
panel1.SuspendLayout();
panel13.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox14).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox12).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox11).BeginInit();
panel11.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox9).BeginInit();
panel7.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox8).BeginInit();
panel12.SuspendLayout();
panel8.SuspendLayout();
panel6.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox7).BeginInit();
panel5.SuspendLayout();
((System.ComponentModel.ISupportInitialize)cl).BeginInit();
panel2.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox2).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox6).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox5).BeginInit();
panel15.SuspendLayout();
((System.ComponentModel.ISupportInitialize)pictureBox13).BeginInit();
((System.ComponentModel.ISupportInitialize)pictureBox15).BeginInit();
SuspendLayout();
//
// label9
//
label9.AutoSize = true;
```

```
label9.BackColor = Color.Transparent;
label9.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label9.ForeColor = Color.Blue;
label9.Location = new Point(48, 13);
label9.Name = "label9";
label9.Size = new Size(81, 27);
label9.TabIndex = 5;
label9.Text = "Logout";
//
// panel4
//
panel4.BackColor = Color.Orange;
panel4.Location = new Point(171, 1);
panel4.Margin = new Padding(3, 4, 3, 4);
panel4.Name = "panel4";
panel4.Size = new Size(15, 44);
panel4.TabIndex = 4;
//
// panel3
//
panel3.BackColor = Color.Moccasin;
panel3.Controls.Add(label9);
panel3.Controls.Add(pictureBox4);
panel3.Controls.Add(panel4);
panel3.Location = new Point(25, 1029);
panel3.Margin = new Padding(3, 4, 3, 4);
panel3.Name = "panel3";
panel3.Size = new Size(186, 45);
panel3.TabIndex = 50;
//
// pictureBox4
//
pictureBox4.Image = (Image)resources.GetObject("pictureBox4.Image");
pictureBox4.ImageLocation = "";
pictureBox4.Location = new Point(5, 4);
pictureBox4.Margin = new Padding(3, 4, 3, 4);
pictureBox4.Name = "pictureBox4";
pictureBox4.Size = new Size(37, 37);
pictureBox4.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox4.TabIndex = 24;
pictureBox4.TabStop = false;
//
// label15
//
label15.AutoSize = true;
label15.BackColor = Color.Transparent;
label15.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label15.ForeColor = Color.Blue;
label15.Location = new Point(48, 13);
label15.Name = "label15";
label15.Size = new Size(116, 27);
```

```
label15.TabIndex = 5;
label15.Text = "Dashboard";
//
// pictureBox10
//
pictureBox10.Image = (Image)resources.GetObject("pictureBox10.Image");
pictureBox10.ImageLocation = "";
pictureBox10.Location = new Point(5, 4);
pictureBox10.Margin = new Padding(3, 4, 3, 4);
pictureBox10.Name = "pictureBox10";
pictureBox10.Size = new Size(37, 37);
pictureBox10.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox10.TabIndex = 24;
pictureBox10.TabStop = false;
//
// panel10
//
panel10.BackColor = Color.Orange;
panel10.Location = new Point(216, 1);
panel10.Margin = new Padding(3, 4, 3, 4);
panel10.Name = "panel10";
panel10.Size = new Size(15, 44);
panel10.TabIndex = 4;
//
// panel9
//
panel9.BackColor = Color.Moccasin;
panel9.Controls.Add(label15);
panel9.Controls.Add(pictureBox10);
panel9.Controls.Add(panel10);
panel9.Location = new Point(3, 444);
panel9.Margin = new Padding(3, 4, 3, 4);
panel9.Name = "panel9";
panel9.Size = new Size(231, 45);
panel9.TabIndex = 43;
//
// panel1
//
panel1.BackColor = Color.WhiteSmoke;
panel1.Controls.Add(panel13);
panel1.Controls.Add(panel11);
panel1.Controls.Add(panel7);
panel1.Controls.Add(panel12);
panel1.Controls.Add(panel8);
panel1.Controls.Add(panel6);
panel1.Controls.Add(panel5);
panel1.Controls.Add(cl);
panel1.Controls.Add(panel2);
panel1.Controls.Add(label1);
panel1.Dock = DockStyle.Right;
panel1.Location = new Point(241, 0);
```

```
panel1.Margin = new Padding(3, 4, 3, 4);
panel1.Name = "panel1";
panel1.Size = new Size(1306, 884);
panel1.TabIndex = 42;
//
// panel13
//
panel13.BackColor = Color.White;
panel13.Controls.Add(label21);
panel13.Controls.Add(label22);
panel13.Controls.Add(label23);
panel13.Controls.Add(pictureBox14);
panel13.Controls.Add(label17);
panel13.Controls.Add(label18);
panel13.Controls.Add(label19);
panel13.Controls.Add(pictureBox12);
panel13.Controls.Add(panel14);
panel13.Controls.Add(label16);
panel13.Controls.Add(label14);
panel13.Controls.Add(label13);
panel13.Controls.Add(pictureBox11);
panel13.ForeColor = Color.IndianRed;
panel13.Location = new Point(17, 480);
panel13.Margin = new Padding(3, 4, 3, 4);
panel13.Name = "panel13";
panel13.Size = new Size(1185, 388);
panel13.TabIndex = 27;
//
// label21
//
label21.AutoSize = true;
label21.BackColor = Color.Transparent;
label21.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label21.ForeColor = Color.IndianRed;
label21.Location = new Point(759, 132);
label21.Name = "label21";
label21.Size = new Size(378, 27);
label21.TabIndex = 34;
label21.Text = "This module helps manage academics.";
//
// label22
//
label22.AutoSize = true;
label22.BackColor = Color.Transparent;
label22.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label22.ForeColor = Color.IndianRed;
label22.Location = new Point(759, 104);
label22.Name = "label22";
label22.Size = new Size(413, 27);
label22.TabIndex = 33;
label22.Text = "Represents the academics of the students.";
```

```
//
// label23
//
label23.AutoSize = true;
label23.BackColor = Color.Transparent;
label23.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label23.ForeColor = SystemColors.HotTrack;
label23.Location = new Point(759, 76);
label23.Name = "label23";
label23.Size = new Size(198, 27);
label23.TabIndex = 32;
label23.Text = "Academics Module";
//
// pictureBox14
//
pictureBox14.Image = (Image)resources.GetObject("pictureBox14.Image");
pictureBox14.ImageLocation = "";
pictureBox14.Location = new Point(682, 4);
pictureBox14.Margin = new Padding(3, 4, 3, 4);
pictureBox14.Name = "pictureBox14";
pictureBox14.Size = new Size(70, 100);
pictureBox14.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox14.TabIndex = 31;
pictureBox14.TabStop = false;
//
// label17
//
label17.AutoSize = true;
label17.BackColor = Color.Transparent;
label17.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label17.ForeColor = Color.IndianRed;
label17.Location = new Point(75, 307);
label17.Name = "label17";
label17.Size = new Size(581, 27);
label17.TabIndex = 30;
label17.Text = "This module represents the data of students and academics.";
//
// label18
//
label18.AutoSize = true;
label18.BackColor = Color.Transparent;
label18.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label18.ForeColor = Color.IndianRed;
label18.Location = new Point(80, 279);
label18.Name = "label18";
label18.Size = new Size(425, 27);
label18.TabIndex = 29;
label18.Text = "Represents the information of the students.";
//
// label19
//
```

```
label19.AutoSize = true;
label19.BackColor = Color.Transparent;
label19.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label19.ForeColor = SystemColors.HotTrack;
label19.Location = new Point(80, 251);
label19.Name = "label19";
label19.Size = new Size(165, 27);
label19.TabIndex = 28;
label19.Text = "Student Module";
//
// pictureBox12
//
pictureBox12.Image = (Image)resources.GetObject("pictureBox12.Image");
pictureBox12.ImageLocation = "";
pictureBox12.Location = new Point(3, 179);
pictureBox12.Margin = new Padding(3, 4, 3, 4);
pictureBox12.Name = "pictureBox12";
pictureBox12.Size = new Size(70, 100);
pictureBox12.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox12.TabIndex = 27;
pictureBox12.TabStop = false;
//
// panel14
//
panel14.BackColor = Color.SteelBlue;
panel14.Location = new Point(664, 1);
panel14.Margin = new Padding(3, 4, 3, 4);
panel14.Name = "panel14";
panel14.Size = new Size(11, 387);
panel14.TabIndex = 26;
//
// label16
//
label16.AutoSize = true;
label16.BackColor = Color.Transparent;
label16.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label16.ForeColor = Color.IndianRed;
label16.Location = new Point(80, 147);
label16.Name = "label16";
label16.Size = new Size(581, 27);
label16.TabIndex = 25;
label16.Text = "This module represents the data of students and academics.";
//
// label14
//
label14.AutoSize = true;
label14.BackColor = Color.Transparent;
label14.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label14.ForeColor = Color.IndianRed;
label14.Location = new Point(80, 116);
label14.Name = "label14";
```

```
label14.Size = new Size(497, 27);
label14.TabIndex = 24;
label14.Text = "Represents analytical summary of the information.";
//
// label13
//
label13.AutoSize = true;
label13.BackColor = Color.Transparent;
label13.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label13.ForeColor = SystemColors.HotTrack;
label13.Location = new Point(80, 76);
label13.Name = "label13";
label13.Size = new Size(116, 27);
label13.TabIndex = 23;
label13.Text = "Dashboard";
//
// pictureBox11
//
pictureBox11.Image = (Image)resources.GetObject("pictureBox11.Image");
pictureBox11.ImageLocation = "";
pictureBox11.Location = new Point(3, 4);
pictureBox11.Margin = new Padding(3, 4, 3, 4);
pictureBox11.Name = "pictureBox11";
pictureBox11.Size = new Size(70, 100);
pictureBox11.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox11.TabIndex = 22;
pictureBox11.TabStop = false;
//
// panel11
//
panel11.BackColor = Color.DarkViolet;
panel11.Controls.Add(pictureBox9);
panel11.Location = new Point(811, 263);
panel11.Margin = new Padding(3, 4, 3, 4);
panel11.Name = "panel11";
panel11.Size = new Size(119, 191);
panel11.TabIndex = 25;
//
// pictureBox9
//
pictureBox9.Image = (Image)resources.GetObject("pictureBox9.Image");
pictureBox9.ImageLocation = "";
pictureBox9.Location = new Point(17, 50);
pictureBox9.Margin = new Padding(3, 4, 3, 4);
pictureBox9.Name = "pictureBox9";
pictureBox9.Size = new Size(70, 99);
pictureBox9.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox9.TabIndex = 21;
pictureBox9.TabStop = false;
//
// panel7
```

```
//
panel7.BackColor = Color.Gold;
panel7.Controls.Add(pictureBox8);
panel7.Location = new Point(414, 263);
panel7.Margin = new Padding(3, 4, 3, 4);
panel7.Name = "panel7";
panel7.Size = new Size(119, 195);
panel7.TabIndex = 23;
//
// pictureBox8
//
pictureBox8.Image = (Image)resources.GetObject("pictureBox8.Image");
pictureBox8.ImageLocation = "";
pictureBox8.Location = new Point(17, 49);
pictureBox8.Margin = new Padding(3, 4, 3, 4);
pictureBox8.Name = "pictureBox8";
pictureBox8.Size = new Size(70, 100);
pictureBox8.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox8.TabIndex = 21;
pictureBox8.TabStop = false;
//
// panel12
//
panel12.BackColor = Color.White;
panel12.Controls.Add(TNumlbl);
panel12.Controls.Add(label5);
panel12.Location = new Point(811, 263);
panel12.Margin = new Padding(3, 4, 3, 4);
panel12.Name = "panel12";
panel12.Size = new Size(391, 191);
panel12.TabIndex = 26;
//
// TNumlbl
//
TNumlbl.AutoSize = true;
TNumlbl.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
TNumlbl.ForeColor = Color.Black;
TNumlbl.Location = new Point(167, 79);
TNumlbl.Name = "TNumlbl";
TNumlbl.Size = new Size(68, 37);
TNumlbl.TabIndex = 11;
TNumlbl.Text = "Num";
//
// label5
//
label5.AutoSize = true;
label5.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label5.ForeColor = Color.Black;
label5.Location = new Point(174, 13);
label5.Name = "label5";
label5.Size = new Size(98, 37);
```

```
label5.TabIndex = 9;
label5.Text = "Passed";
//
// panel8
//
panel8.BackColor = Color.White;
panel8.Controls.Add(MaleNumlbl);
panel8.Controls.Add(label3);
panel8.Location = new Point(414, 263);
panel8.Margin = new Padding(3, 4, 3, 4);
panel8.Name = "panel8";
panel8.Size = new Size(391, 195);
panel8.TabIndex = 24;
//
// MaleNumlbl
//
MaleNumlbl.AutoSize = true;
MaleNumlbl.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
MaleNumlbl.ForeColor = Color.Black;
MaleNumlbl.Location = new Point(167, 79);
MaleNumlbl.Name = "MaleNumlbl";
MaleNumlbl.Size = new Size(68, 37);
MaleNumlbl.TabIndex = 11;
MaleNumlbl.Text = "Num";
//
// label3
//
label3.AutoSize = true;
label3.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label3.ForeColor = Color.Black;
label3.Location = new Point(174, 13);
label3.Name = "label3";
label3.Size = new Size(74, 37);
label3.TabIndex = 9;
label3.Text = "Male ";
//
// panel6
//
panel6.BackColor = Color.Aqua;
panel6.Controls.Add(pictureBox7);
panel6.Location = new Point(16, 263);
panel6.Margin = new Padding(3, 4, 3, 4);
panel6.Name = "panel6";
panel6.Size = new Size(119, 195);
panel6.TabIndex = 22;
//
// pictureBox7
//
pictureBox7.Image = (Image)resources.GetObject("pictureBox7.Image");
pictureBox7.ImageLocation = "";
pictureBox7.Location = new Point(17, 49);
```

```
pictureBox7.Margin = new Padding(3, 4, 3, 4);
pictureBox7.Name = "pictureBox7";
pictureBox7.Size = new Size(70, 100);
pictureBox7.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox7.TabIndex = 21;
pictureBox7.TabStop = false;
//
// panel5
//
panel5.BackColor = Color.White;
panel5.Controls.Add(StudNumlbl);
panel5.Controls.Add(label2);
panel5.Location = new Point(16, 263);
panel5.Margin = new Padding(3, 4, 3, 4);
panel5.Name = "panel5";
panel5.Size = new Size(391, 195);
panel5.TabIndex = 22;
//
// StudNumlbl
//
StudNumlbl.AutoSize = true;
StudNumlbl.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
StudNumlbl.ForeColor = Color.Black;
StudNumlbl.Location = new Point(174, 80);
StudNumlbl.Name = "StudNumlbl";
StudNumlbl.Size = new Size(68, 37);
StudNumlbl.TabIndex = 10;
StudNumlbl.Text = "Num";
//
// label2
//
label2.AutoSize = true;
label2.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label2.ForeColor = Color.Black;
label2.Location = new Point(174, 13);
label2.Name = "label2";
label2.Size = new Size(111, 37);
label2.TabIndex = 9;
label2.Text = "Students";
//
// cl
//
cl.Image = (Image)resources.GetObject("cl.Image");
cl.ImageLocation = "";
cl.Location = new Point(1264, 4);
cl.Margin = new Padding(3, 4, 3, 4);
cl.Name = "cl";
cl.Size = new Size(42, 41);
cl.SizeMode = PictureBoxSizeMode.Zoom;
cl.TabIndex = 3;
cl.TabStop = false;
```

```
cl.Click += cl_Click;
//
// panel2
//
panel2.BackColor = Color.White;
panel2.Controls.Add(pictureBox2);
panel2.Controls.Add(label4);
panel2.Location = new Point(16, 68);
panel2.Margin = new Padding(3, 4, 3, 4);
panel2.Name = "panel2";
panel2.Size = new Size(458, 160);
panel2.TabIndex = 1;
//
// pictureBox2
//
pictureBox2.Image = (Image)resources.GetObject("pictureBox2.Image");
pictureBox2.ImageLocation = "";
pictureBox2.Location = new Point(3, 25);
pictureBox2.Margin = new Padding(3, 4, 3, 4);
pictureBox2.Name = "pictureBox2";
pictureBox2.Size = new Size(106, 100);
pictureBox2.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox2.TabIndex = 21;
pictureBox2.TabStop = false;
//
// label4
//
label4.AutoSize = true;
label4.Font = new Font("Sans Serif Collection", 9F, FontStyle.Regular, GraphicsUnit.Point);
label4.ForeColor = Color.DarkGoldenrod;
label4.Location = new Point(138, 67);
label4.Name = "label4";
label4.Size = new Size(302, 37);
label4.TabIndex = 9;
label4.Text = "Summary of the Application";
//
// label1
//
label1.AutoSize = true;
label1.BackColor = Color.Transparent;
label1.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label1.ForeColor = SystemColors.HotTrack;
label1.Location = new Point(626, 9);
label1.Name = "label1";
label1.Size = new Size(116, 27);
label1.TabIndex = 0;
label1.Text = "Dashboard";
//
// AcaLbl
//
AcaLbl.AutoSize = true;
```

```
AcaLbl.BackColor = Color.Transparent;
AcaLbl.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
AcaLbl.ForeColor = Color.Blue;
AcaLbl.Location = new Point(51, 387);
AcaLbl.Name = "AcaLbl";
AcaLbl.Size = new Size(118, 27);
AcaLbl.TabIndex = 46;
AcaLbl.Text = "Academics";
AcaLbl.Click += AcaLbl_Click;
//
// StudentsLbl
//
StudentsLbl.AutoSize = true;
StudentsLbl.BackColor = Color.Transparent;
StudentsLbl.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular,
GraphicsUnit.Point);
StudentsLbl.ForeColor = Color.Blue;
StudentsLbl.Location = new Point(57, 313);
StudentsLbl.Name = "StudentsLbl";
StudentsLbl.Size = new Size(162, 27);
StudentsLbl.TabIndex = 48;
StudentsLbl.Text = "Student Detail's";
StudentsLbl.Click += StudentsLbl_Click;
//
// pictureBox6
//
pictureBox6.Image = (Image)resources.GetObject("pictureBox6.Image");
pictureBox6.ImageLocation = "";
pictureBox6.Location = new Point(8, 304);
pictureBox6.Margin = new Padding(3, 4, 3, 4);
pictureBox6.Name = "pictureBox6";
pictureBox6.Size = new Size(37, 37);
pictureBox6.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox6.TabIndex = 49;
pictureBox6.TabStop = false;
//
// pictureBox5
//
pictureBox5.Image = (Image)resources.GetObject("pictureBox5.Image");
pictureBox5.ImageLocation = "";
pictureBox5.Location = new Point(8, 380);
pictureBox5.Margin = new Padding(3, 4, 3, 4);
pictureBox5.Name = "pictureBox5";
pictureBox5.Size = new Size(37, 37);
pictureBox5.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox5.TabIndex = 47;
pictureBox5.TabStop = false;
//
// panel15
//
panel15.BackColor = Color.Moccasin;
```

```
panel15.Controls.Add(label20);
panel15.Controls.Add(pictureBox13);
panel15.Controls.Add(panel16);
panel15.Location = new Point(15, 821);
panel15.Margin = new Padding(3, 4, 3, 4);
panel15.Name = "panel15";
panel15.Size = new Size(186, 45);
panel15.TabIndex = 51;
//
// label20
//
label20.AutoSize = true;
label20.BackColor = Color.Transparent;
label20.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label20.ForeColor = Color.Blue;
label20.Location = new Point(48, 13);
label20.Name = "label20";
label20.Size = new Size(81, 27);
label20.TabIndex = 5;
label20.Text = "Logout";
label20.Click += label20_Click;
//
// pictureBox13
//
pictureBox13.Image = (Image)resources.GetObject("pictureBox13.Image");
pictureBox13.ImageLocation = "";
pictureBox13.Location = new Point(5, 4);
pictureBox13.Margin = new Padding(3, 4, 3, 4);
pictureBox13.Name = "pictureBox13";
pictureBox13.Size = new Size(37, 37);
pictureBox13.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox13.TabIndex = 24;
pictureBox13.TabStop = false;
//
// panel16
//
panel16.BackColor = Color.Orange;
panel16.Location = new Point(171, 1);
panel16.Margin = new Padding(3, 4, 3, 4);
panel16.Name = "panel16";
panel16.Size = new Size(15, 44);
panel16.TabIndex = 4;
//
// label25
//
label25.AutoSize = true;
label25.Font = new Font("Times New Roman", 14.25F, FontStyle.Regular, GraphicsUnit.Point);
label25.ForeColor = Color.DarkGoldenrod;
label25.Location = new Point(35, 135);
label25.Name = "label25";
label25.Size = new Size(158, 27);
```

```
label25.TabIndex = 53;
label25.Text = "Students Detail";
//
// pictureBox15
//
pictureBox15.Image = (Image)resources.GetObject("pictureBox15.Image");
pictureBox15.ImageLocation = "";
pictureBox15.Location = new Point(50, 16);
pictureBox15.Margin = new Padding(3, 4, 3, 4);
pictureBox15.Name = "pictureBox15";
pictureBox15.Size = new Size(106, 100);
pictureBox15.SizeMode = PictureBoxSizeMode.Zoom;
pictureBox15.TabIndex = 52;
pictureBox15.TabStop = false;
//
// Dashboard
//
AutoScaleDimensions = new SizeF(8F, 20F);
AutoScaleMode = AutoScaleMode.Font;
BackColor = Color.White;
ClientSize = new Size(1547, 884);
Controls.Add(label25);
Controls.Add(pictureBox15);
Controls.Add(panel15);
Controls.Add(panel3);
Controls.Add(panel9);
Controls.Add(panel1);
Controls.Add(AcaLbl);
Controls.Add(StudentsLbl);
Controls.Add(pictureBox6);
Controls.Add(pictureBox5);
FormBorderStyle = FormBorderStyle.None;
Margin = new Padding(3, 4, 3, 4);
Name = "Dashboard";
Text = "Dashboard";
panel3.ResumeLayout(false);
panel3.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox4).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox10).EndInit();
panel9.ResumeLayout(false);
panel9.PerformLayout();
panel1.ResumeLayout(false);
panel1.PerformLayout();
panel13.ResumeLayout(false);
panel13.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox14).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox12).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox11).EndInit();
panel11.ResumeLayout(false);
((System.ComponentModel.ISupportInitialize)pictureBox9).EndInit();
panel7.ResumeLayout(false);
```

```
((System.ComponentModel.ISupportInitialize)pictureBox8).EndInit();
panel12.ResumeLayout(false);
panel12.PerformLayout();
panel8.ResumeLayout(false);
panel8.PerformLayout();
panel6.ResumeLayout(false);
((System.ComponentModel.ISupportInitialize)pictureBox7).EndInit();
panel5.ResumeLayout(false);
panel5.PerformLayout();
((System.ComponentModel.ISupportInitialize)cl).EndInit();
panel2.ResumeLayout(false);
panel2.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox2).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox6).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox5).EndInit();
panel15.ResumeLayout(false);
panel15.PerformLayout();
((System.ComponentModel.ISupportInitialize)pictureBox13).EndInit();
((System.ComponentModel.ISupportInitialize)pictureBox15).EndInit();
ResumeLayout(false);
PerformLayout();
}

#endregion

private Label label9;
private Panel panel4;
private Panel panel3;
private PictureBox pictureBox4;
private Label label15;
private PictureBox pictureBox10;
private Panel panel10;
private Panel panel9;
private Panel panel1;
private PictureBox cl;
private Label label1;
private Label AcaLbl;
private Label StudentsLbl;
private PictureBox pictureBox6;
private PictureBox pictureBox5;
private Panel panel2;
private PictureBox pictureBox2;
private Label label4;
private Panel panel5;
private PictureBox pictureBox7;
private Label label2;
private Panel panel6;
private Panel panel11;
private PictureBox pictureBox9;
private Panel panel12;
private Label label5;
```

```
private Panel panel7;
private PictureBox pictureBox8;
private Panel panel8;
private Label label3;
private Label StudNumlbl;
private Label TNumlbl;
private Label MaleNumlbl;
private Panel panel13;
private Label label14;
private Label label13;
private PictureBox pictureBox11;
private Panel panel14;
private Label label16;
private Label label17;
private Label label18;
private Label label19;
private PictureBox pictureBox12;
private Panel panel15;
private Label label20;
private PictureBox pictureBox13;
private Panel panel16;
private Label label21;
private Label label22;
private Label label23;
private PictureBox pictureBox14;
private Label label25;
private PictureBox pictureBox15;
}
}
```

Hosting Portfolio Website In .Com.Np

Hosting:

Hosting refers to the provision of resources and services that allow individuals or organizations to make their websites, applications, or other online content accessible to users on the internet. In the context of web hosting, a hosting provider allocates server space, bandwidth, and other necessary resources to store and deliver the files that constitute a website or application. This enables users to access the hosted content through a web browser or other compatible software. Hosting services can vary in terms of performance, security, and scalability, and they may include options such as shared hosting, dedicated hosting, or cloud hosting. The hosting provider is responsible for maintaining the servers, ensuring uptime, and handling technical aspects, allowing clients tofocus on creating and managing their online presence without the need for extensive infrastructure management.

Portfolio:

A portfolio website is an online platform that showcases and highlights the work, achievements, skills, and experiences of an individual, typically a professional or creative such as a designer, photographer, artist, writer, or any other professional seeking to present their body of work. This type of website serves as a digital portfolio, providing a curated collection of the individual's best projects, samples, or creations. A portfolio website often includes sections or pages dedicated to different aspects of the individual's work, along with a personal biography, resume, and contact information. The goal is to present a compelling and visually appealing overview of the person's capabilities, allowing potential clients, employers, or collaborators to assess their skills and expertise. Portfolio websites are widely used in various industries as a means forindividuals to showcase their talents and make a strong impression in the digitalrealm.

Cloudflare:

Cloudflare is a leading internet security and performance company that offers a suite of services, including a content delivery network (CDN) for faster content delivery worldwide. Acting as a reverse proxy, Cloudflare optimizes website performance, enhances security through DDoS protection and web application firewall capabilities, and ensures reliability by distributing content across a global network of servers. The company's services are utilized by a diverse range of websites, providing them with the tools to improve speed, security, and overall user experience.

SSL:

SSL, or Secure Sockets Layer, is a cryptographic protocol crucial for ensuringsecure communication over the internet. It encrypts data exchanged between aweb browser and a server, safeguarding sensitive information like credit card details and login credentials from unauthorized access. Recognized by the "https://" in a website's URL and often accompanied by a padlock icon, SSL establishes a secure connection, assuring users of data confidentiality and integrity. While SSL has been largely succeeded by the more advanced Transport Layer Security (TLS) protocol, both terms are commonly used interchangeably to describe the essential technology that underpins secure online transactions and protects user privacy.

DNS:

DNS, or Domain Name System, is a hierarchical decentralized system that translates human-readable domain names into IP addresses, allowing computersto locate and connect to each other over the internet. When you enter a domain name (like www.example.com) into a web browser, the DNS system translates that name into the corresponding IP address (such as 192.168.1.1) associated with the web server hosting the website. This process is crucial because computers communicate using IP addresses, and domain names provide a moreuser-friendly way for people to access websites and services. DNS operates through a network of distributed servers, organized in a hierarchical fashion, with each level of the hierarchy handling specific tasks in the translation process. The system helps users navigate the internet seamlessly by translating human-readable domain names into the numeric IP addresses required forestablishing connections between devices on the internet.

GitHub:

GitHub is a web-based platform and version control system that facilitates collaborative software development. It provides a centralized repository for code hosting, enabling developers to store, manage, and track changes to theirprojects efficiently. GitHub's key feature is its support for Git, a distributed version control system, allowing multiple contributors to work on a project simultaneously. Developers can branch off from the main codebase, make changes, and merge them seamlessly, promoting collaborative and organized software development workflows. GitHub also offers features such as issue tracking, pull requests, and project management tools, enhancing communication and coordination among team members. Widely used in open-source and private development projects, GitHub has become a fundamental tool for developers and organizations to streamline code collaboration and version control.

GIT:

Git is a distributed version control system that provides a framework for tracking changes in source code during software development. Developed by Linus Torvalds, Git enables multiple developers to work on a project simultaneously and independently by maintaining a complete history of revisions and allowing easy collaboration. With a decentralized architecture, each user has a local copy of the entire project history, fostering flexibility and resilience. Git's key features include branching, merging, and efficient handlingof code versions, facilitating collaborative development and helping teams manage and coordinate changes to their codebase effectively. It has become a widely adopted tool in the software development industry due to its speed, versatility, and robust version control capabilities.

Steps for hosting website:

1. Register.com.np Domain:

Follow the domain registration process outlined by the Nepal Telecommunications Authority (NTA) through the authorized registrar(Mercantile Communications Pvt. Ltd.).

2. Gather Necessary Documentation:

Prepare the required documents, such as citizenship certificates for individualsor registration certificates for businesses/organizations, as specified by the NTA.

3. Domain Approval and Activation:

Wait for the approval of your domain registration. Once approved, you'llreceive activation details from the NTA.

4. Sign Up for Cloudflare:

Create an account on Cloudflare (https://www.cloudflare.com/).

5. Add Domain to Cloudflare:

Add your.com.np domain to Cloudflare by following the prompts. Cloudflarewill provide you with new nameservers. Note them down.

6. Update Nameservers:

Log in to the domain registrar's website (Mercantile Communications Pvt. Ltd.)and update the nameservers to the ones provided by Cloudflare.

7. Set Up GitHub Repository:

If you haven't already, create a GitHub repository containing your website files.

8. Configure GitHub Pages:

If your website is a static site, you can use GitHub Pages to host it. In your GitHub repository, go to the "Settings" tab, and under the "GitHub Pages" section, select the branch you want to use for GitHub Pages.

9. Configure Custom Domain in GitHub:

In the same GitHub Pages section of your repository settings, add your custom domain (e.g., yourdomain.com.np).

10. Enable HTTPS on Cloudflare:

In Cloudflare, go to the "SSL/TLS" tab and ensure that SSL is set to "Full" or "Full (Strict)." This enables HTTPS for your website.

11. Update DNS Records on Cloudflare:

In Cloudflare, go to the "DNS" tab, and add DNS records for your GitHub Pages. Create a CNAME record pointing to your GitHub Pages URL.

12. Wait for DNS Propagation:

DNS changes may take some time to propagate. Be patient and periodically check your domain to see if it's pointing to your GitHub Pages.

13. Test Your Website:

Once the DNS propagation is complete, test your website by accessing it through your.com.np domain. Ensure that it's loading correctly, and that HTTPS is working.

By following these steps, you'll have your website hosted on GitHub Pages, with Cloudflare providing additional benefits such as CDN and SSL. Keep in mind that procedures may change, so always refer to the latest documentation from Cloudflare, GitHub, and the NTA for the most accurate and up-to-date information.

Snapshot of Portfolio

Figure 6.1 Home/Intro Page

Figure 6.2 About Page

Explore My
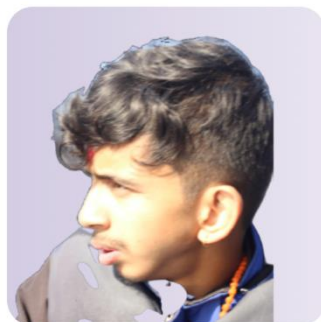
Experience

Frontend Development

- ✓ **HTML**
  Experienced
- ✓ **CSS**
  Experienced
- ✓ **C#**
  Intermediate
- ✓ **JavaScript**
  Basic
- ✓ **TypeScript**
  Basic
- ✓ **Material UI**
  Intermediate

Backend Development

- ✓ **PostgreSQL**
  Basic
- ✓ **Node JS**
  Basic
- ✓ **Express JS**
  Basic
- ✓ **Git**
  Basic

Figure 6.3 Skills Page

Browse My Recent

Projects

Project One

Github   Live Demo

Project Two

Github   Live Demo

Project Three

Github   Live Demo

Figure 6.4 Projects Page

Get in Touch

Contact Me

Mail   LinkedIn   Call

About   Experience   Projects   Contact

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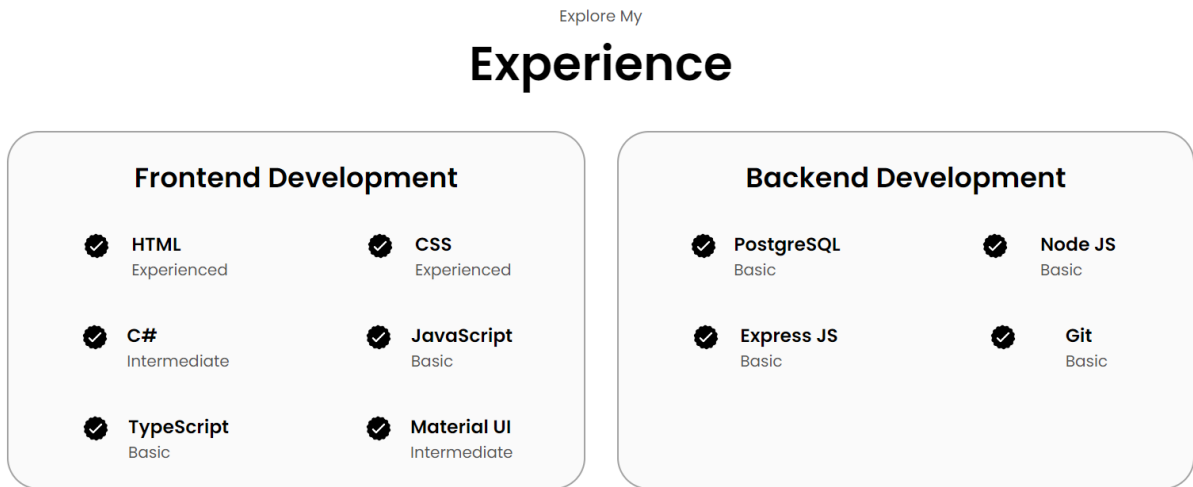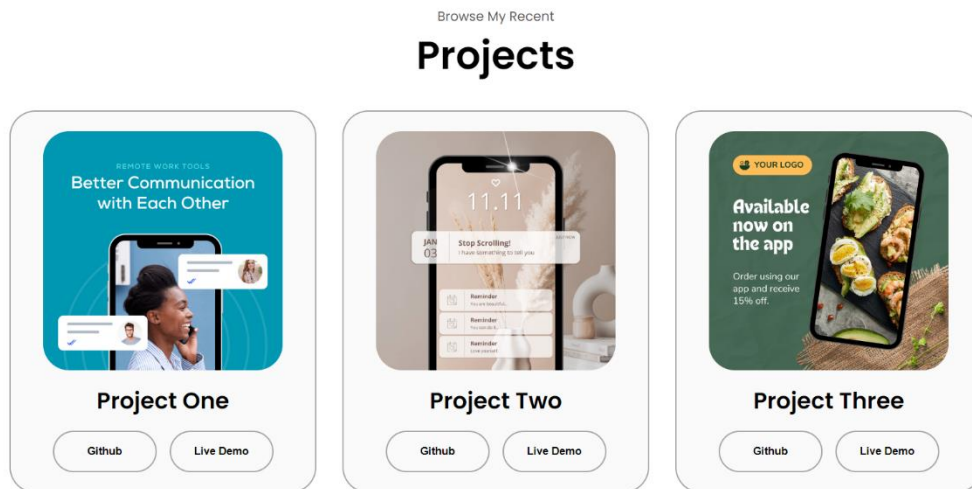
Figure 6.5 Contact Page

REFRENCES

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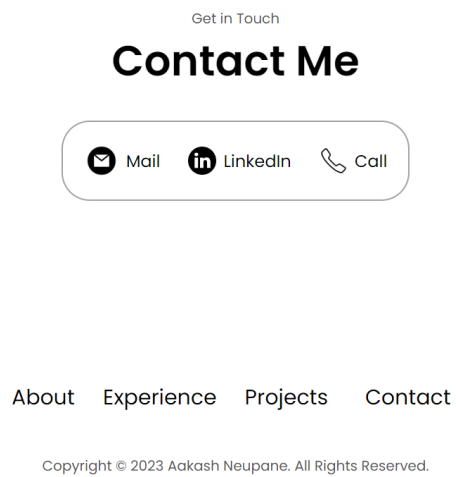- https://dotnet.microsoft.com/enus/languages/csharp#:~:text=C%23%20is%20a%20modern%2C%20innovative,5%20programming%20languages%20on%20G
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