Coding:

Login screen:

#pragma once

#include "lms.h"

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for Form1

/// </summary>

public ref class Form1 : public System::Windows::Forms::Form

{

public:

Form1(void)

{

InitializeComponent();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~Form1()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::Label^ label1;

private: System::Windows::Forms::Panel^ panel1;

private: System::Windows::Forms::PictureBox^ pictureBox1;

private: System::Windows::Forms::Button^ button1;

private: System::Windows::Forms::TextBox^ textBox2;

private: System::Windows::Forms::TextBox^ textBox1;

private: System::Windows::Forms::Label^ label3;

private: System::Windows::Forms::Label^ label2;

private: System::Windows::Forms::ProgressBar^ progressBar1;

private: System::Windows::Forms::Timer^ timer1;

private: System::ComponentModel::IContainer^ components;

protected:

private:

/// <summary>

/// Required designer variable.

/// </summary>

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

this->components = (gcnew System::ComponentModel::Container());

System::ComponentModel::ComponentResourceManager^ resources = (gcnew System::ComponentModel::ComponentResourceManager(Form1::typeid));

this->label1 = (gcnew System::Windows::Forms::Label());

this->panel1 = (gcnew System::Windows::Forms::Panel());

this->pictureBox1 = (gcnew System::Windows::Forms::PictureBox());

this->button1 = (gcnew System::Windows::Forms::Button());

this->textBox2 = (gcnew System::Windows::Forms::TextBox());

this->textBox1 = (gcnew System::Windows::Forms::TextBox());

this->label3 = (gcnew System::Windows::Forms::Label());

this->label2 = (gcnew System::Windows::Forms::Label());

this->progressBar1 = (gcnew System::Windows::Forms::ProgressBar());

this->timer1 = (gcnew System::Windows::Forms::Timer(this->components));

this->panel1->SuspendLayout();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox1))->BeginInit();

this->SuspendLayout();

//

// label1

//

this->label1->AutoSize = true;

this->label1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 24, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label1->Location = System::Drawing::Point(164, 25);

this->label1->Name = L"label1";

this->label1->Size = System::Drawing::Size(449, 37);

this->label1->TabIndex = 0;

this->label1->Text = L"Library Management System";

//

// panel1

//

this->panel1->Controls->Add(this->pictureBox1);

this->panel1->Controls->Add(this->button1);

this->panel1->Controls->Add(this->textBox2);

this->panel1->Controls->Add(this->textBox1);

this->panel1->Controls->Add(this->label3);

this->panel1->Controls->Add(this->label2);

this->panel1->Location = System::Drawing::Point(60, 100);

this->panel1->Name = L"panel1";

this->panel1->Size = System::Drawing::Size(612, 216);

this->panel1->TabIndex = 1;

//

// pictureBox1

//

this->pictureBox1->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox1.Image")));

this->pictureBox1->Location = System::Drawing::Point(25, 1);

this->pictureBox1->Name = L"pictureBox1";

this->pictureBox1->Size = System::Drawing::Size(254, 212);

this->pictureBox1->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox1->TabIndex = 14;

this->pictureBox1->TabStop = false;

//

// button1

//

this->button1->BackColor = System::Drawing::SystemColors::GradientInactiveCaption;

this->button1->BackgroundImageLayout = System::Windows::Forms::ImageLayout::Center;

this->button1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button1->Location = System::Drawing::Point(402, 116);

this->button1->Name = L"button1";

this->button1->Size = System::Drawing::Size(90, 29);

this->button1->TabIndex = 13;

this->button1->Text = L"SignIn";

this->button1->UseVisualStyleBackColor = false;

this->button1->Click += gcnew System::EventHandler(this, &Form1::button1\_Click);

//

// textBox2

//

this->textBox2->Location = System::Drawing::Point(459, 55);

this->textBox2->Name = L"textBox2";

this->textBox2->PasswordChar = '\*';

this->textBox2->Size = System::Drawing::Size(118, 21);

this->textBox2->TabIndex = 12;

//

// textBox1

//

this->textBox1->Location = System::Drawing::Point(459, 7);

this->textBox1->Name = L"textBox1";

this->textBox1->Size = System::Drawing::Size(118, 21);

this->textBox1->TabIndex = 11;

//

// label3

//

this->label3->AutoSize = true;

this->label3->Font = (gcnew System::Drawing::Font(L"Cambria", 15.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic))));

this->label3->Location = System::Drawing::Point(314, 50);

this->label3->Name = L"label3";

this->label3->Size = System::Drawing::Size(110, 25);

this->label3->TabIndex = 10;

this->label3->Text = L"Password:";

//

// label2

//

this->label2->AutoSize = true;

this->label2->Font = (gcnew System::Drawing::Font(L"Cambria", 15.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label2->Location = System::Drawing::Point(314, 2);

this->label2->Name = L"label2";

this->label2->Size = System::Drawing::Size(133, 25);

this->label2->TabIndex = 9;

this->label2->Text = L"Librarian Id:";

//

// progressBar1

//

this->progressBar1->Location = System::Drawing::Point(231, 326);

this->progressBar1->Name = L"progressBar1";

this->progressBar1->Size = System::Drawing::Size(253, 39);

this->progressBar1->TabIndex = 17;

//

// timer1

//

this->timer1->Tick += gcnew System::EventHandler(this, &Form1::timer1\_Tick);

//

// Form1

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->BackColor = System::Drawing::SystemColors::ActiveCaption;

this->ClientSize = System::Drawing::Size(757, 413);

this->Controls->Add(this->progressBar1);

this->Controls->Add(this->panel1);

this->Controls->Add(this->label1);

this->Name = L"Form1";

this->Text = L"Library Management System";

this->Load += gcnew System::EventHandler(this, &Form1::Form1\_Load);

this->panel1->ResumeLayout(false);

this->panel1->PerformLayout();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox1))->EndInit();

this->ResumeLayout(false);

this->PerformLayout();

}

#pragma endregion

private: System::Void textBox1\_TextChanged(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void button1\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.userlogin where uid='"+this->textBox1->Text+"' and psswrd='"+this->textBox2->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

this->panel1->Hide();

this->timer1->Start();

this->progressBar1->Show();

this->progressBar1->Minimum=1;

}

else

{

MessageBox::Show("Incorrect Username and password! Try Again!");

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void progressBar1\_Click(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void timer1\_Tick(System::Object^ sender, System::EventArgs^ e) {

this->progressBar1->Increment(3);

if(this->progressBar1->Value==100)

{

this->timer1->Stop();

lms^ form = gcnew lms;

this->Hide();

form->Show();

}

}

private: System::Void Form1\_Load(System::Object^ sender, System::EventArgs^ e) {

this->progressBar1->Hide();

}

};

}

Menu screen:

#pragma once

#include "StdAfx.h"

#include "Form2.h"

#include "IssueBook.h"

#include "Add.h"

#include "tchrb.h"

#include "returns.h"

#include "returnt.h"

#include "studetails.h"

#include "tdetails.h"

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

/// <summary>

/// Summary for lms

/// </summary>

public ref class lms : public System::Windows::Forms::Form

{

public:

lms(void)

{

InitializeComponent();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~lms()

{

if (components)

{

delete components;

}

}

protected:

private: System::Windows::Forms::Button^ button5;

private: System::Windows::Forms::Panel^ panel1;

private: System::Windows::Forms::Button^ button3;

private: System::Windows::Forms::Button^ button2;

private: System::Windows::Forms::Button^ button1;

private: System::Windows::Forms::PictureBox^ pictureBox1;

private: System::Windows::Forms::PictureBox^ pictureBox2;

private: System::Windows::Forms::PictureBox^ pictureBox5;

private: System::Windows::Forms::PictureBox^ pictureBox3;

private: System::Windows::Forms::Button^ button11;

private: System::Windows::Forms::PictureBox^ pictureBox8;

private: System::Windows::Forms::PictureBox^ pictureBox9;

private: System::Windows::Forms::Panel^ panel2;

private: System::Windows::Forms::Button^ button12;

private: System::Windows::Forms::Button^ button4;

private: System::Windows::Forms::PictureBox^ pictureBox4;

private: System::Windows::Forms::PictureBox^ pictureBox6;

private: System::Windows::Forms::Button^ button6;

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

System::ComponentModel::ComponentResourceManager^ resources = (gcnew System::ComponentModel::ComponentResourceManager(lms::typeid));

this->button5 = (gcnew System::Windows::Forms::Button());

this->panel1 = (gcnew System::Windows::Forms::Panel());

this->button3 = (gcnew System::Windows::Forms::Button());

this->button2 = (gcnew System::Windows::Forms::Button());

this->button1 = (gcnew System::Windows::Forms::Button());

this->pictureBox1 = (gcnew System::Windows::Forms::PictureBox());

this->pictureBox2 = (gcnew System::Windows::Forms::PictureBox());

this->pictureBox5 = (gcnew System::Windows::Forms::PictureBox());

this->pictureBox3 = (gcnew System::Windows::Forms::PictureBox());

this->button11 = (gcnew System::Windows::Forms::Button());

this->pictureBox8 = (gcnew System::Windows::Forms::PictureBox());

this->pictureBox9 = (gcnew System::Windows::Forms::PictureBox());

this->panel2 = (gcnew System::Windows::Forms::Panel());

this->pictureBox6 = (gcnew System::Windows::Forms::PictureBox());

this->button6 = (gcnew System::Windows::Forms::Button());

this->button4 = (gcnew System::Windows::Forms::Button());

this->pictureBox4 = (gcnew System::Windows::Forms::PictureBox());

this->button12 = (gcnew System::Windows::Forms::Button());

this->panel1->SuspendLayout();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox1))->BeginInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox2))->BeginInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox5))->BeginInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox3))->BeginInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox8))->BeginInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox9))->BeginInit();

this->panel2->SuspendLayout();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox6))->BeginInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox4))->BeginInit();

this->SuspendLayout();

//

// button5

//

this->button5->Cursor = System::Windows::Forms::Cursors::Hand;

this->button5->Location = System::Drawing::Point(37, 135);

this->button5->Name = L"button5";

this->button5->Size = System::Drawing::Size(75, 23);

this->button5->TabIndex = 16;

this->button5->Text = L"Add Book";

this->button5->UseVisualStyleBackColor = true;

this->button5->Click += gcnew System::EventHandler(this, &lms::button5\_Click);

//

// panel1

//

this->panel1->Controls->Add(this->button5);

this->panel1->Controls->Add(this->button3);

this->panel1->Controls->Add(this->button2);

this->panel1->Controls->Add(this->button1);

this->panel1->Controls->Add(this->pictureBox1);

this->panel1->Controls->Add(this->pictureBox2);

this->panel1->Controls->Add(this->pictureBox5);

this->panel1->Controls->Add(this->pictureBox3);

this->panel1->Location = System::Drawing::Point(1, -2);

this->panel1->Name = L"panel1";

this->panel1->Size = System::Drawing::Size(148, 506);

this->panel1->TabIndex = 15;

//

// button3

//

this->button3->Cursor = System::Windows::Forms::Cursors::Hand;

this->button3->Location = System::Drawing::Point(20, 301);

this->button3->Name = L"button3";

this->button3->Size = System::Drawing::Size(113, 23);

this->button3->TabIndex = 14;

this->button3->Text = L"Student\'s Detail";

this->button3->UseVisualStyleBackColor = true;

this->button3->Click += gcnew System::EventHandler(this, &lms::button3\_Click);

//

// button2

//

this->button2->Cursor = System::Windows::Forms::Cursors::Hand;

this->button2->Location = System::Drawing::Point(3, 220);

this->button2->Name = L"button2";

this->button2->Size = System::Drawing::Size(142, 23);

this->button2->TabIndex = 13;

this->button2->Text = L"Return Student\'s Book";

this->button2->UseVisualStyleBackColor = true;

this->button2->Click += gcnew System::EventHandler(this, &lms::button2\_Click);

//

// button1

//

this->button1->Cursor = System::Windows::Forms::Cursors::Hand;

this->button1->Location = System::Drawing::Point(37, 60);

this->button1->Name = L"button1";

this->button1->Size = System::Drawing::Size(75, 23);

this->button1->TabIndex = 12;

this->button1->Text = L"Issue Book";

this->button1->UseVisualStyleBackColor = true;

this->button1->Click += gcnew System::EventHandler(this, &lms::button1\_Click);

//

// pictureBox1

//

this->pictureBox1->Cursor = System::Windows::Forms::Cursors::Hand;

this->pictureBox1->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox1.Image")));

this->pictureBox1->Location = System::Drawing::Point(0, 89);

this->pictureBox1->Name = L"pictureBox1";

this->pictureBox1->Size = System::Drawing::Size(148, 60);

this->pictureBox1->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox1->TabIndex = 1;

this->pictureBox1->TabStop = false;

//

// pictureBox2

//

this->pictureBox2->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox2.Image")));

this->pictureBox2->Location = System::Drawing::Point(0, 0);

this->pictureBox2->Name = L"pictureBox2";

this->pictureBox2->Size = System::Drawing::Size(148, 69);

this->pictureBox2->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox2->TabIndex = 2;

this->pictureBox2->TabStop = false;

//

// pictureBox5

//

this->pictureBox5->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox5.Image")));

this->pictureBox5->Location = System::Drawing::Point(0, 170);

this->pictureBox5->Name = L"pictureBox5";

this->pictureBox5->Size = System::Drawing::Size(148, 55);

this->pictureBox5->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox5->TabIndex = 5;

this->pictureBox5->TabStop = false;

//

// pictureBox3

//

this->pictureBox3->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox3.Image")));

this->pictureBox3->Location = System::Drawing::Point(3, 250);

this->pictureBox3->Name = L"pictureBox3";

this->pictureBox3->Size = System::Drawing::Size(145, 64);

this->pictureBox3->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox3->TabIndex = 3;

this->pictureBox3->TabStop = false;

//

// button11

//

this->button11->Cursor = System::Windows::Forms::Cursors::Hand;

this->button11->Location = System::Drawing::Point(3, 142);

this->button11->Name = L"button11";

this->button11->Size = System::Drawing::Size(142, 23);

this->button11->TabIndex = 13;

this->button11->Text = L"Return Teacher\'s Book";

this->button11->UseVisualStyleBackColor = true;

this->button11->Click += gcnew System::EventHandler(this, &lms::button11\_Click);

//

// pictureBox8

//

this->pictureBox8->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox8.Image")));

this->pictureBox8->Location = System::Drawing::Point(0, 0);

this->pictureBox8->Name = L"pictureBox8";

this->pictureBox8->Size = System::Drawing::Size(148, 69);

this->pictureBox8->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox8->TabIndex = 2;

this->pictureBox8->TabStop = false;

//

// pictureBox9

//

this->pictureBox9->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox9.Image")));

this->pictureBox9->Location = System::Drawing::Point(0, 89);

this->pictureBox9->Name = L"pictureBox9";

this->pictureBox9->Size = System::Drawing::Size(148, 55);

this->pictureBox9->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox9->TabIndex = 5;

this->pictureBox9->TabStop = false;

//

// panel2

//

this->panel2->Controls->Add(this->pictureBox6);

this->panel2->Controls->Add(this->button6);

this->panel2->Controls->Add(this->button4);

this->panel2->Controls->Add(this->pictureBox4);

this->panel2->Controls->Add(this->button11);

this->panel2->Controls->Add(this->button12);

this->panel2->Controls->Add(this->pictureBox8);

this->panel2->Controls->Add(this->pictureBox9);

this->panel2->Location = System::Drawing::Point(747, -2);

this->panel2->Name = L"panel2";

this->panel2->Size = System::Drawing::Size(148, 506);

this->panel2->TabIndex = 17;

//

// pictureBox6

//

this->pictureBox6->Cursor = System::Windows::Forms::Cursors::Hand;

this->pictureBox6->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox6.Image")));

this->pictureBox6->Location = System::Drawing::Point(9, 433);

this->pictureBox6->Name = L"pictureBox6";

this->pictureBox6->Size = System::Drawing::Size(91, 73);

this->pictureBox6->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox6->TabIndex = 21;

this->pictureBox6->TabStop = false;

//

// button6

//

this->button6->Cursor = System::Windows::Forms::Cursors::Hand;

this->button6->Location = System::Drawing::Point(93, 453);

this->button6->Name = L"button6";

this->button6->Size = System::Drawing::Size(52, 39);

this->button6->TabIndex = 20;

this->button6->Text = L"Close";

this->button6->UseVisualStyleBackColor = true;

this->button6->Click += gcnew System::EventHandler(this, &lms::button6\_Click\_1);

//

// button4

//

this->button4->Cursor = System::Windows::Forms::Cursors::Hand;

this->button4->Location = System::Drawing::Point(13, 242);

this->button4->Name = L"button4";

this->button4->Size = System::Drawing::Size(123, 23);

this->button4->TabIndex = 19;

this->button4->Text = L"Teacher\'s Detail";

this->button4->UseVisualStyleBackColor = true;

this->button4->Click += gcnew System::EventHandler(this, &lms::button4\_Click);

//

// pictureBox4

//

this->pictureBox4->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox4.Image")));

this->pictureBox4->Location = System::Drawing::Point(2, 173);

this->pictureBox4->Name = L"pictureBox4";

this->pictureBox4->Size = System::Drawing::Size(145, 69);

this->pictureBox4->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox4->TabIndex = 18;

this->pictureBox4->TabStop = false;

//

// button12

//

this->button12->Cursor = System::Windows::Forms::Cursors::Hand;

this->button12->Location = System::Drawing::Point(9, 60);

this->button12->Name = L"button12";

this->button12->Size = System::Drawing::Size(130, 23);

this->button12->TabIndex = 12;

this->button12->Text = L"Issue Teacher\'s Book";

this->button12->UseVisualStyleBackColor = true;

this->button12->Click += gcnew System::EventHandler(this, &lms::button12\_Click);

//

// lms

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->ClientSize = System::Drawing::Size(895, 502);

this->Controls->Add(this->panel2);

this->Controls->Add(this->panel1);

this->IsMdiContainer = true;

this->Name = L"lms";

this->Text = L"Library Management System";

this->panel1->ResumeLayout(false);

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox1))->EndInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox2))->EndInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox5))->EndInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox3))->EndInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox8))->EndInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox9))->EndInit();

this->panel2->ResumeLayout(false);

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox6))->EndInit();

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox4))->EndInit();

this->ResumeLayout(false);

}

#pragma endregion

private: System::Void button6\_Click(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void button1\_Click(System::Object^ sender, System::EventArgs^ e) {

LibraryManagementSystem ::IssueBook^ MyBaby = gcnew LibraryManagementSystem::IssueBook;

MyBaby->MdiParent = this;

MyBaby->Show();

}

private: System::Void button5\_Click(System::Object^ sender, System::EventArgs^ e) {

LibraryManagementSystem ::Add^ MyBaby = gcnew LibraryManagementSystem::Add;

MyBaby->MdiParent = this;

MyBaby->Show();

}

private: System::Void button7\_Click(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void button6\_Click\_1(System::Object^ sender, System::EventArgs^ e) {

this->Hide();

}

private: System::Void button12\_Click(System::Object^ sender, System::EventArgs^ e) {

LibraryManagementSystem ::tchrb^ MyBaby = gcnew LibraryManagementSystem::tchrb;

MyBaby->MdiParent = this;

MyBaby->Show();

}

private: System::Void button11\_Click(System::Object^ sender, System::EventArgs^ e) {

LibraryManagementSystem ::returnt^ MyBaby = gcnew LibraryManagementSystem::returnt;

MyBaby->MdiParent = this;

MyBaby->Show();

}

private: System::Void button2\_Click(System::Object^ sender, System::EventArgs^ e) {

LibraryManagementSystem ::returns^ MyBaby = gcnew LibraryManagementSystem::returns;

MyBaby->MdiParent = this;

MyBaby->Show();

}

private: System::Void button3\_Click(System::Object^ sender, System::EventArgs^ e) {

LibraryManagementSystem ::studetails^ MyBaby = gcnew LibraryManagementSystem::studetails;

MyBaby->MdiParent = this;

MyBaby->Show();

}

private: System::Void button4\_Click(System::Object^ sender, System::EventArgs^ e) {

LibraryManagementSystem ::tdetails^ MyBaby = gcnew LibraryManagementSystem::tdetails;

MyBaby->MdiParent = this;

MyBaby->Show();

}

};

}

Issue student’s book screen:

#pragma once

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for IssueBook

/// </summary>

public ref class IssueBook : public System::Windows::Forms::Form

{

public:

IssueBook(void)

{

InitializeComponent();

Fillcombo();

Fillcombo2();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~IssueBook()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::Label^ label1;

protected:

private: System::Windows::Forms::Button^ button1;

private: System::Windows::Forms::Panel^ panel1;

private: System::Windows::Forms::Panel^ panel2;

private: System::Windows::Forms::TextBox^ textBox7;

private: System::Windows::Forms::TextBox^ textBox6;

private: System::Windows::Forms::TextBox^ textBox5;

private: System::Windows::Forms::Label^ label8;

private: System::Windows::Forms::Label^ label7;

private: System::Windows::Forms::Label^ label6;

private: System::Windows::Forms::Button^ button2;

private: System::Windows::Forms::Label^ label5;

private: System::Windows::Forms::Label^ label4;

private: System::Windows::Forms::TextBox^ textBox3;

private: System::Windows::Forms::Label^ label3;

private: System::Windows::Forms::TextBox^ textBox2;

private: System::Windows::Forms::Label^ label2;

private: System::Windows::Forms::Button^ button3;

private: System::Windows::Forms::ComboBox^ comboBox1;

private: System::Windows::Forms::Label^ label9;

private: System::Windows::Forms::TextBox^ textBox4;

private: System::Windows::Forms::Label^ label10;

private: System::Windows::Forms::ComboBox^ comboBox2;

private: System::Windows::Forms::TextBox^ textBox1;

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

this->label1 = (gcnew System::Windows::Forms::Label());

this->button1 = (gcnew System::Windows::Forms::Button());

this->panel1 = (gcnew System::Windows::Forms::Panel());

this->comboBox1 = (gcnew System::Windows::Forms::ComboBox());

this->panel2 = (gcnew System::Windows::Forms::Panel());

this->textBox4 = (gcnew System::Windows::Forms::TextBox());

this->label10 = (gcnew System::Windows::Forms::Label());

this->label9 = (gcnew System::Windows::Forms::Label());

this->textBox7 = (gcnew System::Windows::Forms::TextBox());

this->textBox6 = (gcnew System::Windows::Forms::TextBox());

this->textBox5 = (gcnew System::Windows::Forms::TextBox());

this->label8 = (gcnew System::Windows::Forms::Label());

this->label7 = (gcnew System::Windows::Forms::Label());

this->label6 = (gcnew System::Windows::Forms::Label());

this->button2 = (gcnew System::Windows::Forms::Button());

this->label5 = (gcnew System::Windows::Forms::Label());

this->label4 = (gcnew System::Windows::Forms::Label());

this->textBox3 = (gcnew System::Windows::Forms::TextBox());

this->label3 = (gcnew System::Windows::Forms::Label());

this->textBox2 = (gcnew System::Windows::Forms::TextBox());

this->label2 = (gcnew System::Windows::Forms::Label());

this->button3 = (gcnew System::Windows::Forms::Button());

this->comboBox2 = (gcnew System::Windows::Forms::ComboBox());

this->textBox1 = (gcnew System::Windows::Forms::TextBox());

this->panel1->SuspendLayout();

this->panel2->SuspendLayout();

this->SuspendLayout();

//

// label1

//

this->label1->AutoSize = true;

this->label1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 11.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label1->Location = System::Drawing::Point(43, 20);

this->label1->Name = L"label1";

this->label1->Size = System::Drawing::Size(101, 18);

this->label1->TabIndex = 0;

this->label1->Text = L"Student\'s id:";

//

// button1

//

this->button1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button1->Location = System::Drawing::Point(296, 20);

this->button1->Name = L"button1";

this->button1->Size = System::Drawing::Size(75, 23);

this->button1->TabIndex = 3;

this->button1->Text = L"Check";

this->button1->UseVisualStyleBackColor = true;

this->button1->Click += gcnew System::EventHandler(this, &IssueBook::button1\_Click);

//

// panel1

//

this->panel1->Controls->Add(this->comboBox1);

this->panel1->Controls->Add(this->panel2);

this->panel1->Controls->Add(this->button2);

this->panel1->Controls->Add(this->label5);

this->panel1->Controls->Add(this->label4);

this->panel1->Controls->Add(this->textBox3);

this->panel1->Controls->Add(this->label3);

this->panel1->Controls->Add(this->textBox2);

this->panel1->Controls->Add(this->label2);

this->panel1->Location = System::Drawing::Point(37, 47);

this->panel1->Name = L"panel1";

this->panel1->Size = System::Drawing::Size(533, 314);

this->panel1->TabIndex = 4;

//

// comboBox1

//

this->comboBox1->FormattingEnabled = true;

this->comboBox1->Location = System::Drawing::Point(98, 68);

this->comboBox1->Name = L"comboBox1";

this->comboBox1->Size = System::Drawing::Size(121, 21);

this->comboBox1->TabIndex = 18;

//

// panel2

//

this->panel2->Controls->Add(this->textBox1);

this->panel2->Controls->Add(this->textBox4);

this->panel2->Controls->Add(this->label10);

this->panel2->Controls->Add(this->label9);

this->panel2->Controls->Add(this->textBox7);

this->panel2->Controls->Add(this->textBox6);

this->panel2->Controls->Add(this->textBox5);

this->panel2->Controls->Add(this->label8);

this->panel2->Controls->Add(this->label7);

this->panel2->Controls->Add(this->label6);

this->panel2->Location = System::Drawing::Point(12, 92);

this->panel2->Name = L"panel2";

this->panel2->Size = System::Drawing::Size(518, 219);

this->panel2->TabIndex = 17;

this->panel2->Paint += gcnew System::Windows::Forms::PaintEventHandler(this, &IssueBook::panel2\_Paint);

//

// textBox4

//

this->textBox4->Location = System::Drawing::Point(9, 112);

this->textBox4->Name = L"textBox4";

this->textBox4->Size = System::Drawing::Size(100, 21);

this->textBox4->TabIndex = 22;

//

// label10

//

this->label10->AutoSize = true;

this->label10->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label10->Location = System::Drawing::Point(6, 96);

this->label10->Name = L"label10";

this->label10->Size = System::Drawing::Size(236, 13);

this->label10->TabIndex = 21;

this->label10->Text = L"Return date from the calendar specified:";

//

// label9

//

this->label9->AutoSize = true;

this->label9->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label9->Location = System::Drawing::Point(221, 72);

this->label9->Name = L"label9";

this->label9->Size = System::Drawing::Size(72, 13);

this->label9->TabIndex = 19;

this->label9->Text = L"Issue Date:";

//

// textBox7

//

this->textBox7->Location = System::Drawing::Point(76, 51);

this->textBox7->Name = L"textBox7";

this->textBox7->Size = System::Drawing::Size(100, 21);

this->textBox7->TabIndex = 5;

//

// textBox6

//

this->textBox6->Location = System::Drawing::Point(306, 25);

this->textBox6->Name = L"textBox6";

this->textBox6->Size = System::Drawing::Size(100, 21);

this->textBox6->TabIndex = 4;

//

// textBox5

//

this->textBox5->Location = System::Drawing::Point(76, 22);

this->textBox5->Name = L"textBox5";

this->textBox5->Size = System::Drawing::Size(100, 21);

this->textBox5->TabIndex = 3;

//

// label8

//

this->label8->AutoSize = true;

this->label8->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label8->Location = System::Drawing::Point(6, 54);

this->label8->Name = L"label8";

this->label8->Size = System::Drawing::Size(63, 13);

this->label8->TabIndex = 2;

this->label8->Text = L"Publisher:";

this->label8->Click += gcnew System::EventHandler(this, &IssueBook::label8\_Click);

//

// label7

//

this->label7->AutoSize = true;

this->label7->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label7->Location = System::Drawing::Point(220, 29);

this->label7->Name = L"label7";

this->label7->Size = System::Drawing::Size(81, 13);

this->label7->TabIndex = 1;

this->label7->Text = L"Book Author:";

//

// label6

//

this->label6->AutoSize = true;

this->label6->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label6->Location = System::Drawing::Point(0, 24);

this->label6->Name = L"label6";

this->label6->Size = System::Drawing::Size(76, 13);

this->label6->TabIndex = 0;

this->label6->Text = L"Book Name:";

//

// button2

//

this->button2->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button2->Location = System::Drawing::Point(250, 66);

this->button2->Name = L"button2";

this->button2->Size = System::Drawing::Size(75, 23);

this->button2->TabIndex = 16;

this->button2->Text = L"Details";

this->button2->UseVisualStyleBackColor = true;

this->button2->Click += gcnew System::EventHandler(this, &IssueBook::button2\_Click);

//

// label5

//

this->label5->AutoSize = true;

this->label5->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label5->Location = System::Drawing::Point(22, 76);

this->label5->Name = L"label5";

this->label5->Size = System::Drawing::Size(51, 13);

this->label5->TabIndex = 15;

this->label5->Text = L"Book Id";

//

// label4

//

this->label4->AutoSize = true;

this->label4->Location = System::Drawing::Point(22, 76);

this->label4->Name = L"label4";

this->label4->Size = System::Drawing::Size(0, 13);

this->label4->TabIndex = 13;

//

// textBox3

//

this->textBox3->Location = System::Drawing::Point(332, 11);

this->textBox3->Name = L"textBox3";

this->textBox3->Size = System::Drawing::Size(100, 21);

this->textBox3->TabIndex = 12;

//

// label3

//

this->label3->AutoSize = true;

this->label3->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label3->Location = System::Drawing::Point(268, 13);

this->label3->Name = L"label3";

this->label3->Size = System::Drawing::Size(47, 13);

this->label3->TabIndex = 11;

this->label3->Text = L"Branch";

//

// textBox2

//

this->textBox2->Location = System::Drawing::Point(98, 11);

this->textBox2->Name = L"textBox2";

this->textBox2->Size = System::Drawing::Size(100, 21);

this->textBox2->TabIndex = 10;

//

// label2

//

this->label2->AutoSize = true;

this->label2->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label2->Location = System::Drawing::Point(22, 14);

this->label2->Name = L"label2";

this->label2->Size = System::Drawing::Size(43, 13);

this->label2->TabIndex = 9;

this->label2->Text = L"Name:";

//

// button3

//

this->button3->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button3->Location = System::Drawing::Point(237, 367);

this->button3->Name = L"button3";

this->button3->Size = System::Drawing::Size(105, 29);

this->button3->TabIndex = 5;

this->button3->Text = L"Submit";

this->button3->UseVisualStyleBackColor = true;

this->button3->Click += gcnew System::EventHandler(this, &IssueBook::button3\_Click);

//

// comboBox2

//

this->comboBox2->FormattingEnabled = true;

this->comboBox2->Location = System::Drawing::Point(150, 20);

this->comboBox2->Name = L"comboBox2";

this->comboBox2->Size = System::Drawing::Size(121, 21);

this->comboBox2->TabIndex = 6;

this->comboBox2->SelectedIndexChanged += gcnew System::EventHandler(this, &IssueBook::comboBox2\_SelectedIndexChanged);

//

// textBox1

//

this->textBox1->Location = System::Drawing::Point(299, 69);

this->textBox1->Name = L"textBox1";

this->textBox1->Size = System::Drawing::Size(100, 21);

this->textBox1->TabIndex = 23;

//

// IssueBook

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->BackColor = System::Drawing::SystemColors::ActiveCaption;

this->ClientSize = System::Drawing::Size(582, 407);

this->Controls->Add(this->comboBox2);

this->Controls->Add(this->button3);

this->Controls->Add(this->panel1);

this->Controls->Add(this->button1);

this->Controls->Add(this->label1);

this->Name = L"IssueBook";

this->StartPosition = System::Windows::Forms::FormStartPosition::CenterScreen;

this->Text = L"IssueBook";

this->Load += gcnew System::EventHandler(this, &IssueBook::IssueBook\_Load);

this->MdiChildActivate += gcnew System::EventHandler(this, &IssueBook::IssueBook\_Load);

this->panel1->ResumeLayout(false);

this->panel1->PerformLayout();

this->panel2->ResumeLayout(false);

this->panel2->PerformLayout();

this->ResumeLayout(false);

this->PerformLayout();

}

#pragma endregion

private: System::Void panel2\_Paint(System::Object^ sender, System::Windows::Forms::PaintEventArgs^ e) {

}

private: System::Void button1\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.students where stuid='"+this->comboBox2->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

this->panel1->Show();

Filltext();

}

else

{

MessageBox::Show("Incorrect student id! add student if doesnot exist");

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Filltext(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.students where stuid='"+this->comboBox2->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

int count=0;

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

String^ vname;

vname=myReader->GetString("stuname");

textBox2->Text=vname;

String^ bname;

bname=myReader->GetString("stubranch");

textBox3->Text=bname;

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void IssueBook\_Load(System::Object^ sender, System::EventArgs^ e) {

this->panel1->Hide();

this->panel2->Hide();

}

private: System::Void button2\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.students where stuid='"+this->comboBox2->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

this->panel2->Show();

Filltext2();

}

else

{

MessageBox::Show("Incorrect student id! add student if doesnot exist");

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Filltext2(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.books where bookid='"+this->comboBox1->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

int count=0;

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

String^ vname;

vname=myReader->GetString("bname");

textBox5->Text=vname;

String^ uname;

uname=myReader->GetString("bauthor");

textBox6->Text=uname;

String^ tname;

tname=myReader->GetString("bpublisher");

textBox7->Text=tname;

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void label8\_Click(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void textBox1\_TextChanged(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void comboBox2\_SelectedIndexChanged(System::Object^ sender, System::EventArgs^ e) {

}

private:void Fillcombo(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.students;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

int id;

id=myReader->GetInt32("stuid");

comboBox2->Items->Add(id);

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Fillcombo2(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.books;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

int id;

id=myReader->GetInt32("bookid");

comboBox1->Items->Add(id);

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void button3\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("insert into library.issuestu(stuid,stuname,stubranch,bookid,bname,bauthor,bpublisher,idate,rdate)values('"+this->comboBox2->Text+"','"+this->textBox2->Text+"','"+this->textBox3->Text+"','"+this->comboBox1->Text+"','"+this->textBox5->Text+"','"+this->textBox6->Text+"','"+this->textBox7->Text+"','"+this->textBox1->Text+"','"+this->textBox4->Text+"');",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

MessageBox::Show("Book Issued!");

while(myReader->Read())

{

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

};

}

Issue Teacher’s book screen:

#pragma once

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for tchrb

/// </summary>

public ref class tchrb : public System::Windows::Forms::Form

{

public:

tchrb(void)

{

InitializeComponent();

Fillcombo();

Fillcombo2();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~tchrb()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::Label^ label3;

protected:

private: System::Windows::Forms::TextBox^ textBox4;

private: System::Windows::Forms::TextBox^ textBox2;

private: System::Windows::Forms::Button^ button3;

private: System::Windows::Forms::Label^ label2;

private: System::Windows::Forms::Label^ label10;

private: System::Windows::Forms::Label^ label1;

private: System::Windows::Forms::TextBox^ textBox3;

private: System::Windows::Forms::Label^ label9;

private: System::Windows::Forms::TextBox^ textBox7;

private: System::Windows::Forms::TextBox^ textBox6;

private: System::Windows::Forms::TextBox^ textBox5;

private: System::Windows::Forms::Label^ label8;

private: System::Windows::Forms::Label^ label7;

private: System::Windows::Forms::ComboBox^ comboBox1;

private: System::Windows::Forms::Panel^ panel1;

private: System::Windows::Forms::Panel^ panel2;

private: System::Windows::Forms::Label^ label6;

private: System::Windows::Forms::Button^ button2;

private: System::Windows::Forms::Label^ label5;

private: System::Windows::Forms::Label^ label4;

private: System::Windows::Forms::Button^ button1;

private: System::Windows::Forms::TextBox^ textBox1;

private: System::Windows::Forms::ComboBox^ comboBox2;

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

this->label3 = (gcnew System::Windows::Forms::Label());

this->textBox4 = (gcnew System::Windows::Forms::TextBox());

this->textBox2 = (gcnew System::Windows::Forms::TextBox());

this->button3 = (gcnew System::Windows::Forms::Button());

this->label2 = (gcnew System::Windows::Forms::Label());

this->label10 = (gcnew System::Windows::Forms::Label());

this->label1 = (gcnew System::Windows::Forms::Label());

this->textBox3 = (gcnew System::Windows::Forms::TextBox());

this->label9 = (gcnew System::Windows::Forms::Label());

this->textBox7 = (gcnew System::Windows::Forms::TextBox());

this->textBox6 = (gcnew System::Windows::Forms::TextBox());

this->textBox5 = (gcnew System::Windows::Forms::TextBox());

this->label8 = (gcnew System::Windows::Forms::Label());

this->label7 = (gcnew System::Windows::Forms::Label());

this->comboBox1 = (gcnew System::Windows::Forms::ComboBox());

this->panel1 = (gcnew System::Windows::Forms::Panel());

this->panel2 = (gcnew System::Windows::Forms::Panel());

this->textBox1 = (gcnew System::Windows::Forms::TextBox());

this->label6 = (gcnew System::Windows::Forms::Label());

this->button2 = (gcnew System::Windows::Forms::Button());

this->label5 = (gcnew System::Windows::Forms::Label());

this->label4 = (gcnew System::Windows::Forms::Label());

this->button1 = (gcnew System::Windows::Forms::Button());

this->comboBox2 = (gcnew System::Windows::Forms::ComboBox());

this->panel1->SuspendLayout();

this->panel2->SuspendLayout();

this->SuspendLayout();

//

// label3

//

this->label3->AutoSize = true;

this->label3->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label3->Location = System::Drawing::Point(268, 13);

this->label3->Name = L"label3";

this->label3->Size = System::Drawing::Size(47, 13);

this->label3->TabIndex = 11;

this->label3->Text = L"Branch";

//

// textBox4

//

this->textBox4->Location = System::Drawing::Point(9, 112);

this->textBox4->Name = L"textBox4";

this->textBox4->Size = System::Drawing::Size(100, 21);

this->textBox4->TabIndex = 22;

//

// textBox2

//

this->textBox2->Location = System::Drawing::Point(98, 11);

this->textBox2->Name = L"textBox2";

this->textBox2->Size = System::Drawing::Size(100, 21);

this->textBox2->TabIndex = 10;

//

// button3

//

this->button3->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button3->Location = System::Drawing::Point(237, 373);

this->button3->Name = L"button3";

this->button3->Size = System::Drawing::Size(105, 29);

this->button3->TabIndex = 10;

this->button3->Text = L"Submit";

this->button3->UseVisualStyleBackColor = true;

this->button3->Click += gcnew System::EventHandler(this, &tchrb::button3\_Click);

//

// label2

//

this->label2->AutoSize = true;

this->label2->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label2->Location = System::Drawing::Point(22, 14);

this->label2->Name = L"label2";

this->label2->Size = System::Drawing::Size(43, 13);

this->label2->TabIndex = 9;

this->label2->Text = L"Name:";

//

// label10

//

this->label10->AutoSize = true;

this->label10->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label10->Location = System::Drawing::Point(6, 96);

this->label10->Name = L"label10";

this->label10->Size = System::Drawing::Size(236, 13);

this->label10->TabIndex = 21;

this->label10->Text = L"Return date from the calendar specified:";

//

// label1

//

this->label1->AutoSize = true;

this->label1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 11.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label1->Location = System::Drawing::Point(43, 26);

this->label1->Name = L"label1";

this->label1->Size = System::Drawing::Size(105, 18);

this->label1->TabIndex = 6;

this->label1->Text = L"Teacher\'s id:";

//

// textBox3

//

this->textBox3->Location = System::Drawing::Point(332, 11);

this->textBox3->Name = L"textBox3";

this->textBox3->Size = System::Drawing::Size(100, 21);

this->textBox3->TabIndex = 12;

//

// label9

//

this->label9->AutoSize = true;

this->label9->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label9->Location = System::Drawing::Point(221, 72);

this->label9->Name = L"label9";

this->label9->Size = System::Drawing::Size(72, 13);

this->label9->TabIndex = 19;

this->label9->Text = L"Issue Date:";

//

// textBox7

//

this->textBox7->Location = System::Drawing::Point(76, 51);

this->textBox7->Name = L"textBox7";

this->textBox7->Size = System::Drawing::Size(100, 21);

this->textBox7->TabIndex = 5;

//

// textBox6

//

this->textBox6->Location = System::Drawing::Point(306, 25);

this->textBox6->Name = L"textBox6";

this->textBox6->Size = System::Drawing::Size(100, 21);

this->textBox6->TabIndex = 4;

//

// textBox5

//

this->textBox5->Location = System::Drawing::Point(76, 22);

this->textBox5->Name = L"textBox5";

this->textBox5->Size = System::Drawing::Size(100, 21);

this->textBox5->TabIndex = 3;

//

// label8

//

this->label8->AutoSize = true;

this->label8->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label8->Location = System::Drawing::Point(6, 54);

this->label8->Name = L"label8";

this->label8->Size = System::Drawing::Size(63, 13);

this->label8->TabIndex = 2;

this->label8->Text = L"Publisher:";

//

// label7

//

this->label7->AutoSize = true;

this->label7->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label7->Location = System::Drawing::Point(220, 29);

this->label7->Name = L"label7";

this->label7->Size = System::Drawing::Size(81, 13);

this->label7->TabIndex = 1;

this->label7->Text = L"Book Author:";

//

// comboBox1

//

this->comboBox1->FormattingEnabled = true;

this->comboBox1->Location = System::Drawing::Point(98, 68);

this->comboBox1->Name = L"comboBox1";

this->comboBox1->Size = System::Drawing::Size(121, 21);

this->comboBox1->TabIndex = 18;

//

// panel1

//

this->panel1->Controls->Add(this->comboBox1);

this->panel1->Controls->Add(this->panel2);

this->panel1->Controls->Add(this->button2);

this->panel1->Controls->Add(this->label5);

this->panel1->Controls->Add(this->label4);

this->panel1->Controls->Add(this->textBox3);

this->panel1->Controls->Add(this->label3);

this->panel1->Controls->Add(this->textBox2);

this->panel1->Controls->Add(this->label2);

this->panel1->Location = System::Drawing::Point(37, 53);

this->panel1->Name = L"panel1";

this->panel1->Size = System::Drawing::Size(533, 314);

this->panel1->TabIndex = 9;

//

// panel2

//

this->panel2->Controls->Add(this->textBox1);

this->panel2->Controls->Add(this->textBox4);

this->panel2->Controls->Add(this->label10);

this->panel2->Controls->Add(this->label9);

this->panel2->Controls->Add(this->textBox7);

this->panel2->Controls->Add(this->textBox6);

this->panel2->Controls->Add(this->textBox5);

this->panel2->Controls->Add(this->label8);

this->panel2->Controls->Add(this->label7);

this->panel2->Controls->Add(this->label6);

this->panel2->Location = System::Drawing::Point(12, 92);

this->panel2->Name = L"panel2";

this->panel2->Size = System::Drawing::Size(518, 219);

this->panel2->TabIndex = 17;

//

// textBox1

//

this->textBox1->Location = System::Drawing::Point(306, 69);

this->textBox1->Name = L"textBox1";

this->textBox1->Size = System::Drawing::Size(100, 21);

this->textBox1->TabIndex = 23;

//

// label6

//

this->label6->AutoSize = true;

this->label6->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label6->Location = System::Drawing::Point(0, 24);

this->label6->Name = L"label6";

this->label6->Size = System::Drawing::Size(76, 13);

this->label6->TabIndex = 0;

this->label6->Text = L"Book Name:";

//

// button2

//

this->button2->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button2->Location = System::Drawing::Point(250, 66);

this->button2->Name = L"button2";

this->button2->Size = System::Drawing::Size(75, 23);

this->button2->TabIndex = 16;

this->button2->Text = L"Details";

this->button2->UseVisualStyleBackColor = true;

this->button2->Click += gcnew System::EventHandler(this, &tchrb::button2\_Click);

//

// label5

//

this->label5->AutoSize = true;

this->label5->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->label5->Location = System::Drawing::Point(22, 76);

this->label5->Name = L"label5";

this->label5->Size = System::Drawing::Size(51, 13);

this->label5->TabIndex = 15;

this->label5->Text = L"Book Id";

//

// label4

//

this->label4->AutoSize = true;

this->label4->Location = System::Drawing::Point(22, 76);

this->label4->Name = L"label4";

this->label4->Size = System::Drawing::Size(0, 13);

this->label4->TabIndex = 13;

//

// button1

//

this->button1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button1->Location = System::Drawing::Point(296, 26);

this->button1->Name = L"button1";

this->button1->Size = System::Drawing::Size(75, 23);

this->button1->TabIndex = 8;

this->button1->Text = L"Check";

this->button1->UseVisualStyleBackColor = true;

this->button1->Click += gcnew System::EventHandler(this, &tchrb::button1\_Click);

//

// comboBox2

//

this->comboBox2->FormattingEnabled = true;

this->comboBox2->Location = System::Drawing::Point(154, 26);

this->comboBox2->Name = L"comboBox2";

this->comboBox2->Size = System::Drawing::Size(121, 21);

this->comboBox2->TabIndex = 11;

//

// tchrb

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->ClientSize = System::Drawing::Size(606, 429);

this->Controls->Add(this->comboBox2);

this->Controls->Add(this->button3);

this->Controls->Add(this->label1);

this->Controls->Add(this->panel1);

this->Controls->Add(this->button1);

this->Name = L"tchrb";

this->Text = L"IssueTeacherBook";

this->Load += gcnew System::EventHandler(this, &tchrb::tchrb\_Load);

this->panel1->ResumeLayout(false);

this->panel1->PerformLayout();

this->panel2->ResumeLayout(false);

this->panel2->PerformLayout();

this->ResumeLayout(false);

this->PerformLayout();

}

#pragma endregion

private: System::Void button1\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.teacher where tid='"+this->comboBox2->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

this->panel1->Show();

Filltext();

}

else

{

MessageBox::Show("Incorrect teacher id! add teacher id if doesnot exist");

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Filltext(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.teacher where tid='"+this->comboBox2->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

int count=0;

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

String^ vname;

vname=myReader->GetString("tname");

textBox2->Text=vname;

String^ bname;

bname=myReader->GetString("tbranch");

textBox3->Text=bname;

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Fillcombo(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.teacher;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

int id;

id=myReader->GetInt32("tid");

comboBox2->Items->Add(id);

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void button2\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.teacher where tid='"+this->comboBox2->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

this->panel2->Show();

Filltext2();

}

else

{

MessageBox::Show("Incorrect teacher id! add teacher if doesnot exist");

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Filltext2(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.books where bookid='"+this->comboBox1->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

int count=0;

while(myReader->Read())

{

count=count+1;

}

if(count==1)

{

String^ vname;

vname=myReader->GetString("bname");

textBox5->Text=vname;

String^ uname;

uname=myReader->GetString("bauthor");

textBox6->Text=uname;

String^ tname;

tname=myReader->GetString("bpublisher");

textBox7->Text=tname;

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void tchrb\_Load(System::Object^ sender, System::EventArgs^ e) {

this->panel1->Hide();

this->panel2->Hide();

}

private:void Fillcombo2(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.books;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

int id;

id=myReader->GetInt32("bookid");

comboBox1->Items->Add(id);

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void button3\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("insert into library.issuet(tid,tname,tbranch,bid,bname,bauthor,bpublisher,idate,rdate)values('"+this->comboBox2->Text+"','"+this->textBox2->Text+"','"+this->textBox3->Text+"','"+this->comboBox1->Text+"','"+this->textBox5->Text+"','"+this->textBox6->Text+"','"+this->textBox7->Text+"','"+this->textBox1->Text+"','"+this->textBox4->Text+"');",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

MessageBox::Show("Book Issued!");

while(myReader->Read())

{

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

};

}

Return Student’s book:

#pragma once

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for returns

/// </summary>

public ref class returns : public System::Windows::Forms::Form

{

public:

returns(void)

{

InitializeComponent();

Fillcombo();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~returns()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::Label^ label1;

protected:

private: System::Windows::Forms::Label^ label2;

private: System::Windows::Forms::TextBox^ textBox2;

private: System::Windows::Forms::Button^ button1;

private: System::Windows::Forms::Button^ button2;

private: System::Windows::Forms::TextBox^ textBox3;

private: System::Windows::Forms::Label^ label3;

private: System::Windows::Forms::ComboBox^ comboBox1;

protected:

protected:

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

this->label1 = (gcnew System::Windows::Forms::Label());

this->label2 = (gcnew System::Windows::Forms::Label());

this->textBox2 = (gcnew System::Windows::Forms::TextBox());

this->button1 = (gcnew System::Windows::Forms::Button());

this->button2 = (gcnew System::Windows::Forms::Button());

this->textBox3 = (gcnew System::Windows::Forms::TextBox());

this->label3 = (gcnew System::Windows::Forms::Label());

this->comboBox1 = (gcnew System::Windows::Forms::ComboBox());

this->SuspendLayout();

//

// label1

//

this->label1->AutoSize = true;

this->label1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label1->Location = System::Drawing::Point(27, 38);

this->label1->Name = L"label1";

this->label1->Size = System::Drawing::Size(81, 16);

this->label1->TabIndex = 0;

this->label1->Text = L"Student id:";

//

// label2

//

this->label2->AutoSize = true;

this->label2->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label2->Location = System::Drawing::Point(35, 145);

this->label2->Name = L"label2";

this->label2->Size = System::Drawing::Size(92, 16);

this->label2->TabIndex = 2;

this->label2->Text = L"Return date:";

//

// textBox2

//

this->textBox2->Location = System::Drawing::Point(140, 140);

this->textBox2->Name = L"textBox2";

this->textBox2->ReadOnly = true;

this->textBox2->Size = System::Drawing::Size(100, 21);

this->textBox2->TabIndex = 3;

//

// button1

//

this->button1->Location = System::Drawing::Point(241, 210);

this->button1->Name = L"button1";

this->button1->Size = System::Drawing::Size(75, 23);

this->button1->TabIndex = 4;

this->button1->Text = L"Return";

this->button1->UseVisualStyleBackColor = true;

this->button1->Click += gcnew System::EventHandler(this, &returns::button1\_Click);

//

// button2

//

this->button2->Location = System::Drawing::Point(52, 210);

this->button2->Name = L"button2";

this->button2->Size = System::Drawing::Size(75, 23);

this->button2->TabIndex = 5;

this->button2->Text = L"Check";

this->button2->UseVisualStyleBackColor = true;

this->button2->Click += gcnew System::EventHandler(this, &returns::button2\_Click);

//

// textBox3

//

this->textBox3->Location = System::Drawing::Point(140, 86);

this->textBox3->Name = L"textBox3";

this->textBox3->Size = System::Drawing::Size(100, 21);

this->textBox3->TabIndex = 6;

//

// label3

//

this->label3->AutoSize = true;

this->label3->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label3->Location = System::Drawing::Point(27, 86);

this->label3->Name = L"label3";

this->label3->Size = System::Drawing::Size(100, 16);

this->label3->TabIndex = 7;

this->label3->Text = L"Today\'s date";

//

// comboBox1

//

this->comboBox1->FormattingEnabled = true;

this->comboBox1->Location = System::Drawing::Point(140, 33);

this->comboBox1->Name = L"comboBox1";

this->comboBox1->Size = System::Drawing::Size(121, 21);

this->comboBox1->TabIndex = 8;

//

// returns

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->ClientSize = System::Drawing::Size(423, 269);

this->Controls->Add(this->comboBox1);

this->Controls->Add(this->label3);

this->Controls->Add(this->textBox3);

this->Controls->Add(this->button2);

this->Controls->Add(this->button1);

this->Controls->Add(this->textBox2);

this->Controls->Add(this->label2);

this->Controls->Add(this->label1);

this->Name = L"returns";

this->Text = L"returns";

this->Load += gcnew System::EventHandler(this, &returns::returns\_Load);

this->ResumeLayout(false);

this->PerformLayout();

}

#pragma endregion

private: System::Void returns\_Load(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void button1\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("delete from library.issuestu where stuid='"+this->comboBox1->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

MessageBox::Show("Book Returned!");

while(myReader->Read())

{

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void button2\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.issuestu;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

String^ id;

while(myReader->Read())

{

id=myReader->GetString("rdate");

textBox2->Text=id;

}

String^ td;

td=textBox3->Text;

int f\_value =System::Convert::ToInt32(id);

int f\_value1 =System::Convert::ToInt32(td);

if(f\_value==f\_value1)

{

MessageBox::Show(" Returning book on time.No fine!");

}

else if(f\_value>f\_value1)

{

MessageBox::Show(" Returning book before time.No fine!");

}

else

{

MessageBox::Show(" Returning book not on time.10 Rs.fine will be charged!");

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Fillcombo(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.issuestu;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

int id;

id=myReader->GetInt32("stuid");

comboBox1->Items->Add(id);

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

};

}

Return Teacher’s book:

#pragma once

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for returnt

/// </summary>

public ref class returnt : public System::Windows::Forms::Form

{

public:

returnt(void)

{

InitializeComponent();

Fillcombo();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~returnt()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::Label^ label3;

protected:

private: System::Windows::Forms::TextBox^ textBox3;

private: System::Windows::Forms::Button^ button2;

private: System::Windows::Forms::Button^ button1;

private: System::Windows::Forms::TextBox^ textBox2;

private: System::Windows::Forms::Label^ label2;

private: System::Windows::Forms::Label^ label1;

private: System::Windows::Forms::ComboBox^ comboBox1;

protected:

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

this->label3 = (gcnew System::Windows::Forms::Label());

this->textBox3 = (gcnew System::Windows::Forms::TextBox());

this->button2 = (gcnew System::Windows::Forms::Button());

this->button1 = (gcnew System::Windows::Forms::Button());

this->textBox2 = (gcnew System::Windows::Forms::TextBox());

this->label2 = (gcnew System::Windows::Forms::Label());

this->label1 = (gcnew System::Windows::Forms::Label());

this->comboBox1 = (gcnew System::Windows::Forms::ComboBox());

this->SuspendLayout();

//

// label3

//

this->label3->AutoSize = true;

this->label3->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label3->Location = System::Drawing::Point(55, 97);

this->label3->Name = L"label3";

this->label3->Size = System::Drawing::Size(100, 16);

this->label3->TabIndex = 15;

this->label3->Text = L"Today\'s date";

//

// textBox3

//

this->textBox3->Location = System::Drawing::Point(168, 97);

this->textBox3->Name = L"textBox3";

this->textBox3->Size = System::Drawing::Size(100, 21);

this->textBox3->TabIndex = 14;

//

// button2

//

this->button2->Location = System::Drawing::Point(80, 216);

this->button2->Name = L"button2";

this->button2->Size = System::Drawing::Size(75, 23);

this->button2->TabIndex = 13;

this->button2->Text = L"Check";

this->button2->UseVisualStyleBackColor = true;

this->button2->Click += gcnew System::EventHandler(this, &returnt::button2\_Click);

//

// button1

//

this->button1->Location = System::Drawing::Point(203, 216);

this->button1->Name = L"button1";

this->button1->Size = System::Drawing::Size(75, 23);

this->button1->TabIndex = 12;

this->button1->Text = L"Return";

this->button1->UseVisualStyleBackColor = true;

this->button1->Click += gcnew System::EventHandler(this, &returnt::button1\_Click);

//

// textBox2

//

this->textBox2->Location = System::Drawing::Point(168, 159);

this->textBox2->Name = L"textBox2";

this->textBox2->ReadOnly = true;

this->textBox2->Size = System::Drawing::Size(100, 21);

this->textBox2->TabIndex = 11;

//

// label2

//

this->label2->AutoSize = true;

this->label2->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label2->Location = System::Drawing::Point(63, 159);

this->label2->Name = L"label2";

this->label2->Size = System::Drawing::Size(92, 16);

this->label2->TabIndex = 10;

this->label2->Text = L"Return date:";

//

// label1

//

this->label1->AutoSize = true;

this->label1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label1->Location = System::Drawing::Point(55, 39);

this->label1->Name = L"label1";

this->label1->Size = System::Drawing::Size(99, 16);

this->label1->TabIndex = 8;

this->label1->Text = L"Teacher\'s id:";

//

// comboBox1

//

this->comboBox1->FormattingEnabled = true;

this->comboBox1->Location = System::Drawing::Point(168, 38);

this->comboBox1->Name = L"comboBox1";

this->comboBox1->Size = System::Drawing::Size(121, 21);

this->comboBox1->TabIndex = 16;

//

// returnt

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->ClientSize = System::Drawing::Size(372, 282);

this->Controls->Add(this->comboBox1);

this->Controls->Add(this->label3);

this->Controls->Add(this->textBox3);

this->Controls->Add(this->button2);

this->Controls->Add(this->button1);

this->Controls->Add(this->textBox2);

this->Controls->Add(this->label2);

this->Controls->Add(this->label1);

this->Name = L"returnt";

this->Text = L"returnt";

this->ResumeLayout(false);

this->PerformLayout();

}

#pragma endregion

private: System::Void button2\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.issuet;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

String^ id;

while(myReader->Read())

{

id=myReader->GetString("rdate");

textBox2->Text=id;

}

String^ td;

td=textBox3->Text;

int f\_value =System::Convert::ToInt32(id);

int f\_value1 =System::Convert::ToInt32(td);

if(f\_value==f\_value1)

{

MessageBox::Show(" Returning book on time.No fine!");

}

else if(f\_value>f\_value1)

{

MessageBox::Show(" Returning book before time.No fine!");

}

else

{

MessageBox::Show(" Returning book not on time.10 Rs.fine will be charged!");

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private: System::Void button1\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("delete from library.issuet where tid='"+this->comboBox1->Text+"';",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

MessageBox::Show("Book Returned!");

while(myReader->Read())

{

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

private:void Fillcombo(void)

{

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.issuet;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

while(myReader->Read())

{

int id;

id=myReader->GetInt32("tid");

comboBox1->Items->Add(id);

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

};

}

Student’s details:

#pragma once

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for studetails

/// </summary>

public ref class studetails : public System::Windows::Forms::Form

{

public:

studetails(void)

{

InitializeComponent();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~studetails()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::DataGridView^ dataGridView1;

protected:

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

this->dataGridView1 = (gcnew System::Windows::Forms::DataGridView());

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->dataGridView1))->BeginInit();

this->SuspendLayout();

//

// dataGridView1

//

this->dataGridView1->ColumnHeadersHeightSizeMode = System::Windows::Forms::DataGridViewColumnHeadersHeightSizeMode::AutoSize;

this->dataGridView1->Dock = System::Windows::Forms::DockStyle::Fill;

this->dataGridView1->Location = System::Drawing::Point(0, 0);

this->dataGridView1->Name = L"dataGridView1";

this->dataGridView1->RowTemplate->Height = 23;

this->dataGridView1->Size = System::Drawing::Size(603, 355);

this->dataGridView1->TabIndex = 0;

//

// studetails

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->ClientSize = System::Drawing::Size(603, 355);

this->Controls->Add(this->dataGridView1);

this->Name = L"studetails";

this->Text = L"studetails";

this->Load += gcnew System::EventHandler(this, &studetails::studetails\_Load);

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->dataGridView1))->EndInit();

this->ResumeLayout(false);

}

#pragma endregion

private: System::Void studetails\_Load(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.issuestu;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

MySqlDataAdapter^ sda=gcnew MySqlDataAdapter();

sda->SelectCommand=cmdDataBase;

DataTable^ dbdataset=gcnew DataTable();

sda->Fill(dbdataset);

BindingSource^ bs=gcnew BindingSource();

bs->DataSource=dbdataset;

dataGridView1->DataSource=bs;

sda->Update(dbdataset);

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

};

}

Teacher’s details:

#pragma once

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for tdetails

/// </summary>

public ref class tdetails : public System::Windows::Forms::Form

{

public:

tdetails(void)

{

InitializeComponent();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~tdetails()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::DataGridView^ dataGridView1;

protected:

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

this->dataGridView1 = (gcnew System::Windows::Forms::DataGridView());

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->dataGridView1))->BeginInit();

this->SuspendLayout();

//

// dataGridView1

//

this->dataGridView1->ColumnHeadersHeightSizeMode = System::Windows::Forms::DataGridViewColumnHeadersHeightSizeMode::AutoSize;

this->dataGridView1->Dock = System::Windows::Forms::DockStyle::Fill;

this->dataGridView1->Location = System::Drawing::Point(0, 0);

this->dataGridView1->Name = L"dataGridView1";

this->dataGridView1->RowTemplate->Height = 23;

this->dataGridView1->Size = System::Drawing::Size(501, 312);

this->dataGridView1->TabIndex = 0;

//

// tdetails

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->ClientSize = System::Drawing::Size(501, 312);

this->Controls->Add(this->dataGridView1);

this->Name = L"tdetails";

this->Text = L"tdetails";

this->Load += gcnew System::EventHandler(this, &tdetails::tdetails\_Load);

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->dataGridView1))->EndInit();

this->ResumeLayout(false);

}

#pragma endregion

private: System::Void tdetails\_Load(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("select \* from library.issuet;",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

MySqlDataAdapter^ sda=gcnew MySqlDataAdapter();

sda->SelectCommand=cmdDataBase;

DataTable^ dbdataset=gcnew DataTable();

sda->Fill(dbdataset);

BindingSource^ bs=gcnew BindingSource();

bs->DataSource=dbdataset;

dataGridView1->DataSource=bs;

sda->Update(dbdataset);

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

};

}

Add books:

#pragma once

namespace LibraryManagementSystem {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

using namespace MySql::Data::MySqlClient;

/// <summary>

/// Summary for Add

/// </summary>

public ref class Add : public System::Windows::Forms::Form

{

public:

Add(void)

{

InitializeComponent();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~Add()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::Label^ label1;

protected:

private: System::Windows::Forms::Label^ label2;

private: System::Windows::Forms::Label^ label3;

private: System::Windows::Forms::Label^ label4;

private: System::Windows::Forms::TextBox^ textBox1;

private: System::Windows::Forms::TextBox^ textBox2;

private: System::Windows::Forms::TextBox^ textBox3;

private: System::Windows::Forms::Button^ button1;

private: System::Windows::Forms::PictureBox^ pictureBox1;

private: System::Windows::Forms::Label^ label5;

private: System::Windows::Forms::TextBox^ textBox4;

private:

/// <summary>

/// Required designer variable.

/// </summary>

System::ComponentModel::Container ^components;

#pragma region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

void InitializeComponent(void)

{

System::ComponentModel::ComponentResourceManager^ resources = (gcnew System::ComponentModel::ComponentResourceManager(Add::typeid));

this->label1 = (gcnew System::Windows::Forms::Label());

this->label2 = (gcnew System::Windows::Forms::Label());

this->label3 = (gcnew System::Windows::Forms::Label());

this->label4 = (gcnew System::Windows::Forms::Label());

this->textBox1 = (gcnew System::Windows::Forms::TextBox());

this->textBox2 = (gcnew System::Windows::Forms::TextBox());

this->textBox3 = (gcnew System::Windows::Forms::TextBox());

this->button1 = (gcnew System::Windows::Forms::Button());

this->pictureBox1 = (gcnew System::Windows::Forms::PictureBox());

this->label5 = (gcnew System::Windows::Forms::Label());

this->textBox4 = (gcnew System::Windows::Forms::TextBox());

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox1))->BeginInit();

this->SuspendLayout();

//

// label1

//

this->label1->AutoSize = true;

this->label1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 14.25F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label1->Location = System::Drawing::Point(245, 24);

this->label1->Name = L"label1";

this->label1->Size = System::Drawing::Size(100, 24);

this->label1->TabIndex = 0;

this->label1->Text = L"Add book";

//

// label2

//

this->label2->AutoSize = true;

this->label2->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label2->Location = System::Drawing::Point(317, 93);

this->label2->Name = L"label2";

this->label2->Size = System::Drawing::Size(89, 16);

this->label2->TabIndex = 1;

this->label2->Text = L"Book Name";

//

// label3

//

this->label3->AutoSize = true;

this->label3->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label3->Location = System::Drawing::Point(317, 175);

this->label3->Name = L"label3";

this->label3->Size = System::Drawing::Size(113, 16);

this->label3->TabIndex = 2;

this->label3->Text = L"Book Publisher";

this->label3->Click += gcnew System::EventHandler(this, &Add::label3\_Click);

//

// label4

//

this->label4->AutoSize = true;

this->label4->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9.75F, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label4->Location = System::Drawing::Point(41, 180);

this->label4->Name = L"label4";

this->label4->Size = System::Drawing::Size(92, 16);

this->label4->TabIndex = 3;

this->label4->Text = L"Book Author";

//

// textBox1

//

this->textBox1->Location = System::Drawing::Point(453, 92);

this->textBox1->Name = L"textBox1";

this->textBox1->Size = System::Drawing::Size(100, 21);

this->textBox1->TabIndex = 4;

//

// textBox2

//

this->textBox2->Location = System::Drawing::Point(160, 175);

this->textBox2->Name = L"textBox2";

this->textBox2->Size = System::Drawing::Size(100, 21);

this->textBox2->TabIndex = 5;

//

// textBox3

//

this->textBox3->Location = System::Drawing::Point(453, 175);

this->textBox3->Name = L"textBox3";

this->textBox3->Size = System::Drawing::Size(100, 21);

this->textBox3->TabIndex = 6;

//

// button1

//

this->button1->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 8.25F, System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,

static\_cast<System::Byte>(0)));

this->button1->Location = System::Drawing::Point(249, 246);

this->button1->Name = L"button1";

this->button1->Size = System::Drawing::Size(104, 29);

this->button1->TabIndex = 7;

this->button1->Text = L"Add";

this->button1->UseVisualStyleBackColor = true;

this->button1->Click += gcnew System::EventHandler(this, &Add::button1\_Click);

//

// pictureBox1

//

this->pictureBox1->Image = (cli::safe\_cast<System::Drawing::Image^ >(resources->GetObject(L"pictureBox1.Image")));

this->pictureBox1->Location = System::Drawing::Point(434, 246);

this->pictureBox1->Name = L"pictureBox1";

this->pictureBox1->Size = System::Drawing::Size(176, 125);

this->pictureBox1->SizeMode = System::Windows::Forms::PictureBoxSizeMode::StretchImage;

this->pictureBox1->TabIndex = 8;

this->pictureBox1->TabStop = false;

//

// label5

//

this->label5->AutoSize = true;

this->label5->Font = (gcnew System::Drawing::Font(L"Microsoft Sans Serif", 9, static\_cast<System::Drawing::FontStyle>((System::Drawing::FontStyle::Bold | System::Drawing::FontStyle::Italic)),

System::Drawing::GraphicsUnit::Point, static\_cast<System::Byte>(0)));

this->label5->Location = System::Drawing::Point(41, 96);

this->label5->Name = L"label5";

this->label5->Size = System::Drawing::Size(59, 15);

this->label5->TabIndex = 9;

this->label5->Text = L"Book Id:";

//

// textBox4

//

this->textBox4->Location = System::Drawing::Point(160, 93);

this->textBox4->Name = L"textBox4";

this->textBox4->Size = System::Drawing::Size(100, 21);

this->textBox4->TabIndex = 10;

//

// Add

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->BackColor = System::Drawing::SystemColors::ActiveCaption;

this->ClientSize = System::Drawing::Size(622, 385);

this->Controls->Add(this->textBox4);

this->Controls->Add(this->label5);

this->Controls->Add(this->pictureBox1);

this->Controls->Add(this->button1);

this->Controls->Add(this->textBox3);

this->Controls->Add(this->textBox2);

this->Controls->Add(this->textBox1);

this->Controls->Add(this->label4);

this->Controls->Add(this->label3);

this->Controls->Add(this->label2);

this->Controls->Add(this->label1);

this->Name = L"Add";

this->StartPosition = System::Windows::Forms::FormStartPosition::CenterScreen;

this->Text = L"Add";

this->Load += gcnew System::EventHandler(this, &Add::Add\_Load);

(cli::safe\_cast<System::ComponentModel::ISupportInitialize^ >(this->pictureBox1))->EndInit();

this->ResumeLayout(false);

this->PerformLayout();

}

#pragma endregion

private: System::Void Add\_Load(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void label3\_Click(System::Object^ sender, System::EventArgs^ e) {

}

private: System::Void button1\_Click(System::Object^ sender, System::EventArgs^ e) {

String^ constring=L"datasource=localhost;port=3306;username=root;password=root";

MySqlConnection^ conDataBase=gcnew MySqlConnection(constring);

MySqlCommand^ cmdDataBase=gcnew MySqlCommand("insert into library.books(bookid,bname,bauthor,bpublisher)values('"+this->textBox4->Text+"','"+this->textBox1->Text+"','"+this->textBox2->Text+"','"+this->textBox3->Text+"');",conDataBase);

MySqlDataReader^ myReader;

int count=0;

try{

conDataBase->Open();

myReader=cmdDataBase->ExecuteReader();

MessageBox::Show("Book Added!");

while(myReader->Read())

{

}

}

catch(Exception^ ex)

{

MessageBox::Show(ex->Message);

}

}

};

}