***Авторизация***

<Grid Margin="0,-84,-0.4,-59.4" Background="#FF8DA08D">

<Label x:Name="authorizationLabel" Content="Авторизация" HorizontalAlignment="Left" Margin="267,40,0,0" VerticalAlignment="Top" RenderTransformOrigin="0.475,0.028" Width="205" Height="52" FontSize="28" FontStyle="Normal" FontWeight="Bold" Foreground="Black" FontFamily="Tw Cen MT Condensed Extra Bold">

<Label.RenderTransform>

<TransformGroup>

<ScaleTransform/>

<SkewTransform/>

<RotateTransform Angle="0.622"/>

<TranslateTransform X="0.242" Y="-0.054"/>

</TransformGroup>

</Label.RenderTransform>

</Label>

<Label x:Name="passwordLabel" Content="Пароль" HorizontalAlignment="Left" Margin="112,227,0,0" VerticalAlignment="Top" Height="42" Width="135" FontSize="24" FontStyle="Italic" RenderTransformOrigin="0.503,0.743"/>

<Label x:Name="loginLabel" Content="Логин" HorizontalAlignment="Left" Margin="112,149,0,0" VerticalAlignment="Top" FontSize="24" FontStyle="Italic" Foreground="#FF0B0B0C"/>

<TextBox x:Name="loginTextBox" HorizontalAlignment="Left" Margin="331,141,0,0" TextWrapping="Wrap" VerticalAlignment="Top" Width="317" Height="50" FontSize="20"/>

<TextBox x:Name="passwordTextBox" HorizontalAlignment="Left" Margin="330,221,0,0" TextWrapping="Wrap" VerticalAlignment="Top" Width="318" Height="50" FontSize="20"/>

<CheckBox x:Name="showPassword" Content="Проверка пароля" HorizontalAlignment="Left" Margin="331,274,0,0" VerticalAlignment="Top" Height="27" Width="317" FontSize="18"/>

<Button x:Name="refreshButton" Content="" HorizontalAlignment="Left" Margin="112,389,0,0" VerticalAlignment="Top" Width="203" Height="130" Foreground="{x:Null}" BorderBrush="{x:Null}">

<Button.Background>

<ImageBrush ImageSource="cap.jpg"/>

</Button.Background>

</Button>

<TextBox x:Name="captchaGenTextBox" HorizontalAlignment="Left" Margin="412,389,0,0" TextWrapping="Wrap" VerticalAlignment="Top" Width="208" Height="50" FontSize="22" />

<TextBox x:Name="captchaTextBox" HorizontalAlignment="Left" Margin="412,469,0,0" TextWrapping="Wrap" VerticalAlignment="Top" Width="208" Height="50" FontSize="22"/>

<Button x:Name="LoginButton" Content="Войти" HorizontalAlignment="Center" Margin="262,552,253,0" VerticalAlignment="Top" Height="47" Width="215" FontSize="22" FontStyle="Italic" FontWeight="Normal" Click="loginButton\_Click\_1"/>

<Label x:Name="captchaLabel" Content="Нажмите для проверки на робота" HorizontalAlignment="Left" Height="34" Margin="225,331,0,0" VerticalAlignment="Top" Width="340" FontSize="20"/>

<Label x:Name="blockLabel" Content="" HorizontalAlignment="Left" Margin="170,306,0,0" VerticalAlignment="Top" Width="450" Height="25" Foreground="#FFE8FF00" FontFamily="Times New Roman" FontSize="28"/>

<PasswordBox x:Name="passwordBox" HorizontalAlignment="Left" Margin="330,219,0,0" VerticalAlignment="Top" Height="50" Width="316" Background="{x:Null}" FontFamily="Times New Roman" Foreground="Black" FontSize="18"/>

</Grid>

***Авторизация.cs***

public partial class MainWindow : Window

{

DispatcherTimer timer = new DispatcherTimer();

public MainWindow()

{

InitializeComponent();

timer.Interval = new TimeSpan(0, 0, 1);

timer.Tick += timer\_Tick;

CaptchaGenerator();

}

int intrerv = 10;

void timer\_Tick(object sender, EventArgs e)

{

intrerv--;

if (intrerv == 0)

{

blockLabel.Visibility = Visibility.Hidden;

authorizationLabel.Visibility = Visibility.Visible;

loginTextBox.Visibility = Visibility.Visible;

passwordBox.Visibility = Visibility.Visible;

showPassword.Visibility = Visibility.Visible;

//passwordTextBox.Visibility = Visibility.Visible;

captchaGenTextBox.Visibility = Visibility.Visible;

captchaTextBox.Visibility = Visibility.Visible;

refreshButton.Visibility = Visibility.Visible;

LoginButton.Visibility = Visibility.Visible;

loginLabel.Visibility = Visibility.Visible;

passwordLabel.Visibility = Visibility.Visible;

captchaLabel.Visibility = Visibility.Visible;

timer.Stop();

intrerv = 10;

}

blockLabel.Content = "Блокировка авторизации " + intrerv.ToString() + " секунд";

}

void CaptchaGenerator()

{

char[] chars = "AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoPpQqRrSsTtUuVvWwXxYyZz0123456789".ToCharArray();

string randomString = "";

Random ran = new Random();

for (int i = 0; i < 5; i++)

{

randomString += chars[ran.Next(0, chars.Length)];

}

captchaGenTextBox.Text = randomString;

}

private void refreshButton\_Click(object sender, RoutedEventArgs e)

{

String allowchar = "";

allowchar += "1,2,3,4,5,6,7,8,9,0";

char[] a = { ',' };

String[] ar = allowchar.Split(a);

String pwd = "";

string temp = "";

Random r = new Random();

for (int i = 0; i < 4; i++)

{

temp = ar[(r.Next(0, ar.Length))];

pwd += temp;

}

if (captchaGenTextBox.Text != "")

{

captchaGenTextBox.Text = null;

}

captchaGenTextBox.Text = pwd;

}

private void loginButton\_Click(object sender, RoutedEventArgs e)

{

if (captchaGenTextBox.Text != "" && captchaGenTextBox.Text != captchaTextBox.Text)

{

MessageBox.Show("Блокировка 10 секунд");

timer.Start();

authorizationLabel.Visibility = Visibility.Hidden;

blockLabel.Visibility = Visibility.Visible;

loginTextBox.Visibility = Visibility.Hidden;

passwordBox.Visibility = Visibility.Hidden;

showPassword.Visibility = Visibility.Hidden;

passwordTextBox.Visibility = Visibility.Hidden;

captchaGenTextBox.Visibility = Visibility.Hidden;

captchaTextBox.Visibility = Visibility.Hidden;

refreshButton.Visibility = Visibility.Hidden;

LoginButton.Visibility = Visibility.Hidden;

loginLabel.Visibility = Visibility.Hidden;

passwordLabel.Visibility = Visibility.Hidden;

captchaLabel.Visibility = Visibility.Hidden;

}

captchaTextBox.Text = null;

}

private void showPassword\_Click(object sender, RoutedEventArgs e)

{

if (showPassword.IsChecked == true)

{

passwordTextBox.Text = passwordBox.Password;

passwordTextBox.Visibility = Visibility.Visible;

passwordBox.Visibility = Visibility.Hidden;

}

else

{

passwordBox.Password = passwordTextBox.Text;

passwordTextBox.Visibility = Visibility.Hidden;

passwordBox.Visibility = Visibility.Visible;

}

}

private void loginButton\_Click\_1(object sender, RoutedEventArgs e)

{

string login = "admin";

string pass = "123ms";

string login1 = "admiun";

string pass1 = "1234ms";

if (loginTextBox.Text == login)

{

if (passwordBox.Password == pass)

{

if (captchaTextBox.Text == captchaGenTextBox.Text)

{

Window1 gwin = new Window1();

gwin.Owner = this;

// gwin.userLabel.Content = loginTextBox.Text;

gwin.Show();

this.Hide();

}

else

{

MessageBox.Show("Каптча неверная");

}

}

else

{

MessageBox.Show("Пароль неверный");

CaptchaGenerator();

}

}

else

{

MessageBox.Show("Логин неверный");

CaptchaGenerator();

}

if (loginTextBox.Text == login1)

{

if (passwordBox.Password == pass1)

{

if (captchaTextBox.Text == captchaGenTextBox.Text)

{

Window1 gwin = new Window1();

gwin.Owner = this;

// gwin.userLabel.Content = loginTextBox.Text;

gwin.Show();

this.Hide();

}

else

{

MessageBox.Show("Каптча неверная");

}

}

else

{

MessageBox.Show("Пароль неверный");

CaptchaGenerator();

}

}

else

{

MessageBox.Show("Логин неверный");

CaptchaGenerator();

}

}

}

***Button***

private void Button\_Click\_7(object sender, RoutedEventArgs e)

{

this.Close();

kod kd = new kod();

kd.Show();

this.Hide();

}

***Переход на др пользов***

private void enter\_Click(object sender, RoutedEventArgs e)  
{  
if (textBox\_login.Text.Length > 0) // проверяем введён ли логин  
{  
if (password.Password.Length > 0) // проверяем введён ли пароль  
{ // ищем в базе данных пользователя с такими данными  
DataTable dt\_user = [mainWindow.Select](https://vk.com/away.php?to=http%3A%2F%2FmainWindow.Select&cc_key=)("SELECT \* FROM [dbo].[User] WHERE [Login] = '" + textBox\_login.Text + "' AND [Password] = '" + password.Password + "'");  
if (dt\_user.Rows.Count > 0) // если такая запись существует  
{  
if (textBox\_login.Text == "admin")  
{  
[MessageBox.Show](https://vk.com/away.php?to=http%3A%2F%2FMessageBox.Show&cc_key=)("Пользователь авторизовался");  
WindowAdmin windowAdmin = new WindowAdmin();  
windowAdmin.ShowDialog();  
  
  
}  
if (textBox\_login.Text == "byxg")  
{  
[MessageBox.Show](https://vk.com/away.php?to=http%3A%2F%2FMessageBox.Show&cc_key=)("Пользователь авторизовался");  
WindowAccountant windowAccountant = new WindowAccountant();  
[windowAccountant.Show](https://vk.com/away.php?to=http%3A%2F%2FwindowAccountant.Show&cc_key=)();  
}  
if(textBox\_login.Text == "teacher")  
{  
[MessageBox.Show](https://vk.com/away.php?to=http%3A%2F%2FMessageBox.Show&cc_key=)("Пользователь авторизовался");  
WindowTeacher windowTeacher = new WindowTeacher();  
[windowTeacher.Show](https://vk.com/away.php?to=http%3A%2F%2FwindowTeacher.Show&cc_key=)();  
}  
  
  
}  
  
else [MessageBox.Show](https://vk.com/away.php?to=http%3A%2F%2FMessageBox.Show&cc_key=)("Пользователя не найден"); // выводим ошибку  
}  
else [MessageBox.Show](https://vk.com/away.php?to=http%3A%2F%2FMessageBox.Show&cc_key=)("Введите пароль"); // выводим ошибку  
}  
else [MessageBox.Show](https://vk.com/away.php?to=http%3A%2F%2FMessageBox.Show&cc_key=)("Введите логин"); // выводим ошибку  
}