Страница **Авторизации.**

Код с xaml:

<Grid>

<TextBlock Text="Авторизация" FontSize="34" HorizontalAlignment="Left" VerticalAlignment="Top" Margin="83,50,0,0" FontWeight="Bold" FontFamily="Arial Black" RenderTransformOrigin="0.482,0.282"/>

<TextBlock Text="Введите логин:" FontSize="22" HorizontalAlignment="Left" VerticalAlignment="Top" Margin="137,94,0,0" FontFamily="Arial" RenderTransformOrigin="0.688,0.603"/>

<TextBox x:Name="TBLogin" FontSize="22" HorizontalAlignment="Left" VerticalAlignment="Top" Width="300" Height="45" Margin="70,124,0,0" FontFamily="Arial" RenderTransformOrigin="0.597,0.481"/>

<TextBlock Text="Введите пароль:" FontSize="22" HorizontalAlignment="Left" VerticalAlignment="Top" Margin="130,174,0,0" FontFamily="Arial" RenderTransformOrigin="0.601,0.535"/>

<PasswordBox x:Name="TBPassword" FontSize="22" HorizontalAlignment="Left" VerticalAlignment="Top" Width="300" Height="45" Margin="70,204,0,0" FontFamily="Arial" RenderTransformOrigin="0.608,0.412"/>

<Button x:Name="EnterBtn" FontSize="24" Background="#FF269ADC" HorizontalAlignment="Left" Click="EnterBtn\_Click" VerticalAlignment="Top" Width="300" Height="54" Content="Войти" Margin="70,259,0,0" FontFamily="Arial" RenderTransformOrigin="0.555,0.619"/>

<TextBlock Text="Ещё не зарегистрированы?" FontSize="22" HorizontalAlignment="Left" VerticalAlignment="Bottom" Margin="79,0,0,265" FontFamily="Arial"/>

<Button x:Name="RegBtn" Click="RegBtn\_Click" FontSize="24" HorizontalAlignment="Left" VerticalAlignment="Top" Width="300" Height="55" Background="#FF269ADC" Content="Регистрация" Margin="70,366,0,0" FontFamily="Arial"/>

<Image Source="../Images/map.jpg" Width="818" HorizontalAlignment="Right" VerticalAlignment="Top" Margin="0,50,100,0"/>

<TextBlock FontSize="24" VerticalAlignment="Top" HorizontalAlignment="Left" FontWeight="DemiBold" Margin="448,391,0,0" FontFamily="Arial" Width="818"><Run Text="МБУ &quot;Ульяновский дом культуры&quot;" FontStyle="Italic"/><LineBreak/><Run Text="Лукояновского муниципального района" FontStyle="Italic"/><LineBreak/><Run Text="Нижегородской обл. зарегистрирована 30.01.14г." FontStyle="Italic"/></TextBlock>

<Frame x:Name="AvtoRegFrame" FontFamily="Arial" FontSize="22" Navigated="AvtoRegFrame\_Navigated"/>

</Grid>

</Page>

Код с cs:

public partial class AvtoRegPage : Page

{

public AvtoRegPage()

{

InitializeComponent();

}

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

{

if (string.IsNullOrEmpty(TBLogin.Text) || string.IsNullOrEmpty(TBPassword.Password))

{

MessageBox.Show("Введите логин и пароль");

return;

}

using (var db = new DBEventsEntities())

{

var user = db.Avtorization

.AsNoTracking()

.FirstOrDefault(u => u.Login == TBLogin.Text && u.Password == TBPassword.Password);

if (user == null)

{

MessageBox.Show("Пользователь не найден!");

return;

}

MessageBox.Show("Добро пожаловать!!!");

classFrame.MainFrameCF.Navigate(new MainPage());

}

}

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

{

classFrame.MainFrameCF.Navigate(new RegistrPage(null));

}

private void AvtoRegFrame\_Navigated(object sender, NavigationEventArgs e)

{

}

Страница **Регистрации**.

Код с xaml:

<Grid>

<Grid.RowDefinitions>

<RowDefinition Height="\*"/>

<RowDefinition Height="1\*"/>

<RowDefinition Height="1\*"/>

</Grid.RowDefinitions>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*"/>

<ColumnDefinition Width="2\*"/>

</Grid.ColumnDefinitions>

<Image Source="../Images/music.png" Grid.ColumnSpan="2" Grid.RowSpan="3" Height="1000" Margin="-186,24,-358,-398" RenderTransformOrigin="0.5,0.5">

<Image.RenderTransform>

<TransformGroup>

<ScaleTransform/>

<SkewTransform/>

<RotateTransform Angle="-9.336"/>

<TranslateTransform/>

</TransformGroup>

</Image.RenderTransform>

</Image>

<Image Source="../Images/gitara.png" Grid.ColumnSpan="2" Grid.RowSpan="3" Margin="307,-73,-164,145" RenderTransformOrigin="0.5,0.5" >

<Image.RenderTransform>

<TransformGroup>

<ScaleTransform/>

<SkewTransform/>

<RotateTransform Angle="12.653"/>

<TranslateTransform/>

</TransformGroup>

</Image.RenderTransform>

</Image>

<TextBlock Grid.Row="0" Text="Введите логин" HorizontalAlignment="Left" VerticalAlignment="Top" FontSize="20" FontFamily="Arial" Margin="84,139,0,0"/>

<TextBox Text="{Binding Login}" FontSize="20" Width="300" HorizontalAlignment="Left" Grid.Row="0" Margin="283,123,0,31" FontFamily="Arial" Grid.ColumnSpan="2"/>

<TextBlock Grid.Row="1" Text="Введите пароль" HorizontalAlignment="Left" VerticalAlignment="Top" FontSize="20" FontFamily="Arial" Margin="71,28,0,0"/>

<TextBox Text="{Binding Password}" FontSize="20" Grid.Row="1" HorizontalAlignment="Left" Width="300" Margin="283,11,0,141" FontFamily="Arial" Grid.ColumnSpan="2"/>

<Button x:Name="SaveInfoBtn" Content="Сохранить" Click="SaveInfoBtn\_Click" Grid.Row="1" Grid.ColumnSpan="2" Margin="283,104,0,0" HorizontalAlignment="Left" Background="#FF269ADC" VerticalAlignment="Top" Width="300" Height="50" FontSize="22" FontFamily="Arial"/>

<TextBlock HorizontalAlignment="Left" Margin="84,65,0,0" TextWrapping="Wrap" Text="Заполните данные:" VerticalAlignment="Top" FontFamily="Arial Black" FontSize="34" Grid.ColumnSpan="2" Width="448"/>

</Grid>

</Page>

Код с cs:

public partial class RegistrPage : Page

{

private Avtorization \_currentEvent = new Avtorization();

public RegistrPage(Avtorization selectedEvent)

{

InitializeComponent();

if (selectedEvent != null)

\_currentEvent = selectedEvent;

DataContext = \_currentEvent;

}

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

{

StringBuilder errors = new StringBuilder();

if (string.IsNullOrWhiteSpace(\_currentEvent.Login))

errors.AppendLine("Введите логин");

if (string.IsNullOrWhiteSpace(\_currentEvent.Password))

errors.AppendLine("Введите пароль");

if (errors.Length > 0)

{

MessageBox.Show(errors.ToString());

return;

}

if (\_currentEvent.id == 0)

DBEventsEntities.GetContext().Avtorization.Add(\_currentEvent);

try

{

DBEventsEntities.GetContext().SaveChanges();

MessageBox.Show("Информация сохранена!");

classFrame.MainFrameCF.Navigate(new AvtoRegPage());

}

catch (Exception ex)

{

MessageBox.Show(ex.Message.ToString());

}

Страница **Меню.**

Код с xaml:

<Grid>

<Image Source="../Images/people.png" Margin="350,0,0,0"/>

<TextBlock Text="Меню:" FontSize="50" Margin="120,120,0,0" HorizontalAlignment="Left" VerticalAlignment="Top" FontWeight="DemiBold"/>

<Button x:Name="EventsBtn" Content="Мероприятия" Click="EventsBtn\_Click" HorizontalAlignment="Left" Background="#FF269ADC" Width="300" Height="70" FontSize="40" Margin="50,0,0,150"/>

<Button x:Name="ParticipantsBtn" Content="Работники" HorizontalAlignment="Left" Background="#FF269ADC" Click="ParticipantsBtn\_Click" VerticalAlignment="Center" Width="300" Height="70" FontSize="40" Margin="50,30,0,0"/>

<Button x:Name="TeamsBtn" Content="Команды" HorizontalAlignment="Left" Background="#FF269ADC" Click="TeamsBtn\_Click" VerticalAlignment="Center" Width="300" Height="70" FontSize="40" Margin="50,210,0,0"/>

</Grid>

</Page>

Код с cs:

public partial class MainPage : Page

{

public MainPage()

{

InitializeComponent();

}

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

{

classFrame.MainFrameCF.Navigate(new EventsTable());

}

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

{

classFrame.MainFrameCF.Navigate(new ParticipantsTablePage());

}

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

{

classFrame.MainFrameCF.Navigate(new TeamsTablePage());

}

Страница **Преподаватели:**

Код с xaml:

<Grid Background="#FFC4E9F3">

<Grid.RowDefinitions>

<RowDefinition Height="110\*"/>

<RowDefinition Height="427\*"/>

<RowDefinition Height="89\*"/>

</Grid.RowDefinitions>

<TextBlock Text="Преподаватели" FontSize="34" FontWeight="Bold" VerticalAlignment="Top" HorizontalAlignment="Left" Margin="10,42,0,0" FontFamily="Arial Black" Height="42" Width="268"/>

<WrapPanel Orientation="Horizontal" HorizontalAlignment="Left" Margin="1366,0,0,0" Width="0">

<StackPanel Orientation="Horizontal" Grid.Row="0" HorizontalAlignment="Right" VerticalAlignment="Top">

</StackPanel>

<StackPanel Orientation="Horizontal" Grid.Row="0" HorizontalAlignment="Right" VerticalAlignment="Bottom"/>

<StackPanel Orientation="Horizontal" Grid.Row="0" HorizontalAlignment="Right" VerticalAlignment="Top">

</StackPanel>

</WrapPanel>

<DataGrid x:Name="DGridEvents" AutoGenerateColumns="False" IsReadOnly="True" Margin="0,10,0,10" Grid.Row="1">

<DataGrid.Columns>

<DataGridTextColumn Header="Название мероприятия" Binding="{Binding TitleEvent}" Width="300"/>

<DataGridTextColumn Header="Категории" Binding="{Binding E\_CategoryCode}" Width="70"/>

<DataGridTextColumn Header="Место проведения" Binding="{Binding Location}" Width="300"/>

<DataGridTextColumn Header="Дата" Binding="{Binding Datus}" Width="100"/>

<DataGridTextColumn Header="Затраты" Binding="{Binding Expenses}" Width="100"/>

<DataGridTemplateColumn Width="auto">

<DataGridTemplateColumn.CellTemplate>

<DataTemplate>

<Button Content="Редактировать" x:Name="BtnEdit" Click="BtnEdit\_Click"></Button>

</DataTemplate>

</DataGridTemplateColumn.CellTemplate>

</DataGridTemplateColumn>

</DataGrid.Columns>

</DataGrid>

<Button x:Name="AddBtn" Content="Добавить" Grid.Row="2" HorizontalAlignment="Left" Background="#FF269ADC" Click="AddBtn\_Click" VerticalAlignment="Top" Margin="347,6,0,0" Width="282" Height="40" FontSize="22" FontFamily="Arial"/>

<Button x:Name="DeleteBtn" Content="Удалить" Grid.Row="2" Click="DeleteBtn\_Click" HorizontalAlignment="Left" Background="#FF269ADC" VerticalAlignment="Top" Margin="683,5,0,0" Width="279" Height="40" FontSize="22" FontFamily="Arial"/>

<TextBlock Text="Введите дату для поиска:" FontSize="20" TextAlignment="Right" FontFamily="Arial" RenderTransformOrigin="-0.102,-0.446" Margin="740,42,365,43"/>

<TextBox FontSize="20" x:Name="TBoxSearch1" TextChanged="TBoxSearch1\_TextChanged" Margin="762,67,365,1" FontFamily="Arial"/>

<TextBlock HorizontalAlignment="Left" Margin="437,0,0,0" TextWrapping="Wrap" Text="Введите название для поиска" VerticalAlignment="Center" FontFamily="Arial" FontSize="20" Height="24" Width="278"/>

<TextBox FontSize="20" x:Name="TBoxSearch" TextChanged="TBoxSearch\_TextChanged" RenderTransformOrigin="-0.388,1.84" Margin="437,67,651,1" FontFamily="Arial"/>

<TextBlock HorizontalAlignment="Left" Margin="1049,42,0,0" TextWrapping="Wrap" Text="Выберите категорию:" VerticalAlignment="Top" FontFamily="Arial" FontSize="20" Height="22" Width="199"/>

<ComboBox x:Name="ComboCategories" SelectionChanged="ComboCategories\_SelectionChanged" HorizontalAlignment="Left" Margin="1049,69,0,0" VerticalAlignment="Top" Width="223" Height="41" FontFamily="Arial" FontSize="20"/>

</Grid>

</Page>

Код с cs:

public partial class EventsTable : Page

{

private List<Eventus> \_Events = new List<Eventus>();

private DBEventsEntities \_context = new DBEventsEntities();

public EventsTable()

{

InitializeComponent();

ComboCategories.Items.Add("Все типы");

foreach(var item in DBEventsEntities.GetContext().Category)

{

ComboCategories.Items.Add(item.TitleCategory);

}

ComboCategories.SelectedIndex = 0;

DGridEvents.ItemsSource = DBEventsEntities.GetContext().Eventus.ToList();

}

public List<Eventus> Refresh(string poisk = "", string filter = "")

{

var categories = DBEventsEntities.GetContext().Eventus.ToList();

if(!string.IsNullOrEmpty(poisk) && !string.IsNullOrWhiteSpace(poisk))

{

categories = categories.Where(a => a.TitleEvent.ToLower().Contains(poisk.ToLower())).ToList();

}

if(!string.IsNullOrEmpty(filter) && filter != "Все типы")

{

categories = categories.Where(a => a.Category.TitleCategory == filter).ToList();

}

return categories;

}

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

{

classFrame.MainFrameCF.Navigate(new AddEditPage((sender as Button).DataContext as Eventus));

}

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

{

classFrame.MainFrameCF.Navigate(new AddEditPage(null));

}

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

{

var EventsForRemoving = DGridEvents.SelectedItems.Cast<Eventus>().ToList();

if (MessageBox.Show($"Вы точно хотите удалить следующие {EventsForRemoving.Count()} элементов?", "Внимание", MessageBoxButton.YesNo, MessageBoxImage.Question) == MessageBoxResult.Yes)

{

try

{

DBEventsEntities.GetContext().Eventus.RemoveRange(EventsForRemoving);

DBEventsEntities.GetContext().SaveChanges();

MessageBox.Show("Данные удалены!");

DGridEvents.ItemsSource = DBEventsEntities.GetContext().Eventus.ToList();

}

catch (Exception ex)

{

MessageBox.Show(ex.Message.ToString());

}

}

}

private void TBoxSearch\_TextChanged(object sender, TextChangedEventArgs e)

{

DGridEvents.ItemsSource = Refresh(TBoxSearch.Text);

}

private void ComboCategories\_SelectionChanged(object sender, SelectionChangedEventArgs e)

{

DGridEvents.ItemsSource = Refresh(TBoxSearch.Text, ComboCategories.SelectedValue.ToString());

}

private void TBoxSearch1\_TextChanged(object sender, TextChangedEventArgs e)

{

DGridEvents.ItemsSource = DBEventsEntities.GetContext().Eventus

.Where(x => x.Datus.ToString().Contains(TBoxSearch1.Text.ToLower())).ToList();

}

Страница **Добавить/Редактировать**:

Код с xaml:

<Grid>

<Grid.RowDefinitions>

<RowDefinition Height="\*"/>

<RowDefinition Height="1\*"/>

<RowDefinition Height="1\*"/>

<RowDefinition Height="1\*"/>

<RowDefinition Height="1\*"/>

</Grid.RowDefinitions>

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*"/>

<ColumnDefinition Width="2\*"/>

</Grid.ColumnDefinitions>

<TextBlock Text="Заполните данные" FontSize="34" VerticalAlignment="Center" FontWeight="Bold" Margin="39,0,-2,0" Grid.ColumnSpan="2" FontFamily="Arial Black"/>

<TextBlock Text="Название мероприятия" HorizontalAlignment="Center" VerticalAlignment="Top" FontSize="20" Margin="0,108,0,0" Grid.RowSpan="2" FontFamily="Arial"/>

<TextBox Text="{Binding TitleEvent}" FontSize="20" Margin="455,94,500,100" Grid.ColumnSpan="2" Grid.RowSpan="2" FontFamily="Arial"/>

<TextBlock Grid.Row="1" Text="Категория" HorizontalAlignment="Center" VerticalAlignment="Top" FontSize="20" RenderTransformOrigin="0.536,-0.248" Margin="0,70,0,0" FontFamily="Arial"/>

<ComboBox Grid.Row="1" FontSize="20" SelectedItem="{Binding Category}" x:Name="ComboCategories" DisplayMemberPath="TitleCategory" Margin="455,55,501,14" Grid.ColumnSpan="2" FontFamily="Arial"/>

<TextBlock Grid.Row="2" Text="Место проведения" HorizontalAlignment="Center" VerticalAlignment="Top" FontSize="20" FontFamily="Arial" Margin="0,41,0,0"/>

<TextBox Grid.Row="2" FontSize="20" Text="{Binding Location}" Margin="454,28,501,43" Grid.ColumnSpan="2" FontFamily="Arial"/>

<Button x:Name="SaveInfoBtn" Content="Сохранить" Click="SaveInfoBtn\_Click" Background="#FF269ADC" Grid.Row="4" Grid.Column="2" HorizontalAlignment="Left" VerticalAlignment="Center" Width="410" Height="50" FontSize="22" FontFamily="Arial"/>

<Image Source="../Images/Books.png" Grid.Column="1" Grid.Row="2" Grid.RowSpan="3" HorizontalAlignment="Right" Margin="643,28,0,1" RenderTransformOrigin="0.5,0.5" Width="258">

<Image.RenderTransform>

<TransformGroup>

<ScaleTransform ScaleX="-1"/>

<SkewTransform/>

<RotateTransform/>

<TranslateTransform/>

</TransformGroup>

</Image.RenderTransform>

</Image>

<TextBlock HorizontalAlignment="Center" Margin="0,2,0,0" Grid.Row="3" TextWrapping="Wrap" Text="Дата проведения" VerticalAlignment="Top" FontFamily="Arial" FontSize="20"/>

<DatePicker SelectedDate="{Binding Datus}" FontSize="20" Margin="454,113,501,81" Grid.ColumnSpan="2" Grid.RowSpan="2" FontFamily="Arial" Background="White" Grid.Row="2"/>

<TextBlock HorizontalAlignment="Center" Margin="0,87,0,0" Grid.Row="3" TextWrapping="Wrap" Text="Затраты" VerticalAlignment="Top" FontFamily="Arial" FontSize="20"/>

<TextBox Text="{Binding Expenses}" HorizontalAlignment="Left" Margin="455,65,0,0" Grid.Row="3" TextWrapping="Wrap" VerticalAlignment="Top" Width="412" FontFamily="Arial" FontSize="20" Height="50" Grid.ColumnSpan="2"/>

</Grid>

Код с cs:

public partial class AddEditPage : Page

{

private Eventus \_currentEvent = new Eventus();

public AddEditPage(Eventus selectedEvent)

{

InitializeComponent();

if(selectedEvent != null)

\_currentEvent = selectedEvent;

DataContext = \_currentEvent;

ComboCategories.ItemsSource = DBEventsEntities.GetContext().Category.ToList();

}

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

{

StringBuilder errors = new StringBuilder();

if (string.IsNullOrWhiteSpace(\_currentEvent.TitleEvent))

errors.AppendLine("Укажите название мероприятия");

if (\_currentEvent.Category == null)

errors.AppendLine("Выберите категорию");

if (string.IsNullOrWhiteSpace(\_currentEvent.Location))

errors.AppendLine("Укажите место проведения");

if (errors.Length > 0)

{

MessageBox.Show(errors.ToString());

return;

}

if (\_currentEvent.EventCode == 0)

DBEventsEntities.GetContext().Eventus.Add(\_currentEvent);

try

{

DBEventsEntities.GetContext().SaveChanges();

MessageBox.Show("Информация сохранена!");

classFrame.MainFrameCF.Navigate(new EventsTable());

}

catch (Exception ex)

{

MessageBox.Show(ex.Message.ToString());

}

Кнопка **удалить**:

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

{

var EventsForRemoving = DGridEvents.SelectedItems.Cast<Eventus>().ToList();

if (MessageBox.Show($"Вы точно хотите удалить следующие {EventsForRemoving.Count()} элементов?", "Внимание", MessageBoxButton.YesNo, MessageBoxImage.Question) == MessageBoxResult.Yes)

{

try

{ DBEventsEntities.GetContext().Eventus.RemoveRange(EventsForRemoving);

DBEventsEntities.GetContext().SaveChanges();

MessageBox.Show("Данные удалены!");

DGridEvents.ItemsSource = DBEventsEntities.GetContext().Eventus.ToList();

}

catch (Exception ex)

{

MessageBox.Show(ex.Message.ToString());

}

Кнопка **сохранить**:

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

{

StringBuilder errors = new StringBuilder();

if (string.IsNullOrWhiteSpace(\_currentEvent.TitleEvent))

errors.AppendLine("Укажите название мероприятия");

if (\_currentEvent.Category == null)

errors.AppendLine("Выберите категорию");

if (string.IsNullOrWhiteSpace(\_currentEvent.Location))

errors.AppendLine("Укажите место проведения");

if (errors.Length > 0)

{

MessageBox.Show(errors.ToString());

return;

}

if (\_currentEvent.EventCode == 0)

DBEventsEntities.GetContext().Eventus.Add(\_currentEvent);

try

{

DBEventsEntities.GetContext().SaveChanges();

MessageBox.Show("Информация сохранена!");

classFrame.MainFrameCF.Navigate(new EventsTable());

}

catch (Exception ex)

{

MessageBox.Show(ex.Message.ToString());

}

**Поиск:**

private void TBoxSearch\_TextChanged(object sender, TextChangedEventArgs e)

{

DGridEvents.ItemsSource = Refresh(TBoxSearch.Text);

}

**Фильтрация:**

private void ComboCategories\_SelectionChanged(object sender, SelectionChangedEventArgs e)

{

DGridEvents.ItemsSource = Refresh(TBoxSearch.Text, ComboCategories.SelectedValue.ToString());

}

Аналогичным образом сделаны остальные страницы.