Листинг Кода

MainWindow.xaml

Title="MainWindow" Height="600" Width="1000" Icon="Image/unnamed1.jpg">

<Grid>

<Grid.RowDefinitions>

<RowDefinition Height="100"></RowDefinition>

<RowDefinition Height="\*"></RowDefinition>

<RowDefinition Height="50"></RowDefinition>

</Grid.RowDefinitions>

<StackPanel Grid.Row="0" Orientation="Horizontal" Background="Black">

<Image Source="Image/unnamed1.jpg" Margin="15 0 0 0" Height="75" />

<Button Content="Сотрудники" x:Name="CreateStaff" Height="35" Width="140" Margin="15 0 0 0" Click="CreateStaff\_Click" Visibility="Hidden"/>

<Button Content="Заказы" x:Name="UpdateOrder" Height="35" Width="140" Margin="15 0 0 0" Click="Order\_Click" Visibility="Hidden"/>

<TextBlock Height="25" Margin="15 0 0 0" Width="225" x:Name="Role" Foreground="White" />

<TextBox Height="25" Margin="15 0 0 0" Width="90" x:Name="Password"/>

<Button Content="Войти" x:Name="SignIn" Height="25" Width="75" Margin="15 0 0 0" Click="SignIn\_Click"/>

</StackPanel>

<Frame Grid.Row="1" x:Name="MainFrame" NavigationUIVisibility="Hidden" />

<StackPanel Grid.Row="2" Orientation="Horizontal" Background="Black" >

<Button Content="Выйти" x:Name="Exit" Height="35" Width="140" Margin="15 0 0 0" Click="Exit\_Click" Visibility="Hidden"/>

</StackPanel>

</Grid>

MainWindow.xaml.cs

public partial class MainWindow : Window

{

public static Staff \_staff;

public MainWindow()

{

InitializeComponent();

MainFrame.Navigate(new ClearPage());

ClassPage.MainFrame = MainFrame;

}

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

{

Password.Text = "";

Role.Text = "";

SignIn.Visibility = Visibility.Visible;

Password.Visibility = Visibility.Visible;

UpdateOrder.Visibility = Visibility.Hidden;

Exit.Visibility = Visibility.Hidden;

CreateStaff.Visibility = Visibility.Hidden;

MainFrame.Navigate(new ClearPage());

ClassPage.MainFrame = MainFrame;

}

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

{

MainFrame.Navigate(new OrdersPage());

ClassPage.MainFrame = MainFrame;

}

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

{

foreach (var i in KursovayaEntities.GetContext().Staffs)

{

if (Password.Text == i.Password)

{

Role.Text = i.FirstName + " " + i.Grade;

\_staff = i;

if (i.Grade == "Менеджер")

{

CreateStaff.Visibility = Visibility.Visible;

}

SignIn.Visibility = Visibility.Hidden;

Password.Visibility = Visibility.Hidden;

UpdateOrder.Visibility = Visibility.Visible;

Exit.Visibility = Visibility.Visible;

}

}

}

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

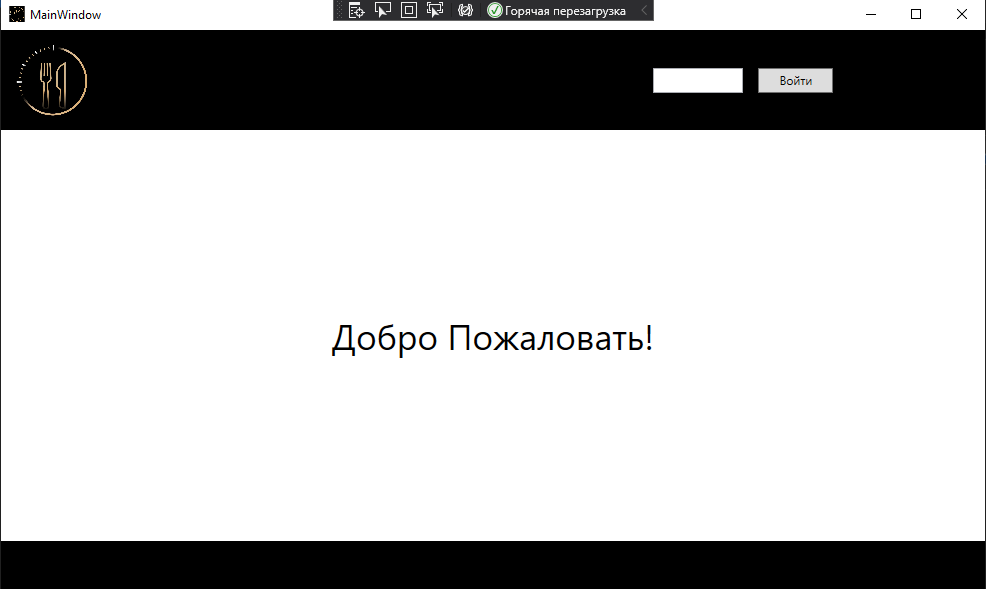
{

MainFrame.Navigate(new StaffPage());

ClassPage.MainFrame = MainFrame;

}

}



ClassPage.cs

class ClassPage

{

public static Frame MainFrame { get; set; }

}

StaffPage.xaml

Title="StaffPage" IsVisibleChanged="Page\_IsVisibleChanged">

<Grid>

<ListView x:Name="LV" >

<ListView.ItemTemplate>

<DataTemplate>

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition></ColumnDefinition>

<ColumnDefinition></ColumnDefinition>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

</Grid.RowDefinitions>

<TextBlock Text="Должность" Foreground="Black" Grid.Column="0" Grid.Row="0" Margin="0 0 15 0" FontWeight="Bold"/>

<TextBlock Text="{Binding Grade}" Foreground="Black" Grid.Column="1" Grid.Row="0"/>

<TextBlock Text="Имя" Foreground="Black" Grid.Column="0" Grid.Row="1" Margin="0 0 15 0" FontWeight="Bold"/>

<TextBlock Text="{Binding MiddleName}" Foreground="Black" Grid.Column="1" Grid.Row="1"/>

<TextBlock Text="Фамилия" Foreground="Black" Grid.Column="0" Grid.Row="2" Margin="0 0 15 0" FontWeight="Bold"/>

<TextBlock Text="{Binding FirstName}" Foreground="Black" Grid.Column="1" Grid.Row="2"/>

<TextBlock Text="Отчество" Foreground="Black" Grid.Column="0" Grid.Row="3" Margin="0 0 15 0" FontWeight="Bold"/>

<TextBlock Text="{Binding LastName}" Foreground="Black" Grid.Column="1" Grid.Row="3"/>

<Button Width="150" Content="Редактировать" Height="20" Grid.Column="0" Grid.Row="4" x:Name="UpdateStaff" Margin="0 15 15 15" Click="UpdateStaff\_Click"/>

<Button Width="150" Content="Удалить" Height="20" Grid.Column="1" Grid.Row="4" x:Name="DeleteStaff" Margin="0 15 0 15" Click="DeleteStaff\_Click"/>

</Grid>

</DataTemplate>

</ListView.ItemTemplate>

</ListView>

<Button Content="Добавить Сотрудника" Width="250" Height="40" x:Name="CreateStaff" Click="CreateStaff\_Click" VerticalAlignment="Center" HorizontalAlignment="Right" Margin="0 0 35 0"/>

</Grid>

StaffPage.xaml.cs

public partial class StaffPage : Page

{

public StaffPage()

{

InitializeComponent();

LV.ItemsSource = KursovayaEntities.GetContext().Staffs.ToList();

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

{

ClassPage.MainFrame.Navigate(new CreateStaff(null));

}

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

{

var \_staff = (sender as Button).DataContext as Staff;

ClassPage.MainFrame.Navigate(new CreateStaff(\_staff));

}

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

{

var \_staff = (sender as Button).DataContext as Staff;

KursovayaEntities.GetContext().Staffs.Remove(\_staff);

KursovayaEntities.GetContext().SaveChanges();

(LV.ItemsSource as List<Staff>).Remove(\_staff);

LV.Items.Refresh();

MessageBox.Show("Сотрудник удален!");

}

private void Page\_IsVisibleChanged(object sender, DependencyPropertyChangedEventArgs e)

{

if (Visibility == Visibility.Visible)

{

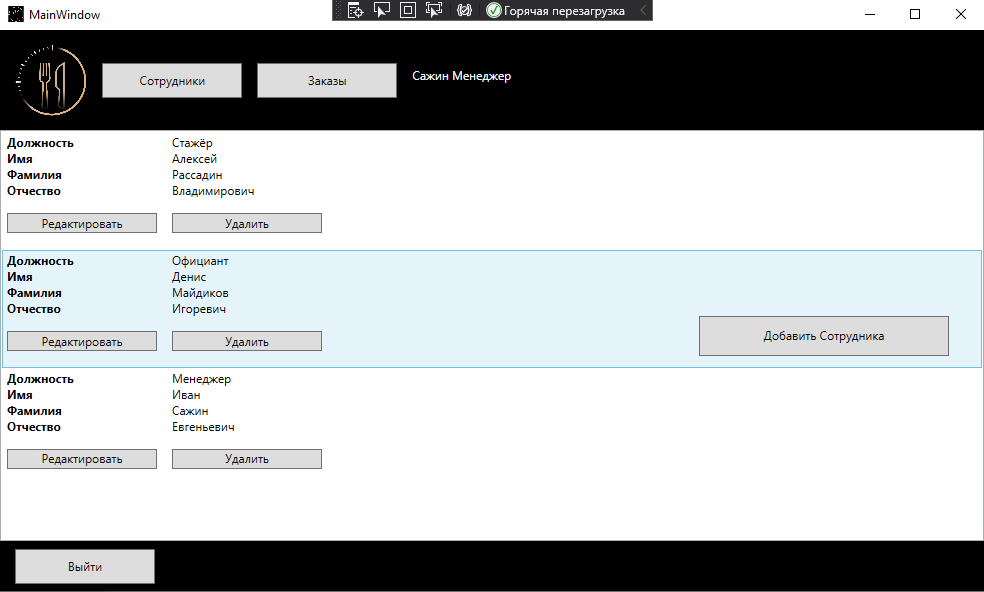
KursovayaEntities.GetContext().ChangeTracker.Entries().ToList().ForEach(p => p.Reload());

LV.ItemsSource = KursovayaEntities.GetContext().Staffs.ToList();

}

}

}



CreateStaff.xaml

<Grid>

<Grid.ColumnDefinitions>

<ColumnDefinition></ColumnDefinition>

<ColumnDefinition></ColumnDefinition>

</Grid.ColumnDefinitions>

<Grid.RowDefinitions>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

<RowDefinition></RowDefinition>

</Grid.RowDefinitions>

<TextBlock Text="Введите Фамилию сотрудника" Grid.Row="0" Grid.Column="0" Height="30" FontSize="25"/>

<TextBox x:Name="TB0" Grid.Row="0" Height="30" Width="200" Grid.Column="1" HorizontalAlignment="Left" Text="{Binding FirstName}"/>

<TextBlock Text="Введите Имя сотрудника" Grid.Row="1" Grid.Column="0" Height="30" FontSize="25"/>

<TextBox Grid.Row="1" x:Name="TB1" Height="30" Width="200" Grid.Column="1" HorizontalAlignment="Left" Text="{Binding MiddleName}"/>

<TextBlock Text="Введите Отчество сотрудника" Grid.Row="2" Grid.Column="0" Height="30" FontSize="25"/>

<TextBox Grid.Row="2" x:Name="TB2" Height="30" Width="200" Grid.Column="1" HorizontalAlignment="Left" Text="{Binding LastName}"/>

<TextBlock Text="Введите Должность сотрудника" Grid.Row="3" Grid.Column="0" Height="30" FontSize="25"/>

<ComboBox Grid.Row="3" x:Name="ComboboX" Height="30" Width="200" Grid.Column="1" HorizontalAlignment="Left" SelectedItem="{Binding Grade}"/>

<TextBlock Text="Введите Пароль сотрудника" Grid.Row="4" Grid.Column="0" Height="30" FontSize="25"/>

<TextBox Grid.Row="4" x:Name="TB4" Height="30" Width="200" Grid.Column="1" HorizontalAlignment="Left" Text="{Binding Password}"/>

<Button Content="Сохранить" Grid.Row="5" Height="30" Width="200" Click="CreateStaff\_Click"/>

<Button Content="Назад" Grid.Row="5" Grid.Column="1" Height="30" Width="100" Click="GoBack" HorizontalAlignment="Right"/>

</Grid>

CreateStaff.xaml.cs

public partial class CreateStaff : Page

{

Staff \_staff = new Staff();

public CreateStaff(Staff \_x)

{

InitializeComponent();

ComboboX.ItemsSource = KursovayaEntities.GetContext().Staffs.Select(\_y => \_y.Grade).Distinct().ToList();

if (\_x == null)

{

\_staff = new Staff();

}

else

{

\_staff = \_x;

TB0.Text = \_staff.FirstName;

TB1.Text = \_staff.MiddleName;

TB2.Text = \_staff.LastName;

ComboboX.SelectedItem = \_staff.Grade;

TB4.Text = \_staff.Password;

}

DataContext = \_staff;

}

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

{

\_staff.FirstName = TB0.Text;

\_staff.MiddleName = TB1.Text;

\_staff.LastName = TB2.Text;

\_staff.Grade = ComboboX.Text;

\_staff.Password = TB4.Text;

if (\_staff.IdStaff == 0)

KursovayaEntities.GetContext().Staffs.Add(\_staff);

try

{

KursovayaEntities.GetContext().SaveChanges();

MessageBox.Show("Данные успешно сохранены!");

ClassPage.MainFrame.Navigate(new StaffPage());

}

catch (Exception)

{

MessageBox.Show("Данные не сохранены!");

}

}

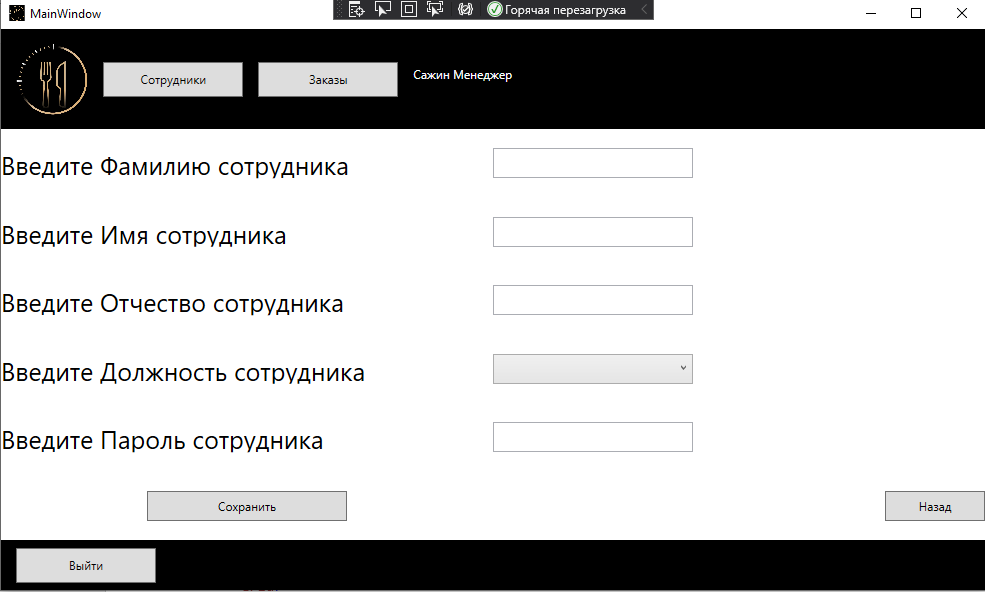
private void GoBack(object sender, RoutedEventArgs e)

{

ClassPage.MainFrame.Navigate(new StaffPage());

}

}



OrdersPage.xaml

Grid>

<DataGrid x:Name="DG" AutoGenerateColumns="False" IsReadOnly="True">

<DataGrid.Columns>

<DataGridTextColumn Header="Номер заказа" Width="Auto" Binding="{Binding IdOrder}"/>

<DataGridTextColumn Header="Сотрудник" Width="Auto" Binding="{Binding Staff.FirstName}"/>

<DataGridTextColumn Header="Сумма Заказа" Width="Auto" Binding="{Binding Path=Price, StringFormat={}{0:C}}"/>

<DataGridTextColumn Header="Статус" Width="Auto" Binding="{Binding Status}"/>

<DataGridTemplateColumn>

<DataGridTemplateColumn.CellTemplate>

<DataTemplate>

<Button x:Name="InfoOrder" Content="Посмореть информацию" Width="150" Height="30" Margin="5" Click="InfoOrder\_Click"/>

</DataTemplate>

</DataGridTemplateColumn.CellTemplate>

</DataGridTemplateColumn>

<DataGridTemplateColumn>

<DataGridTemplateColumn.CellTemplate>

<DataTemplate>

<Button x:Name="DeletedOrder" Content="Удалить Заказ" Width="150" Height="30" Margin="5" Click="DeletedOrder\_Click"/>

</DataTemplate>

</DataGridTemplateColumn.CellTemplate>

</DataGridTemplateColumn>

</DataGrid.Columns>

</DataGrid>

<Button x:Name="CreateInfoOrder" Content="Создать Заказ" Width="125" Height="30" VerticalAlignment="Bottom" Margin="0 0 0 50" Click="CreateInfoOrder\_Click"/>

</Grid>

OrdersPage.xaml.cs

public OrdersPage()

{

InitializeComponent();

var \_data = KursovayaEntities.GetContext().Orders.ToList();

foreach (var i in \_data)

{

i.Price = i.InfoOrders.Select(io => io.Amount).Sum();

}

DG.ItemsSource = \_data;

}

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

{

var \_order = (sender as Button).DataContext as Order;

ClassPage.MainFrame.Navigate(new CrudOrderPage(\_order));

}

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

{

ClassPage.MainFrame.Navigate(new CrudOrderPage(null));

}

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

{

var \_order = (sender as Button).DataContext as Order;

KursovayaEntities.GetContext().InfoOrders.RemoveRange(\_order.InfoOrders);

KursovayaEntities.GetContext().Orders.Remove(\_order);

KursovayaEntities.GetContext().SaveChanges();

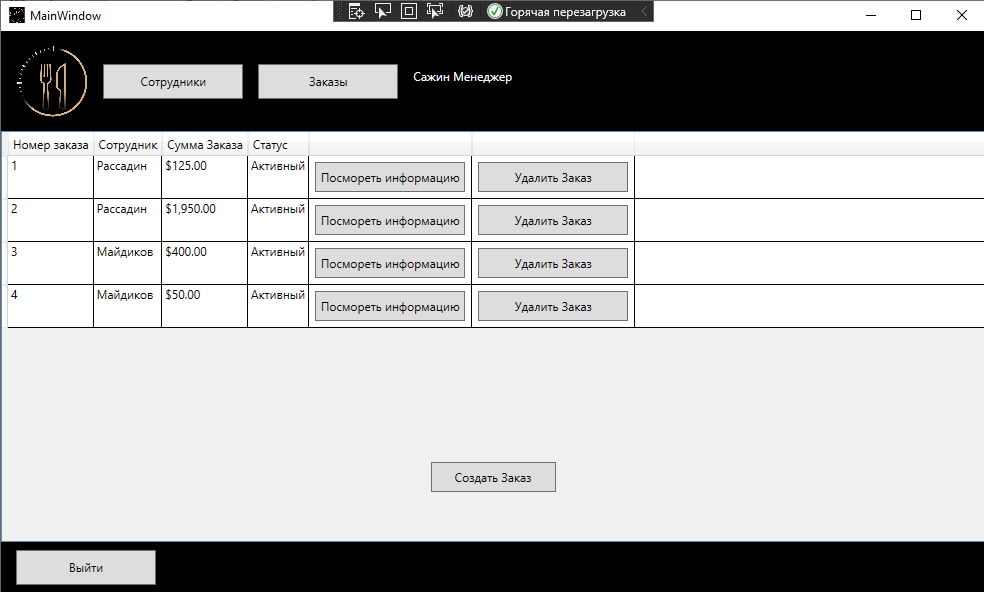
(DG.ItemsSource as ICollection<Order>).Remove(\_order);

DG.Items.Refresh();

MessageBox.Show("Заказ Удален");

}

}



CrudOrderPage.xaml

<Grid>

<StackPanel>

<StackPanel Orientation="Horizontal" VerticalAlignment="Top">

<TextBlock Text="Номер заказа" Margin="10 10 0 0" Height="20" FontWeight="Bold"/>

<TextBlock x:Name="NumberOrder" Margin="5 10 0 0" Width="auto" Height="20" FontWeight="Bold"/>

<TextBlock Text="Стоимость Заказа" Margin="35 10 0 0" Height="20" FontWeight="Bold"/>

<TextBlock x:Name="PriceOrder" Margin="5 10 0 0" Width="auto" Height="20" FontWeight="Bold"/>

</StackPanel>

<DataGrid x:Name="DG0" Margin="0 10 0 10" Height="auto" AutoGenerateColumns="False">

<DataGrid.Columns>

<DataGridTextColumn Header="Блюдо" Binding="{Binding Dish.Title}" Width="auto" />

<DataGridTextColumn Header="Количетсво" Binding="{Binding Quantity}" Width="auto" />

<DataGridTextColumn Header="Сумма" Binding="{Binding Path=Amount, StringFormat={}{0:C}}" Width="auto" />

<DataGridTemplateColumn>

<DataGridTemplateColumn.CellTemplate>

<DataTemplate>

<Button Content="Удалить блюдо" Margin="5" x:Name="DeleteDish" Click="DeleteDish\_Click" />

</DataTemplate>

</DataGridTemplateColumn.CellTemplate>

</DataGridTemplateColumn>

</DataGrid.Columns>

</DataGrid>

<StackPanel Orientation="Horizontal" VerticalAlignment="Bottom">

<Button Content="Добавить Блюдо" x:Name="CreateDish" Width="150" Height="30" Margin="50 10 0 20" Click="CreateDish\_Click"/>

</StackPanel>

<StackPanel Orientation="Horizontal">

<StackPanel Width="Auto" Orientation="Vertical">

<TextBlock Text="Выберете Блюдо" Margin="20"/>

<TextBlock Text="Количество Блюд" Margin="20"/>

</StackPanel>

<StackPanel Width="200">

<ComboBox x:Name="CMDish" Margin="20" DisplayMemberPath="Title"/>

<TextBox x:Name="Kolvo" Margin="20" />

</StackPanel>

</StackPanel>

</StackPanel>

</Grid>

CrudOrderPage.xaml.cs

public partial class CrudOrderPage : Page

{

private Order \_order1;

public CrudOrderPage(Order \_order)

{

InitializeComponent();

CMDish.ItemsSource = KursovayaEntities.GetContext().Dishs.ToList();

CMDish.SelectedIndex = 0;

if (\_order == null)

{

\_order = new Order();

\_order.Price = 0;

\_order.Staff = MainWindow.\_staff;

\_order.Status = "Активный";

}

this.\_order1 = \_order;

DG0.ItemsSource = \_order.InfoOrders;

NumberOrder.Text = Convert.ToString(\_order.IdOrder);

PriceOrder.Text = "$ " + Convert.ToString((int) \_order.Price);

}

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

{

var \_infoOrder = new InfoOrder();

\_infoOrder.Dish = CMDish.SelectedItem as Dish;

\_infoOrder.Order = \_order1;

\_infoOrder.Quantity = int.Parse(Kolvo.Text);

\_infoOrder.Amount = \_infoOrder.Quantity \* \_infoOrder.Dish.Price;

\_order1.InfoOrders.Add(\_infoOrder);

DG0.ItemsSource = \_order1.InfoOrders;

DG0.Items.Refresh();

\_order1.Price = \_order1.InfoOrders.Select(io => io.Amount).Sum();

PriceOrder.Text = "$ " + Convert.ToString((int)\_order1.Price);

KursovayaEntities.GetContext().InfoOrders.Add(\_infoOrder);

try

{

KursovayaEntities.GetContext().SaveChanges();

MessageBox.Show("Данные успешно сохранены!");

}

catch (Exception)

{

MessageBox.Show("Данные не сохранены!");

throw;

}

}

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

{

var \_info0 = (sender as Button).DataContext as InfoOrder;

KursovayaEntities.GetContext().InfoOrders.Remove(\_info0);

KursovayaEntities.GetContext().SaveChanges();

(DG0.ItemsSource as ICollection<InfoOrder>).Remove(\_info0);

DG0.Items.Refresh();

\_order1.Price = \_order1.InfoOrders.Select(io => io.Amount).Sum();

PriceOrder.Text = "$ " + Convert.ToString((int)\_order1.Price);

\_order1.InfoOrders.Remove(\_info0);

MessageBox.Show("блюдо удалено!");

}

