Окно PartnerRequestsWindow <Window x:Class="Финалочка.Windows.PartnerRequestsWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

Title="Система управления заявками партнёров"

Height="650" Width="1100"

FontFamily="Bahnschrift Light SemiCondensed"

WindowStartupLocation="CenterScreen"

Background="White"

Icon="/Resuors/Новые технологии.ico">

<Grid Background="White">

<Grid.RowDefinitions>

<RowDefinition Height="Auto"/>

<RowDefinition Height="\*"/>

<RowDefinition Height="Auto"/>

</Grid.RowDefinitions>

<!-- Шапка -->

<Border Grid.Row="0" Background="#BBDCFA" Padding="10">

<DockPanel VerticalAlignment="Center">

<Image Source="/Resuors/Новые технологии.png"

Width="60" Height="60"

Stretch="Uniform"

DockPanel.Dock="Left"

Margin="0,0,20,0"/>

<TextBlock Text="СИСТЕМА УПРАВЛЕНИЯ ЗАЯВКАМИ ПАРТНЁРОВ"

VerticalAlignment="Center"

FontSize="22"

FontWeight="Bold"

Foreground="#0C4882"

TextWrapping="Wrap"/>

</DockPanel>

</Border>

<!-- Основной контент -->

<Grid Grid.Row="1" Margin="20,10">

<Grid.ColumnDefinitions>

<ColumnDefinition Width="2\*"/>

<ColumnDefinition Width="3\*"/>

</Grid.ColumnDefinitions>

<!-- Список заявок -->

<DataGrid x:Name="RequestsGrid"

AutoGenerateColumns="False"

IsReadOnly="True"

SelectionMode="Single"

SelectionChanged="RequestsGrid\_SelectionChanged"

Background="#BBDCFA"

Margin="0,0,10,0"

BorderThickness="0">

<DataGrid.Columns>

<DataGridTextColumn Header="ID" Binding="{Binding PartnerId}" Width="Auto"/>

<DataGridTextColumn Header="Партнёр" Binding="{Binding PartnerName}" Width="\*"/>

<DataGridTextColumn Header="Сумма"

Binding="{Binding TotalAmount, StringFormat={}{0:N2} руб.}"

Width="Auto"/>

</DataGrid.Columns>

</DataGrid>

<!-- Детали заявки -->

<StackPanel Grid.Column="1" Margin="10,0,0,0">

<TextBlock x:Name="PartnerNameText"

FontSize="18"

FontWeight="Bold"

Foreground="#0C4882"

Margin="0,0,0,10"/>

<TextBlock x:Name="TotalAmountText"

FontSize="16"

Margin="0,0,0,20"/>

<DataGrid x:Name="ProductsGrid"

AutoGenerateColumns="False"

IsReadOnly="True"

Background="#F5F9FF"

BorderThickness="0">

<DataGrid.Columns>

<DataGridTextColumn Header="Продукт" Binding="{Binding ProductName}" Width="\*"/>

<DataGridTextColumn Header="Кол-во" Binding="{Binding Quantity}" Width="Auto"/>

<DataGridTextColumn Header="Цена"

Binding="{Binding UnitPrice, StringFormat={}{0:N2} руб.}"

Width="Auto"/>

<DataGridTextColumn Header="Сумма"

Binding="{Binding TotalPrice, StringFormat={}{0:N2} руб.}"

Width="Auto"/>

</DataGrid.Columns>

</DataGrid>

</StackPanel>

</Grid>

<!-- Кнопки -->

<StackPanel Grid.Row="2" Orientation="Horizontal" HorizontalAlignment="Right" Margin="0,10,20,10">

<Button Content="Обновить"

Click="RefreshButton\_Click"

Width="120"

Background="#0C4882"

Foreground="White"

Margin="5"/>

<Button Content="Закрыть"

Click="CloseButton\_Click"

Width="120"

Background="#0C4882"

Foreground="White"

Margin="5"/>

</StackPanel>

</Grid>

</Window>

Окно PartnerRequestsWindow.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows;

using System.Windows.Controls;

using System.Windows.Data;

using System.Windows.Documents;

using System.Windows.Input;

using System.Windows.Media;

using System.Windows.Media.Imaging;

using System.Windows.Shapes;

using Финалочка.Models;

namespace Финалочка.Windows

{

public partial class PartnerRequestsWindow : Window

{

private List<PartnerRequest> \_requests;

public PartnerRequestsWindow()

{

InitializeComponent();

LoadData();

}

private void LoadData()

{

try

{

using (var db = ПМ03Entities.GetContext())

{

\_requests = db.Заказы\_партнёрской\_продукции

.Include("Партнёры")

.Include("Продукция")

.Include("Продукция.Тип\_продукции")

.AsEnumerable()

.GroupBy(z => z.ID\_Партнёра)

.Select(g => new PartnerRequest

{

PartnerId = g.Key ?? 0,

PartnerName = g.First().Партнёры?.Наименование\_партнера ?? "Неизвестный партнёр",

TotalAmount = g.Sum(z => CalculateTotal(z)),

Products = g.Select(z => new ProductInRequest

{

ProductName = z.Продукция?.Наименование\_продукции ?? "Без названия",

Quantity = z.Количество\_продукции ?? 0,

UnitPrice = z.Продукция?.Минимальная\_стоимость\_для\_партнёра != null

? (double)z.Продукция.Минимальная\_стоимость\_для\_партнёра.Value

: 0,

TotalPrice = CalculateTotal(z)

}).ToList()

})

.ToList();

RequestsGrid.ItemsSource = \_requests;

}

}

catch (Exception ex)

{

MessageBox.Show("Ошибка при загрузке данных: " + ex.Message, "Ошибка", MessageBoxButton.OK, MessageBoxImage.Error);

}

}

private decimal CalculateTotal(Заказы\_партнёрской\_продукции z)

{

if (z.Количество\_продукции == null || z.Продукция?.Минимальная\_стоимость\_для\_партнёра == null)

return 0;

double quantity = z.Количество\_продукции.Value;

decimal price = z.Продукция.Минимальная\_стоимость\_для\_партнёра.Value;

double coeff = z.Продукция?.Тип\_продукции?.Коэффициент\_типа\_продукции != null

? (double)z.Продукция.Тип\_продукции.Коэффициент\_типа\_продукции.Value

: 1.0;

decimal total = price \* (decimal)quantity \* (decimal)coeff;

return Math.Round(total, 2);

}

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

{

if (RequestsGrid.SelectedItem is PartnerRequest selected)

{

PartnerNameText.Text = selected.PartnerName;

TotalAmountText.Text = $"Общая сумма: {selected.TotalAmount:N2} руб.";

ProductsGrid.ItemsSource = selected.Products;

}

}

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

{

LoadData();

}

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

{

Close();

}

}

public class PartnerRequest

{

public int PartnerId { get; set; }

public string PartnerName { get; set; }

public decimal TotalAmount { get; set; }

public List<ProductInRequest> Products { get; set; }

}

public class ProductInRequest

{

public string ProductName { get; set; }

public double Quantity { get; set; }

public double UnitPrice { get; set; }

public decimal TotalPrice { get; set; }

}

}

Контест

public partial class ПМ03Entities : DbContext

{

public ПМ03Entities()

: base("name=ПМ03Entities")

{

}

private static ПМ03Entities \_context;

public static ПМ03Entities GetContext()

{

if (\_context == null)

\_context = new ПМ03Entities();

return \_context;

}

<Application x:Class="Финалочка.App"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:local="clr-namespace:Финалочка"

StartupUri="Windows/PartnerRequestsWindow.xaml">

<Application.Resources>

</Application.Resources>

</Application>