using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using PopryzhonokApp.Utils;

using PopryzhonokApp.ModelEF;

using PopryzhonokApp.Views;

using PopryzhonokApp.Views.PartialView;

namespace PopryzhonokApp

{

public partial class MainPage : Form

{

#region Показ данных

public static List<Agent> agents = new List<Agent>();

public static List<AgentCard> selectedAgentCard = new List<AgentCard>();

int currentPage = 0;

int currentSize = 10;

// Счётчик страниц

int pagenum = 0;

int pagesize = 10;

public MainPage()

{

InitializeComponent();

agents = DbContext.db.Agent.ToList();

Paging(currentPage, currentSize);

}

private void GenerateAgentCardList(List<Agent> agent)

{

foreach (var a in agent)

{

AgentCard card = new AgentCard();

card.GenerateDataToAgentCard(a);

flowLayoutPanel1.Controls.Add(card);

card.DoubleClick += new System.EventHandler(this.AgentCard\_DoubleClick);

}

}

private void Paging(int new1, int new2)

{

if (currentPage < 0)

{

currentPage = 0;

pagenum = 0;

//return;

}

RangeLbl.Text = $"Страница {pagenum + 1} из {agents.Count / pagesize}";

SortListView();

}

#endregion

#region Поиск, фильтрация, сортировка и убывание

private void MainPage\_Load(object sender, EventArgs e)

{

var allType = DbContext.db.AgentType.Select(type => type.Title).ToList();

allType.Insert(0, "Все типы");

FilterComboBox.DataSource = allType;

FilterComboBox.SelectedIndex = 0;

SortComboBox.SelectedIndex = 0;

}

private void SortListView()

{

flowLayoutPanel1.Controls.Clear();

var listUpdate = DbContext.db.Agent.ToList();

#region Поиск

if (SearchTextBox.Text != "Введите для поиска" && !string.IsNullOrWhiteSpace(SearchTextBox.Text))

{

listUpdate = listUpdate.Where(p => p.Title.ToLower().Contains(SearchTextBox.Text.ToLower())

|| p.Phone.Contains(SearchTextBox.Text)

|| p.Email.Contains(SearchTextBox.Text.ToLower())).ToList();

}

#endregion

#region Фильтрация

if (FilterComboBox.SelectedIndex > 0)

{

listUpdate = listUpdate.Where(type => type.AgentType.Title == FilterComboBox.SelectedItem.ToString()).ToList();

}

#endregion

#region Сортировка

switch (SortComboBox.Text)

{

case "Наименование":

if (!DescCheckBox.Checked)

listUpdate = listUpdate.OrderBy(a => a.Title).ToList();

else

listUpdate = listUpdate.OrderByDescending(a => a.Title).ToList();

break;

case "Приоритет":

if (!DescCheckBox.Checked)

listUpdate = listUpdate.OrderBy(a => a.Priority).ToList();

else

listUpdate = listUpdate.OrderByDescending(a => a.Priority).ToList();

break;

//case "Скидка":

// if (!DescCheckBox.Checked)

// listUpdate = listUpdate.OrderBy(a => a.).ToList();

// else

// listUpdate = listUpdate.OrderByDescending(a => a.).ToList();

// break;

}

#endregion

var pageList = listUpdate.Skip(pagenum \* pagesize).Take(pagesize).ToList();

GenerateAgentCardList(pageList);

}

private void SearchTextBox\_TextChanged(object sender, EventArgs e)

{

if (SearchTextBox.Text != "")

{

flowLayoutPanel1.Controls.Clear();

pagenum = 0;

Paging(currentPage, currentSize);

}

}

private void SortComboBox\_SelectedIndexChanged(object sender, EventArgs e)

{

flowLayoutPanel1.Controls.Clear();

SortListView();

}

private void FilterComboBox\_SelectedIndexChanged(object sender, EventArgs e)

{

flowLayoutPanel1.Controls.Clear();

SortListView();

}

private void DescCheckBox\_CheckedChanged(object sender, EventArgs e)

{

flowLayoutPanel1.Controls.Clear();

SortListView();

}

#endregion

#region Кнопки (или объекты со св-вом Click)

private void LeftLbl\_Click(object sender, EventArgs e)

{

if (pagenum < 1)

return;

pagenum--;

currentPage = (currentPage - currentSize) < 0 ? (currentPage - 1) : 0;

flowLayoutPanel1.Controls.Clear();

Paging(currentPage, currentSize);

}

private void RightLbl\_Click(object sender, EventArgs e)

{

if (pagenum > ((agents.Count / pagesize) - 2))

return;

pagenum++;

currentPage = ((currentPage + 1) \* currentSize) < agents.Count() ? (currentPage + 1) : currentPage;

flowLayoutPanel1.Controls.Clear();

Paging(currentPage, currentSize);

}

private void AgentCard\_DoubleClick(object sender, EventArgs e)

{

AgentCard card = sender as AgentCard;

card.BackColor = Color.FromArgb(67, 220, 254);

selectedAgentCard.Add(card);

EditAgentPage editAgent = new EditAgentPage();

DialogResult result = editAgent.ShowDialog();

if (result == DialogResult.OK)

{

SortListView();

}

card.BackColor = Color.White;

SortListView();

}

private void ExitBtn\_Click(object sender, EventArgs e)

{

Application.Exit();

}

#endregion

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using PopryzhonokApp.Utils;

using PopryzhonokApp.ModelEF;

namespace PopryzhonokApp.Views.PartialView

{

public partial class AgentCard : UserControl

{

public AgentCard()

{

InitializeComponent();

}

#region Показ данных на карточке

public void GenerateDataToAgentCard(Agent agent)

{

int qty = 0;

decimal sum = 0;

IDLabel.Text = Convert.ToString(agent.ID);

AgentPicture.ImageLocation = agent.Logo;

NameTypeAgentLabel.Text = agent.AgentType.Title + " | " + agent.Title;

foreach (ProductSale sale in agent.ProductSale)

{

qty += sale.ProductCount;

sum += qty \* sale.Product.MinCostForAgent;

}

if (qty > 0)

SaleYearLabel.Text = qty + " продаж за год";

else

SaleYearLabel.Text = " ";

PhoneLabel.Text = agent.Phone;

PriorityLabel.Text = "Приоритетность: " + agent.Priority;

if (sum < 10000)

DiscountLabel.Text = "0%";

else if (sum >= 10000 && sum < 50000)

DiscountLabel.Text = "5%";

else if (sum >= 50000 && sum < 150000)

DiscountLabel.Text = "10%";

else if (sum >= 150000 && sum < 500000)

DiscountLabel.Text = "20%";

else

DiscountLabel.Text = "25%";

}

#endregion

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using PopryzhonokApp.ModelEF;

using PopryzhonokApp.Utils;

using PopryzhonokApp.Views;

using PopryzhonokApp.Views.PartialView;

namespace PopryzhonokApp.Views

{

public partial class EditAgentPage : Form

{

public Agent agent { get; set; } = null;

public EditAgentPage()

{

InitializeComponent();

}

private void EditAgentPage\_Load(object sender, EventArgs e)

{

foreach (AgentCard agentCard in MainPage.selectedAgentCard)

{

if (agent != null)

{

if (agent.Logo != "")

agent.Logo = agent.Logo;

else

agent.Logo = "";

}

agent = DbContext.db.Agent.First(x => x.ID.ToString() == agentCard.IDLabel.Text);

agentBindingSource.DataSource = agent;

if (!string.IsNullOrEmpty(agent.Logo))

LogoPicBox.ImageLocation = agent.Logo;

else

LogoPicBox.ImageLocation = "";

}

agentTypeBindingSource.DataSource = DbContext.db.AgentType.ToList();

}

#region Кнопки (или объекты со св-вом Click)

private void SaveButn\_Click(object sender, EventArgs e)

{

agent = (Agent)agentBindingSource.Current;

if (agent.ID == 0)

DbContext.db.Agent.Add(agent);

try

{

DbContext.db.SaveChanges();

MessageBox.Show("Данные сохранены");

DialogResult = DialogResult.OK;

}

catch (Exception ex)

{

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

}

}

private void ChangeImageButn\_Click(object sender, EventArgs e)

{

OpenFileDialog dialog = new OpenFileDialog();

dialog.Filter = "Image Files(\*.BMP; \*.JPG; \*.GIF; \*.PNG)| \*.BMP; \*.JPG; \*.GIF; \*.PNG | All files(\*.\*) | \*.\* "; //формат загружаемого файла

if (dialog.ShowDialog() == DialogResult.OK) //если в окне была нажата кнопка "ОК"

{

try

{

Bitmap image = new Bitmap(dialog.FileName);

this.LogoPicBox.Size = image.Size;

LogoPicBox.Image = image;

LogoPicBox.Invalidate();

}

catch

{

DialogResult rezult = MessageBox.Show("Невозможно открыть выбранный файл",

"Ошибка", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

}

private void ExitBtn\_Click(object sender, EventArgs e)

{

DialogResult = DialogResult.Cancel;

}

#endregion

}

}