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.Navigation;

using System.Windows.Shapes;

namespace ListViewer.App.Pages

{

/// <summary>

/// Логика взаимодействия для BooksList.xaml

/// </summary>

public partial class BooksList : Page

{

ListView booksList;

Button favoriteSetButton;

public BooksList()

{

InitializeComponent();

}

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

{

App.ParentWindowRef.ParentFrame.GoBack();

}

private void Page\_Loaded(object sender, RoutedEventArgs e)

{

favoriteSetButton = (Button)FindName("setFavoriteButton");

booksList = (ListView)FindName("BooksListView");

using (EntityContext db = new EntityContext())

{

var dataset = db.Books.

Select(u => new BookView { author = u.author, name = u.name, genre = u.genre, yearPublished=u.yearPublish}).

ToList();

for (int i = 0; i < dataset.Count; i++)

{

booksList.Items.Add(dataset[i]);

}

}

}

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

{

BookView listViewItem = booksList.SelectedItem as BookView;

if (listViewItem == null) return;

using (EntityContext db = new EntityContext())

{

Book book = db.Books.SingleOrDefault(u => u.author==listViewItem.author && u.name == listViewItem.name &&

u.genre == listViewItem.genre && u.yearPublish == listViewItem.yearPublished);

if (book.isFavorite)

{

book.isFavorite = false;

UpdateFavoriteButtonUI("В избранное", new SolidColorBrush(Color.FromRgb(221, 221, 221)));

}

else

{

book.isFavorite = true;

UpdateFavoriteButtonUI("В избранном", Brushes.Yellow);

}

db.SaveChanges();

}

}

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

{

var listview = sender as ListView;

var item = listview.SelectedItem;

var bookview = item as BookView;

if (item != null)

{

using (EntityContext db = new EntityContext())

{

var book = db.Books.SingleOrDefault(u => u.author==bookview.author && u.name==bookview.name &&

u.genre == bookview.genre && u.yearPublish == bookview.yearPublished);

if (book.isFavorite)

{

UpdateFavoriteButtonUI("В избранном", Brushes.Yellow);

}

else

{

UpdateFavoriteButtonUI("В избранное", new SolidColorBrush(Color.FromRgb(221, 221, 221)));

}

}

}

}

private void UpdateFavoriteButtonUI(string text, Brush brush)

{

favoriteSetButton.Content = text;

favoriteSetButton.Background = brush;

}

}