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//-- *****
//-- Project:      HND Data Project
//-- Module:       PageClientCreate
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//-- Date created: 06 January 2019
//-- *****

using System;
using System.Collections.Generic;
using System.Windows;
using System.Windows.Controls;
using RentalWPF.Models;
using RentalWPF.Data;

namespace RentalWPF
{
    /// <summary>
    /// Interaction logic for PageClientCreate.xaml
    /// </summary>
    public partial class PageClientCreate : Page
    {

        private List<ClientType> clientTypes = new List<ClientType>();
        private int currentSelectedClientType = 0;

        public PageClientCreate()
        {
            InitializeComponent();
            //-- Load the ClientTypes
            clientTypes = ClientTypeDB.GetAllClientTypes("RentalAzure");
        }

        #region ClientTypes combo
        //-- Client Types load
        private void ClientTypeCombo_Loaded(object sender, RoutedEventArgs e)
        {
            var combo = sender as ComboBox;
            combo.ItemsSource = clientTypes;
            //-- set the current Id with combo selection
            //-- bool parseOk =
            Int32.TryParse(ClientTypeCombo.SelectedValue.ToString(), out
            currentSelectedClientType);
        }
        //-- Client Type changed
        private void ClientTypeCombo_SelectionChanged(object sender,
        SelectionChangedEventArgs e)
        {
            //-- set the current Id with combo selection
            bool parseOk = Int32.TryParse(ClientTypeCombo.SelectedValue.ToString(),
            out currentSelectedClientType);
        }
        #endregion

        private void InsertClientButton_Click(object sender, RoutedEventArgs e)
        {
            var client = HarvestClientData();

            if (client != null)
            {
                int insertSuccess = PersonDB.ClientInsert("RentalAzure", client);
                //MessageBox.Show("Inserted " + client.Surname + ", " +
                client.Forename + " into Database");
                //-- This style is more processor efficient in string construction
                with variables
                if (insertSuccess == 1)
                {
                    MessageBox.Show($"Inserted {client.Surname}, {client.Forename}
                    into the database");
                }
            }
        }
    }
}

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        else
        {
            MessageBox.Show("Insert process not completed");
        }
    }

    GoToClientHome();
}

//-- Get all client data and ensure all fields filled
private Client HarvestClientData()
{
    //-- check the combo has been used
    if(currentSelectedClientType == 0)
    {
        MessageBox.Show("You must select a Client Type");
        return null;
    }

    var myClient = new Client
    {
        ClientTypeID = currentSelectedClientType,

    };

    //-- validate forename
    if (ForenameTextBox.Text == "")
    {
        MessageBox.Show("You must enter a Forename");
    }
    else
    {
        myClient.Forename = ForenameTextBox.Text.Trim();
    }

    //-- validate surname
    if (SurnameTextBox.Text == "")
    {
        MessageBox.Show("You must enter a Surname");
    }
    else
    {
        myClient.Surname = SurnameTextBox.Text.Trim();
    }

    //-- validate Account Number
    if(AccountNumberTextBox.Text == "")
    {
        MessageBox.Show("You must enter an Account Number");
    }
    else
    {
        myClient.AccountNumber = AccountNumberTextBox.Text.Trim();
    }

    //-- Mobile Phone
    if(MobilePhoneTextBox.Text == "")
    {
        myClient.MobilePhone = "Not known";
    }
    else
    {
        myClient.MobilePhone = MobilePhoneTextBox.Text.Trim();
    }

    return myClient;
}

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//-- Utility method to clear the form
private void ClearDataButton_Click(object sender, RoutedEventArgs e)
{
    ClearForm();
}

private void ClearForm()
{
    ClientTypeCombo.SelectedValue = null;
    ForenameTextBox.Text = "";
    SurnameTextBox.Text = "";
    AccountNumberTextBox.Text = "";
    MobilePhoneTextBox.Text = "";
}

private void ClientHomeButton_Click(object sender, RoutedEventArgs e)
{
    GoToClientHome();
}

private void GoToClientHome()
{
    var clientHome = new PageClient();
    this.NavigationService.Navigate(clientHome);
}
}
```