**Тестирование настольного приложения**

Тестирование проводилось методом юнит-тестов:

using Microsoft.VisualStudio.TestTools.UnitTesting;

using Happy\_Tooth\_WPF;

using System;

using System.Linq;

using System.Collections.Generic;

using System.Windows.Controls;

using System.Windows;

namespace UnitTestProject

{

[TestClass]

public class MenuWindowTests

{

[TestMethod]

public void MenuWindow\_InitializesWithPatientsPage()

{

// Arrange & Act

var menuWindow = new MenuWindow();

// Assert

Assert.IsInstanceOfType(menuWindow.MainFrame.Content, typeof(PatientsPage));

}

[TestMethod]

public void BtnPatients\_Click\_NavigatesToPatientsPage()

{

// Arrange

var menuWindow = new MenuWindow();

var button = new Button();

// Act

menuWindow.btnPatients\_Click(button, new RoutedEventArgs());

// Assert

Assert.IsInstanceOfType(menuWindow.MainFrame.Content, typeof(PatientsPage));

}

[TestMethod]

public void BtnDoctors\_Click\_NavigatesToDoctorsPage()

{

// Arrange

var menuWindow = new MenuWindow();

var button = new Button();

// Act

menuWindow.btnDoctors\_Click(button, new RoutedEventArgs());

// Assert

Assert.IsInstanceOfType(menuWindow.MainFrame.Content, typeof(DoctorsPage));

}

[TestMethod]

public void BtnReports\_Click\_NavigatesToReportsPage()

{

// Arrange

var menuWindow = new MenuWindow();

var button = new Button();

// Act

menuWindow.btnReports\_Click(button, new RoutedEventArgs());

// Assert

Assert.IsInstanceOfType(menuWindow.MainFrame.Content, typeof(ReportsPage));

}

[TestMethod]

public void BtnProfile\_Click\_NavigatesToProfilePage()

{

// Arrange

var menuWindow = new MenuWindow();

var button = new Button();

// Act

menuWindow.btnProfile\_Click(button, new RoutedEventArgs());

// Assert

Assert.IsInstanceOfType(menuWindow.MainFrame.Content, typeof(ProfilePage));

}

[TestMethod]

public void BtnAppointments\_Click\_NavigatesToAppointmentsPage()

{

// Arrange

var menuWindow = new MenuWindow();

var button = new Button();

// Act

menuWindow.btnAppointments\_Click(button, new RoutedEventArgs());

// Assert

Assert.IsInstanceOfType(menuWindow.MainFrame.Content, typeof(AppointmentsPage));

}

[TestMethod]

public void BtnVisits\_Click\_NavigatesToVisitsPage()

{

// Arrange

var menuWindow = new MenuWindow();

var button = new Button();

// Act

menuWindow.btnVisits\_Click(button, new RoutedEventArgs());

// Assert

Assert.IsInstanceOfType(menuWindow.MainFrame.Content, typeof(VisitsPage));

}

[TestMethod]

public void BtnLogout\_Click\_ClosesWindowAndOpensMainWindow()

{

// Arrange

var menuWindow = new MenuWindow();

var button = new Button();

// Act

menuWindow.btnLogout\_Click(button, new RoutedEventArgs());

Assert.IsFalse(menuWindow.IsLoaded);

}

}

}

Результат:

