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Xamarin - Analytics, Crash, Beta Distributions, UI end to end test recording and user load testing

Category Xamarin

TODO: Finish this post, this is just notes​

- https://mobile.azure.com - next gen xamarin test cloud and hockeyapp

- Create UI Test Project (make sure to update the Xamarin.UITest nuget, if not it wont work with xcode 8)

- Set iOS app to i386

- In text explorere view - right click "Test Apps" and add your app

*Tests.cs*

using System;  
using System.IO;  
using System.Linq;  
using NUnit.Framework;  
using Xamarin.UITest;  
using Xamarin.UITest.iOS;  
using Xamarin.UITest.Queries;  
  
namespace MobileVendavo.iOS.UI.Tests  
{  
    [TestFixture]  
    public class Tests  
    {  
        iOSApp app;  
  
        [SetUp]  
        public void BeforeEachTest()  
        {  
            // TODO: If the iOS app being tested is included in the solution then open  
            // the Unit Tests window, right click Test Apps, select Add App Project  
            // and select the app projects that should be tested.  
            //  
            // The iOS project should have the Xamarin.TestCloud.Agent NuGet package  
            // installed. To start the Test Cloud Agent the following code should be  
            // added to the FinishedLaunching method of the AppDelegate:  
            //  
            //    #if ENABLE\_TEST\_CLOUD  
            //    Xamarin.Calabash.Start();  
            //    #endif  
            app = ConfigureApp  
                .iOS  
                .EnableLocalScreenshots()  
                // TODO: Update this path to point to your iOS app and uncomment the  
                // code if the app is not included in the solution.  
                .AppBundle ("../../../MobileVendavo/MobileVendavo.iOS/bin/iPhoneSimulator/Debug/MobileVendavoiOS.app")  
                .StartApp();  
        }  
  
        [Test]  
        public void AppLaunches()  
        {  
            app.WaitForElement(x => x.Text("Clear Cache"));  
            app.Tap(x => x.Text("Clear Cache"));  
            app.Screenshot("Tapped on view with class: UIButtonLabel marked: Clear Cache");  
            app.Tap(x => x.Text("Login"));  
            app.Screenshot("Tapped on view with class: UIButtonLabel marked: Login");  
            app.Tap(x => x.Marked("EVERGREEN PACKAGING INC "));  
            app.Screenshot("Tapped on view with class: UITableViewLabel marked: EVERGREEN PACKAGING INC ");  
            app.Tap(x => x.Marked("Ship To - PINE BLUFF"));  
            app.Screenshot("Tapped on view with class: UILabel marked: Ship To - PINE BLUFF");  
            app.Tap(x => x.Marked("$0.5450"));  
            app.Screenshot("Tapped on view with class: UILabel marked: $0.5450");  
            app.Tap(x => x.Marked("Back"));  
            app.Screenshot("Tapped on view with class: UINavigationItemButtonView marked: Back");  
            app.Tap(x => x.Class("UINavigationItemButtonView"));  
            app.Screenshot("Tapped on view with class: UINavigationItemButtonView");  
            app.Tap(x => x.Class("UITabBarSwappableImageView").Index(1));  
            app.Screenshot("Tapped on view with class: UITabBarSwappableImageView");  
            app.Tap(x => x.Marked("LDPE 5004I "));  
            app.Screenshot("Tapped on view with class: UITableViewLabel marked: LDPE 5004I ");  
            app.Tap(x => x.Marked("EVERGREEN PACKAGING INC "));  
            app.Screenshot("Tapped on view with class: UILabel marked: EVERGREEN PACKAGING INC ");  
            app.Tap(x => x.Class("UITabBarSwappableImageView").Index(2));  
            app.Screenshot("Tapped on view with class: UITabBarSwappableImageView");  
            app.Tap(x => x.Class("UITabBarSwappableImageView"));  
            app.Screenshot("Tapped on view with class: UITabBarSwappableImageView");  
            app.Tap(x => x.Marked("MAXI-LIFT INC "));  
            app.Screenshot("Tapped on view with class: UITableViewLabel marked: MAXI-LIFT INC ");  
            app.Tap(x => x.Class("UITabBarSwappableImageView").Index(2));  
            app.Screenshot("Tapped on view with class: UITabBarSwappableImageView");  
        }  
    }  
  
}