

PRESENTED BY WING CHAN

INTRODUCTION TO



AGENDA

- Who is Xamarin?
- What is Xamarin Platform?
- Traditional Xamarin and Xamarin Forms?
- Xamarin Forms
- Live Demo
- Learning Resources

WHO IS XAMARIN?

- Founded in 2011 by Miguel de Icaza (Mono Project Creator)
- Acquired by Microsoft in 2016
- Provides cross-platform mobile development tools



WHAT IS XAMARIN PLATFORM?



TRADITIONAL XAMARIN VS XAMARIN FORMS



iOS C# UI



Android C# UI



Windows C# UI

Shared App Logic



Xamarin.Forms

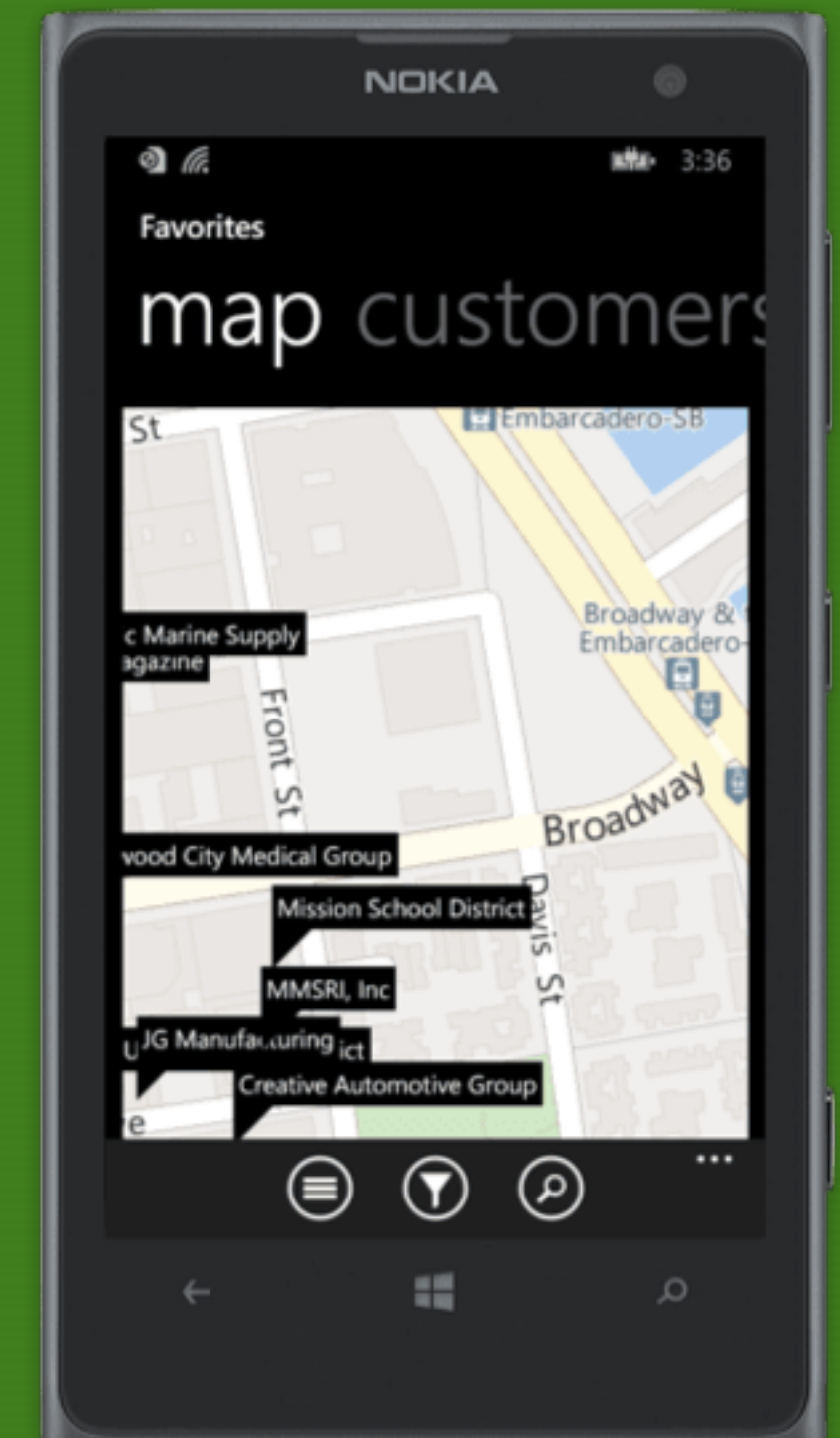
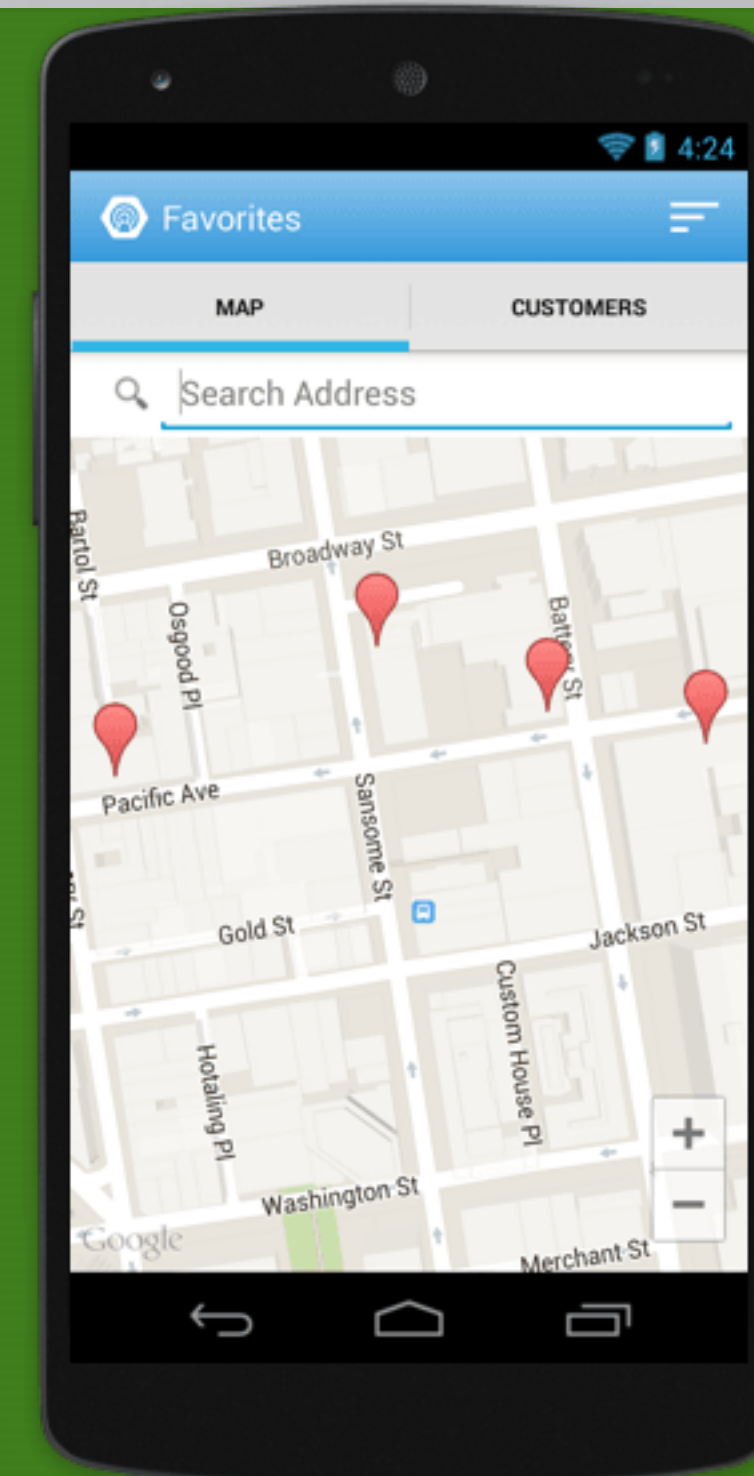
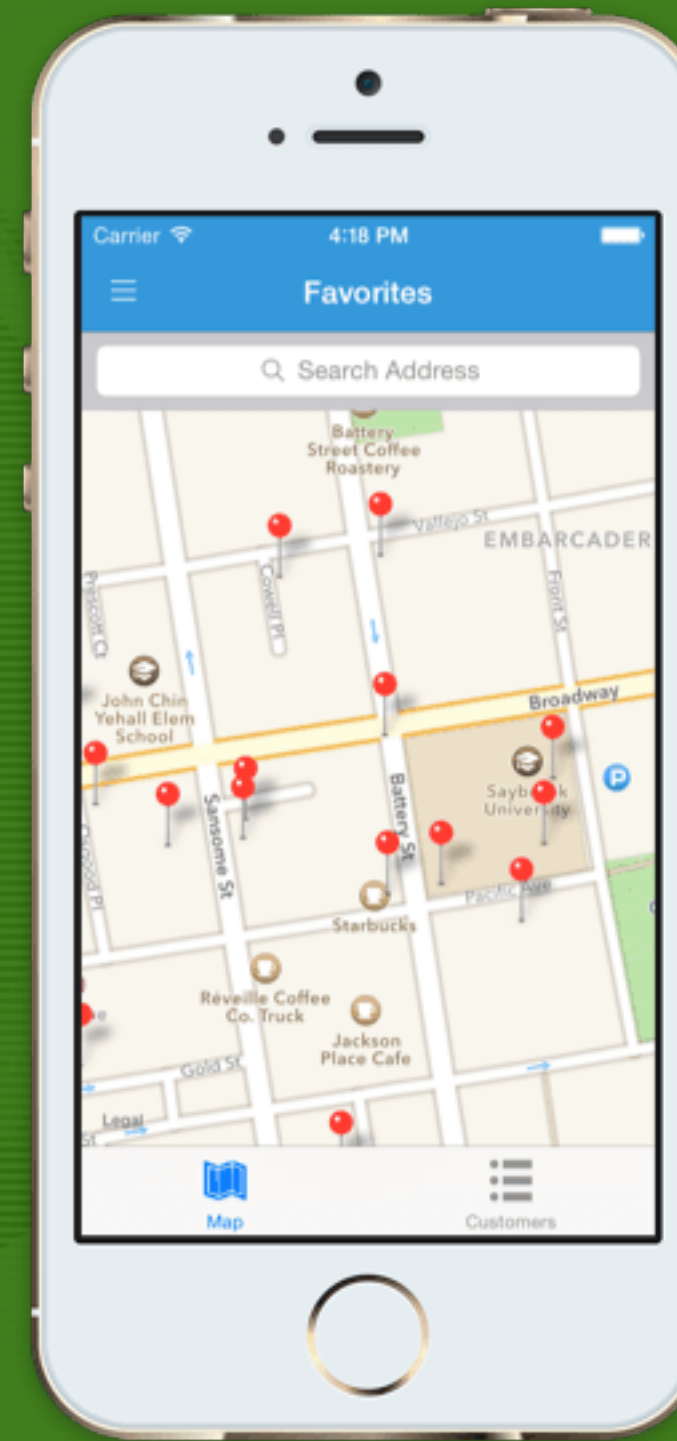


Shared App Logic

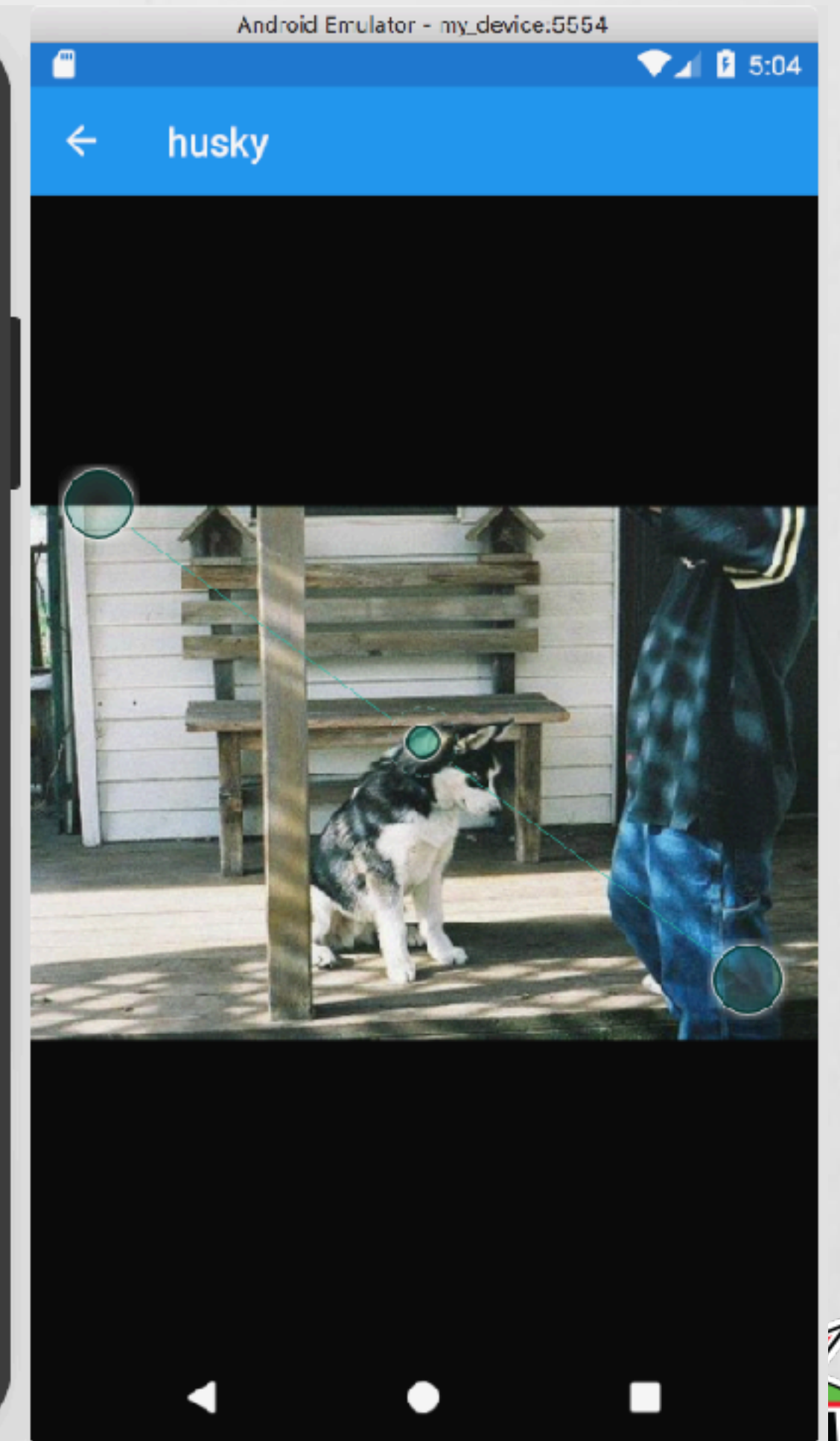
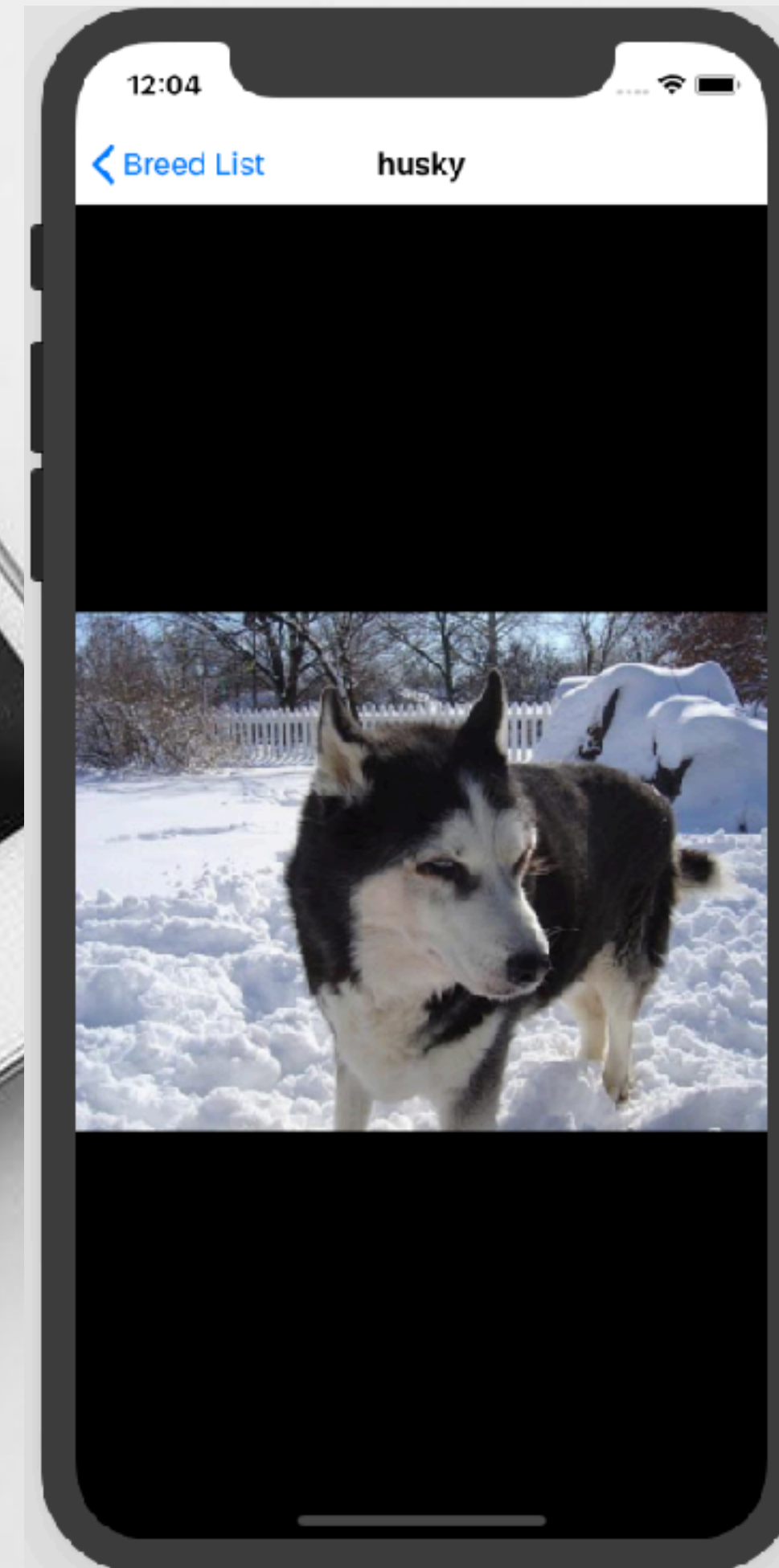
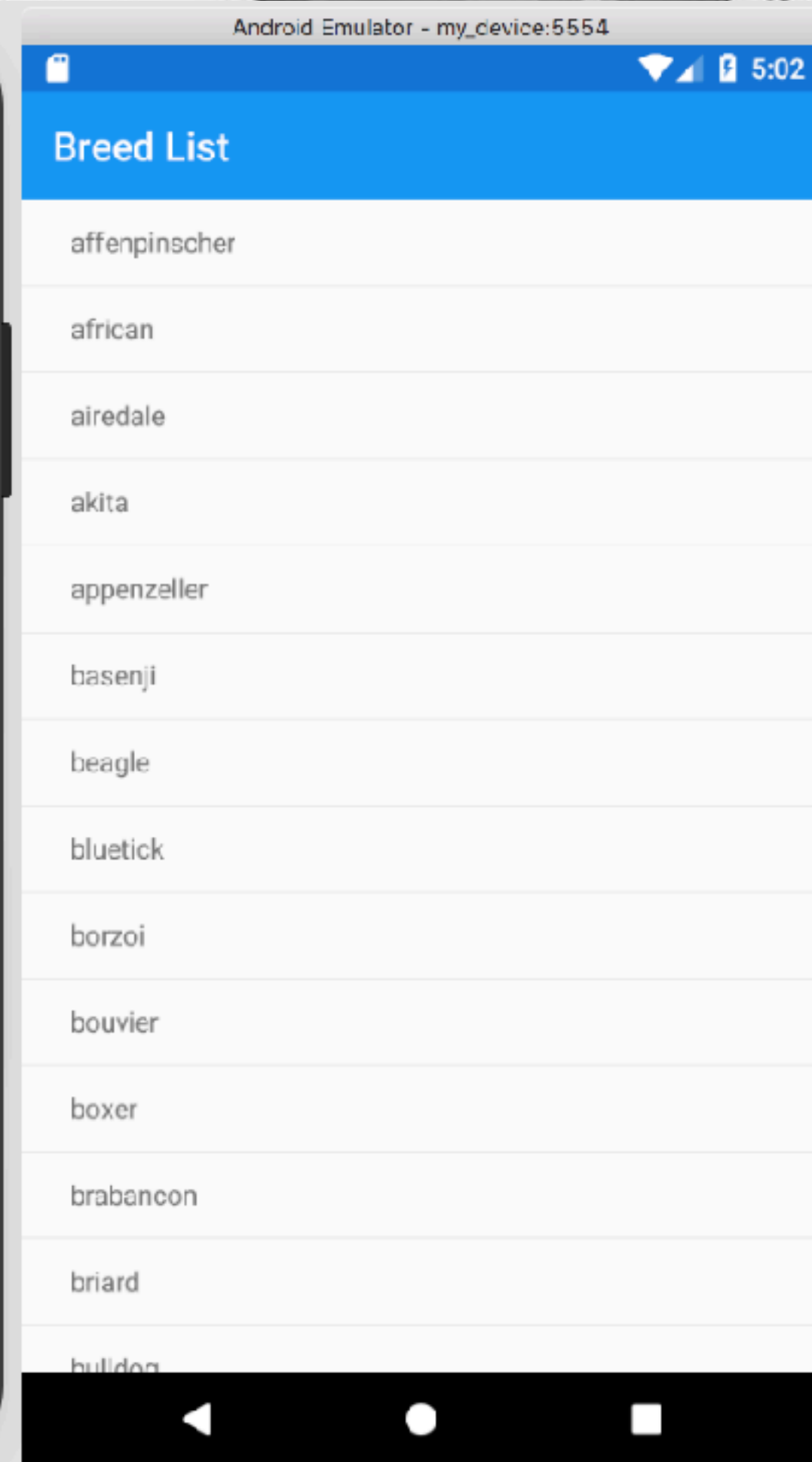
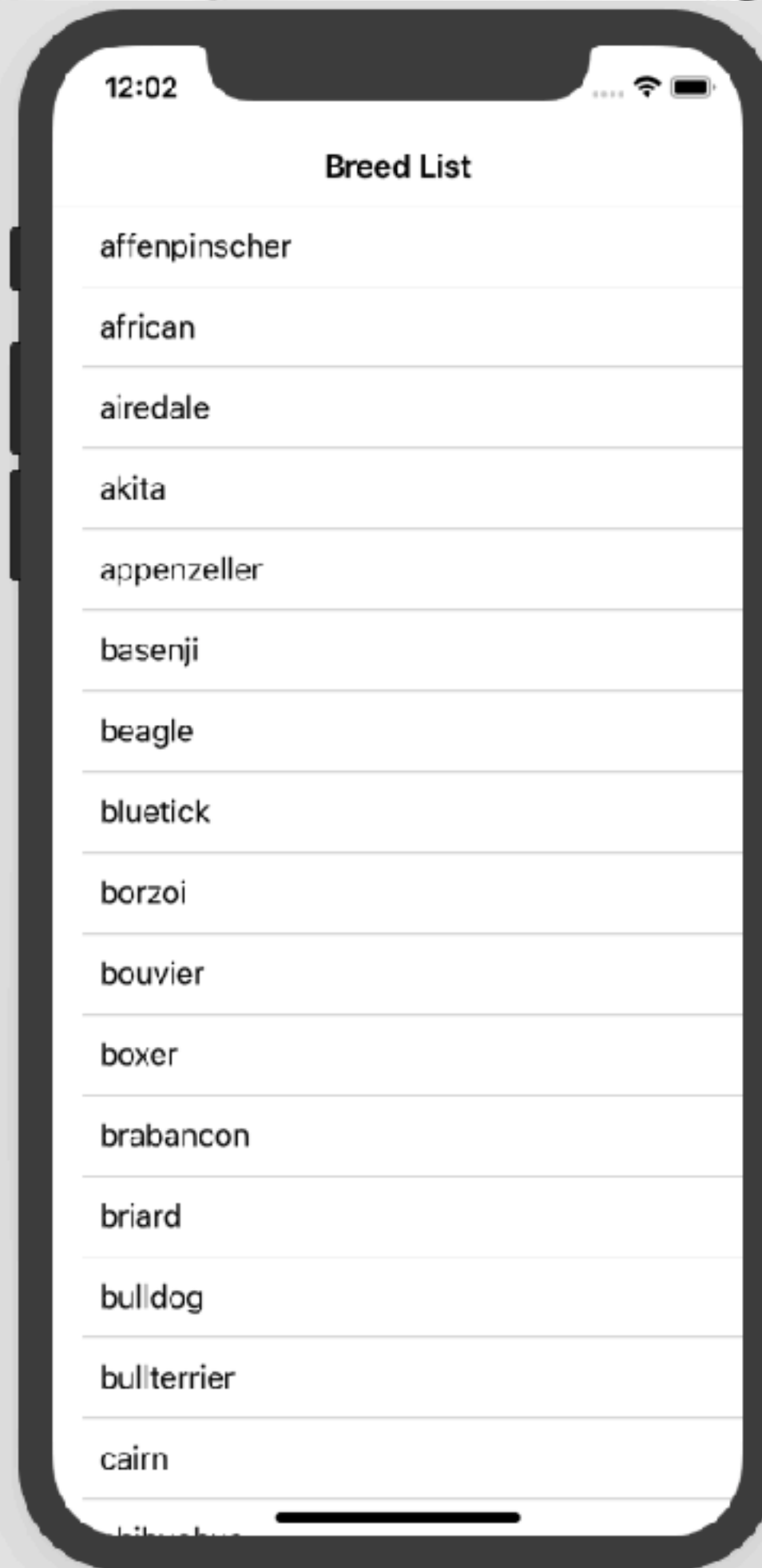


XAMARIN FORMS

- Maximize Code Sharing
- Provide Native Look and Feel
- Support MVVM pattern
- Support XAML
- Support Platform-Specific features such as Camera, GPS, Maps



LIVE DEMO



LEARNING RESOURCES

- Introduction to Xamarin.Forms
<https://app.pluralsight.com/library/courses/xamarin-forms-introduction/table-of-contents>
- Moving Beyond Basics with Xamarin Forms
<https://app.pluralsight.com/library/courses/xamarin-forms-moving-beyond-basics/table-of-contents>
- Xamarin University
<https://university.xamarin.com/>
- Get started with Xamarin.Forms
<https://docs.microsoft.com/en-us/xamarin/cross-platform/get-started/index>
- Xamarin's Enterprise Application Pattern e-books
<https://docs.microsoft.com/en-us/xamarin/xamarin-forms/enterprise-application-patterns/index>
- Live Demo: Dog Breeds Demo App
<https://github.com/wingchanatibsa/LearningSessions>