

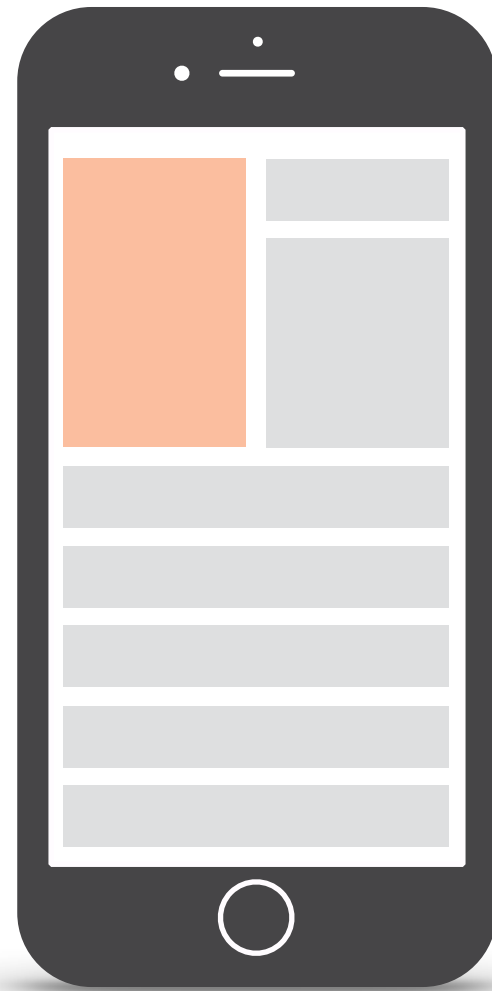
iOS Auto Layout Fundamentals

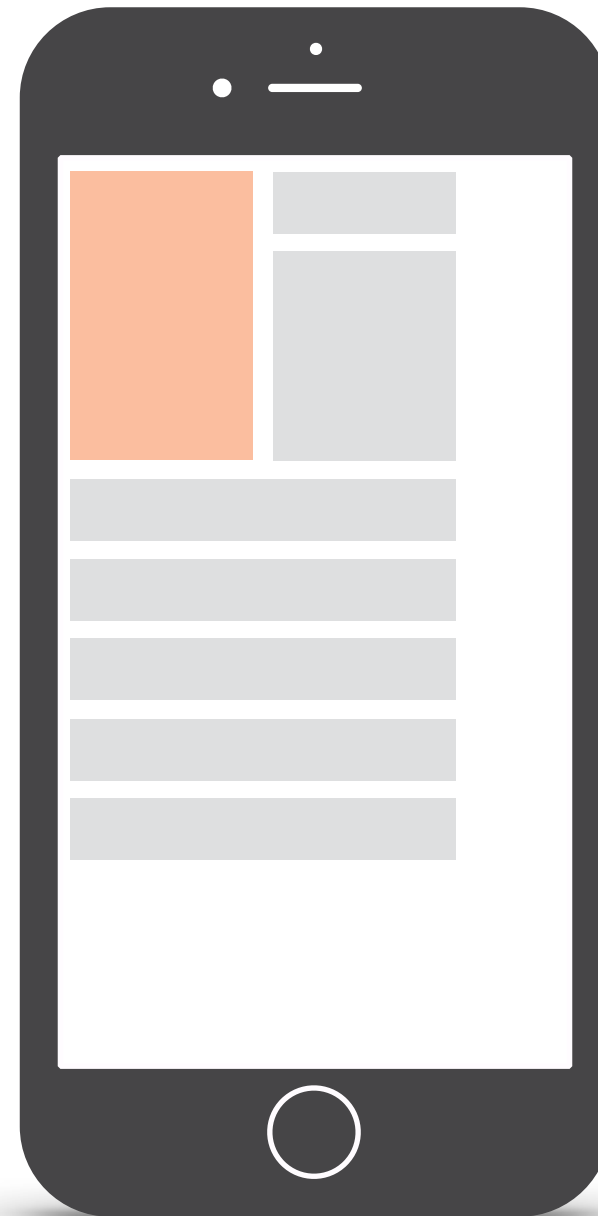
Introducing Auto Layout

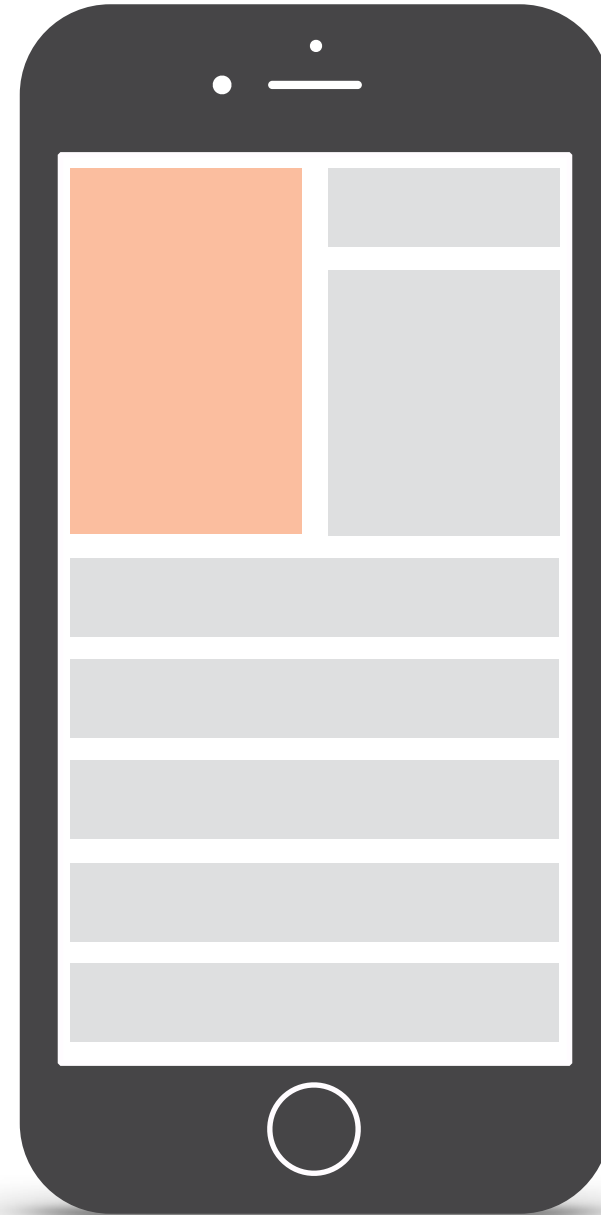


James Wilson

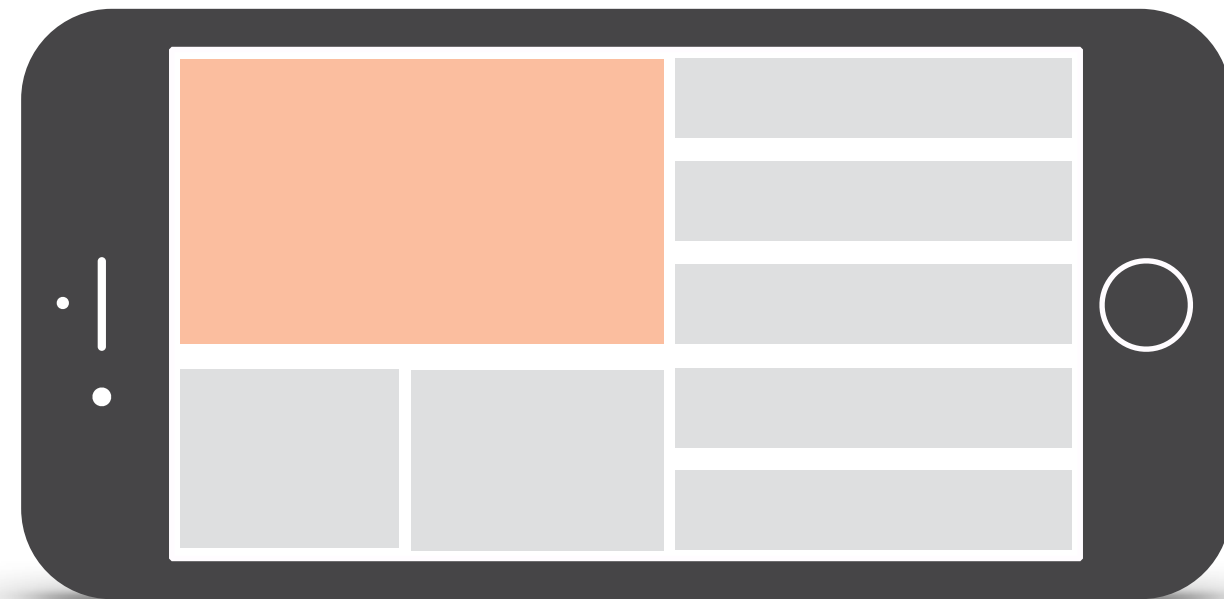
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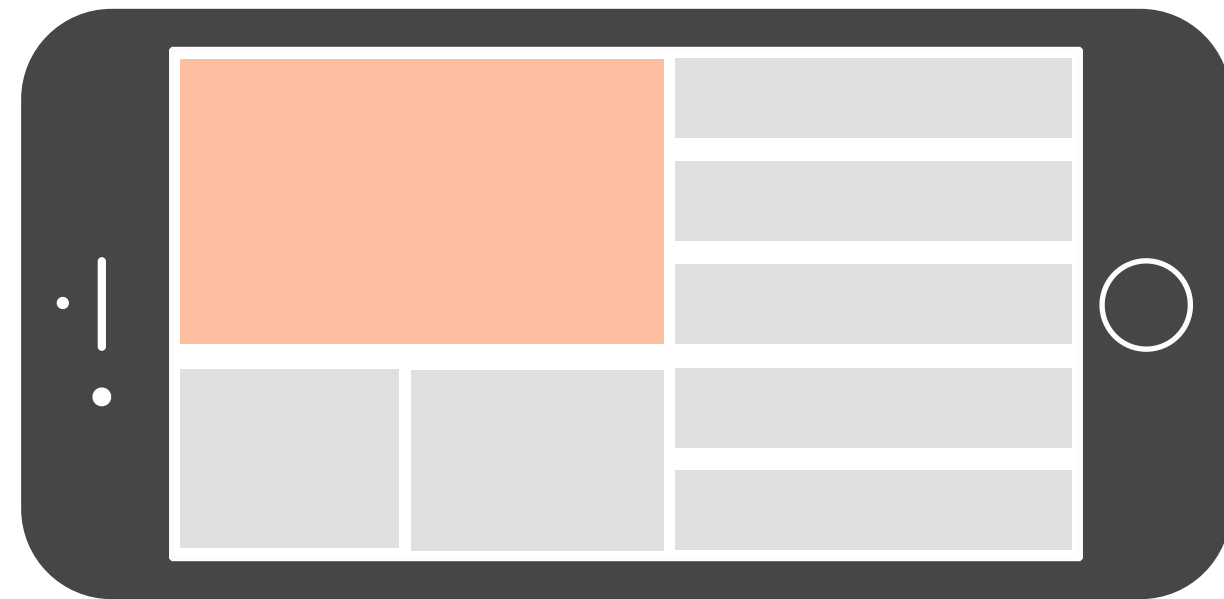


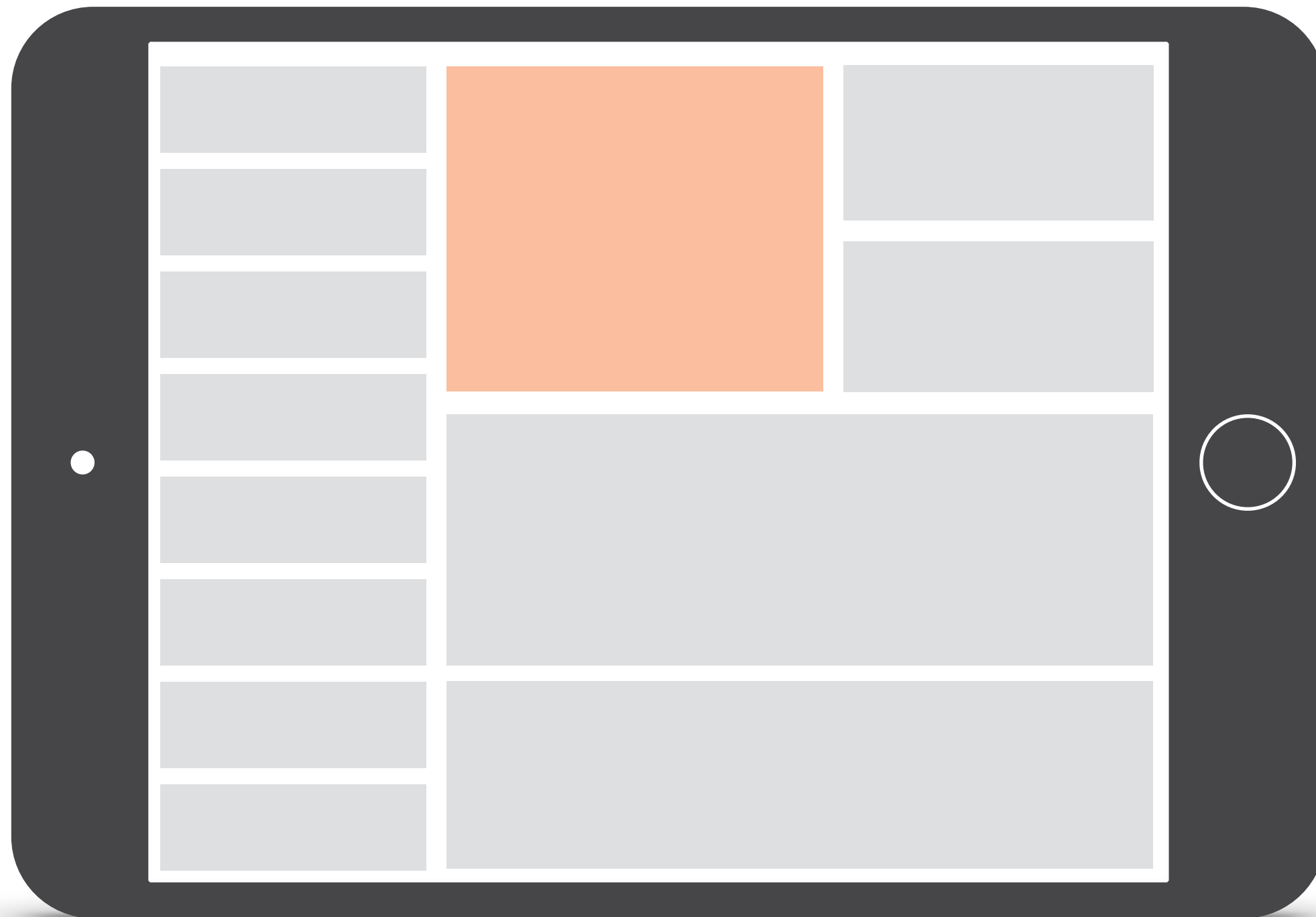


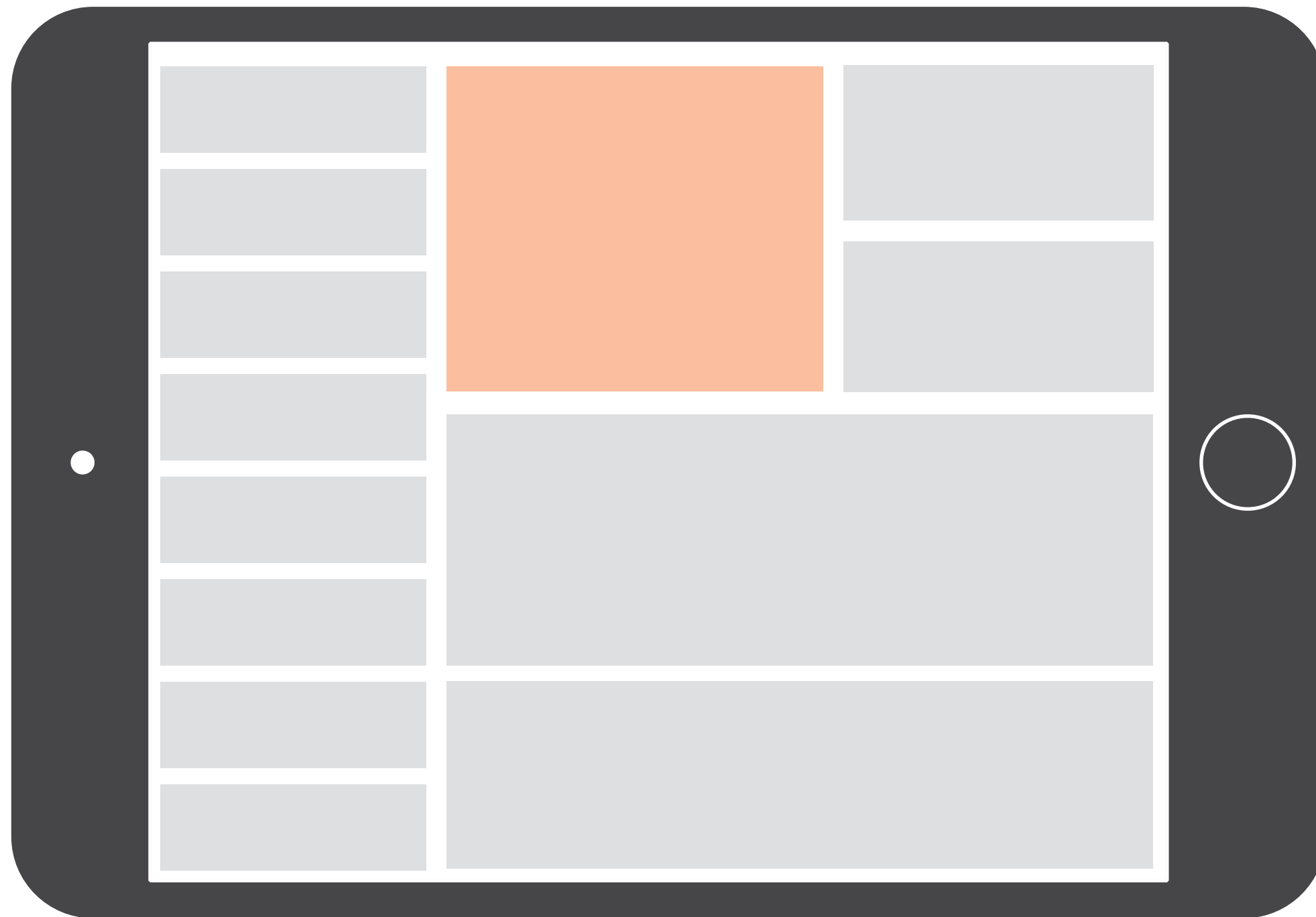


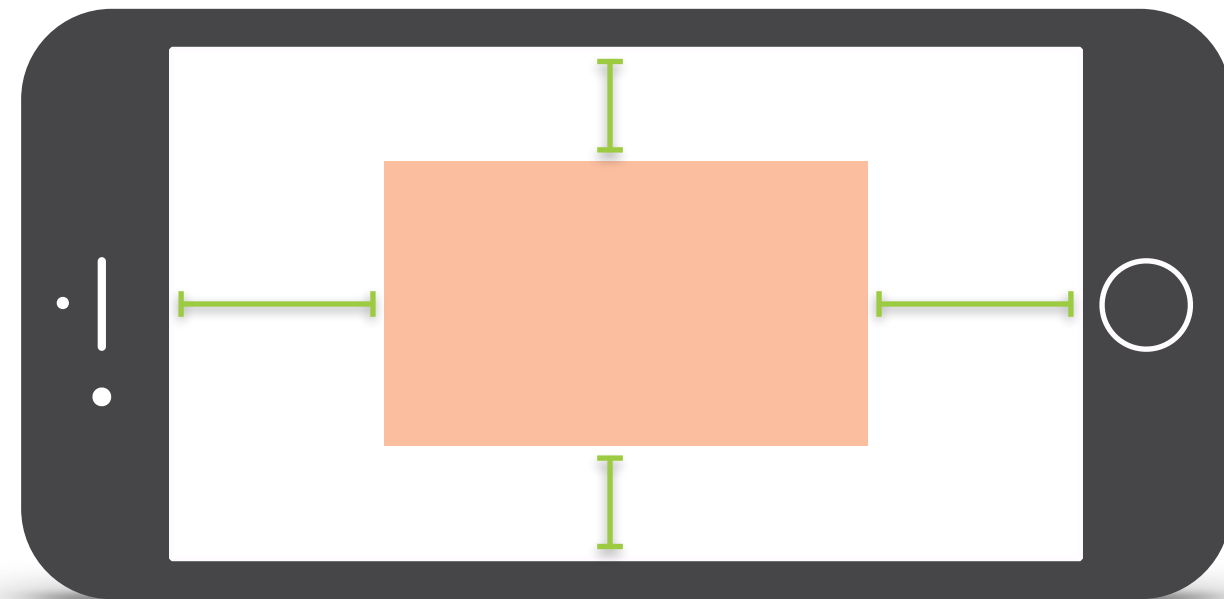


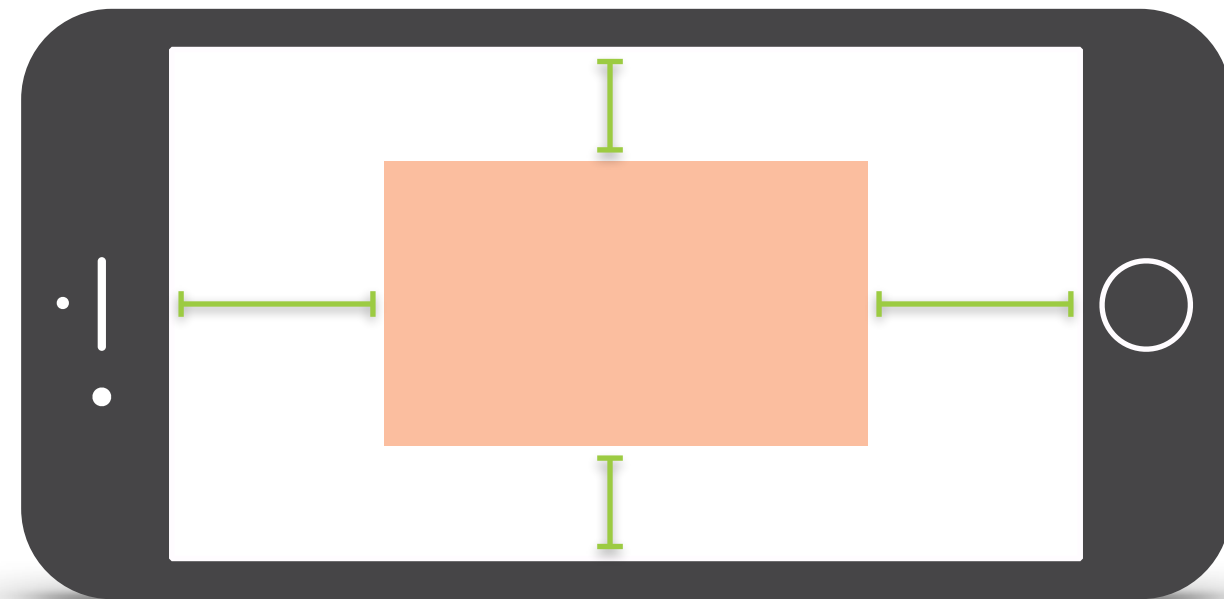


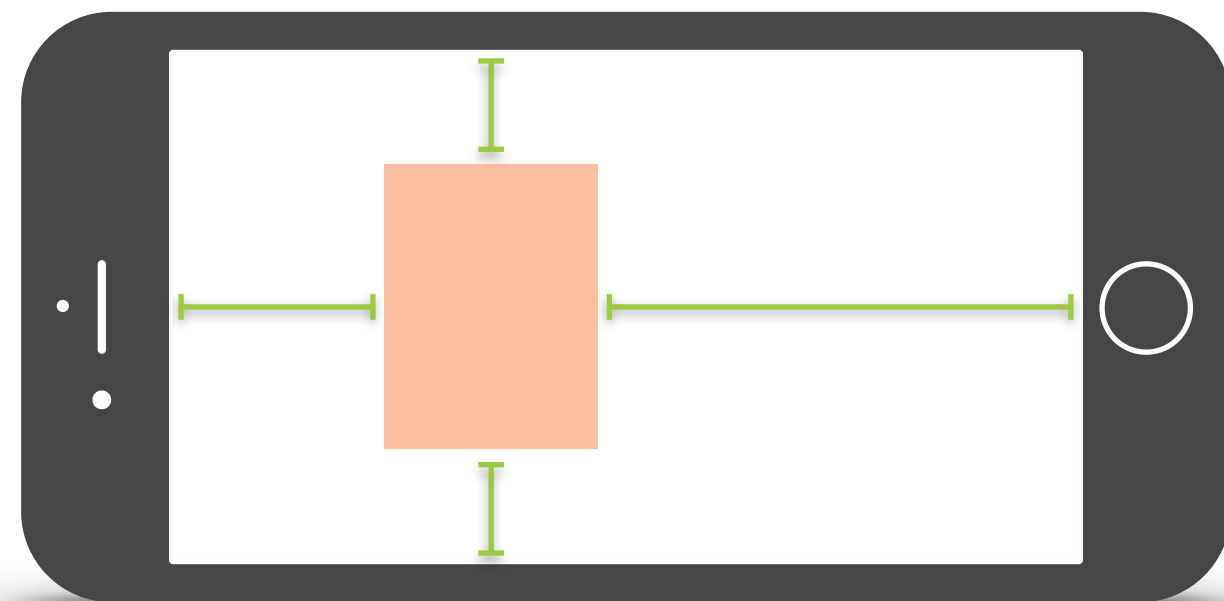


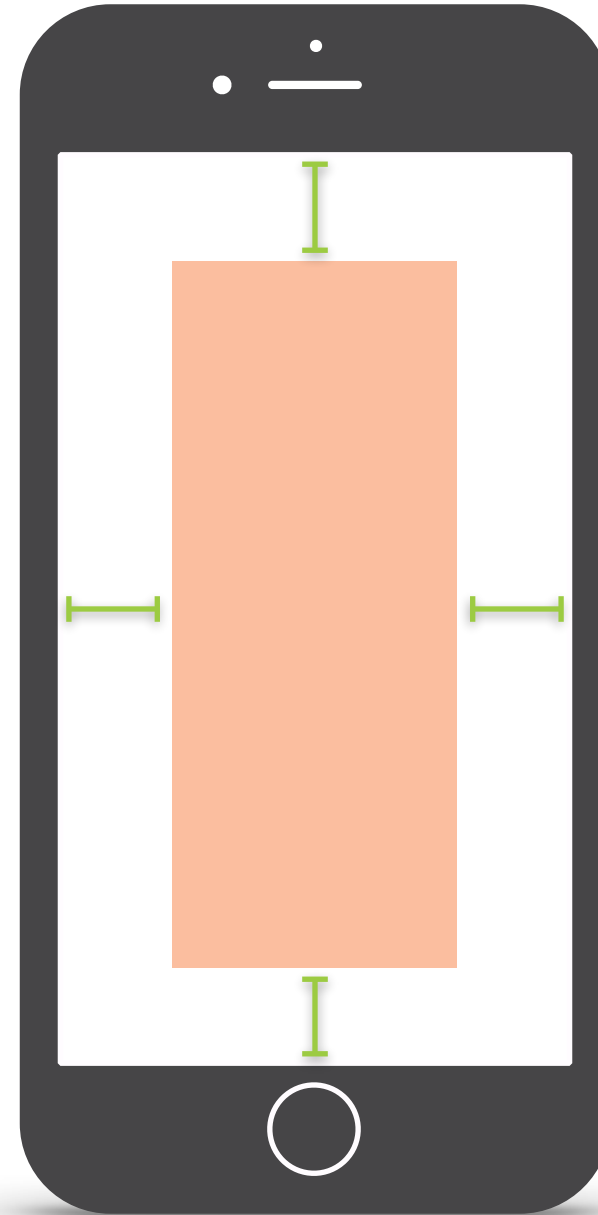


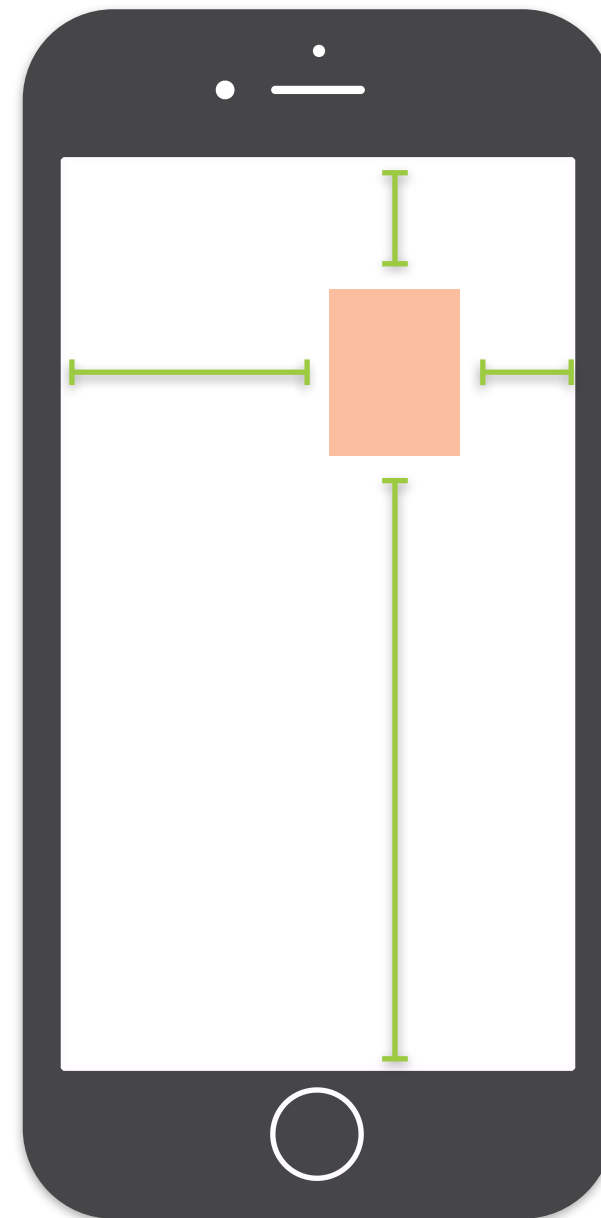












Who Is This Course For?

New iOS
Developers



Experienced iOS
Developers

Course Overview



Autoresizing Masks and Frames

Constraints

Interface Builder and NSLayoutConstraint

Rendering Pipeline

Custom View

Content Hugging and Compression Resistance

Active Property, Anchors, and UIStackView

Module Overview



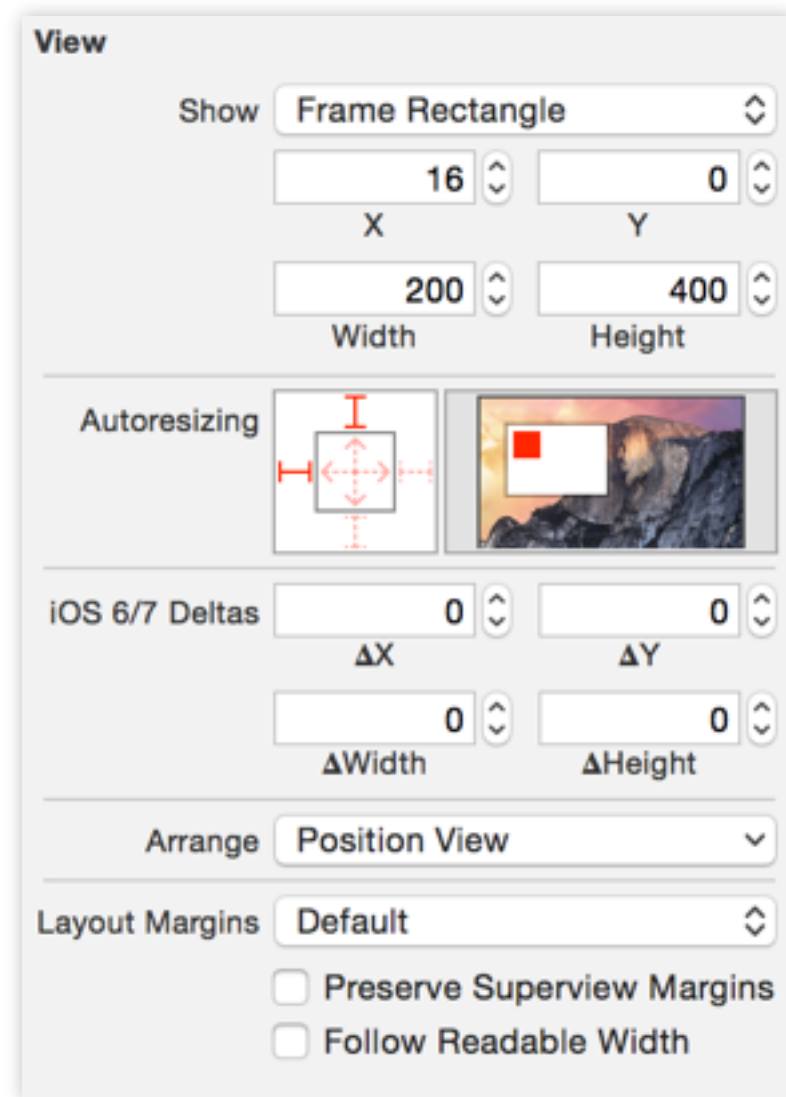
Before Auto Layout

Benefits of Auto Layout

Review the Demo Project

Setup the Demo Project

Autoresizing Masks



Flexible Views with Springs and Struts

Couldn't Handle Complex View Relationships

Auto Layout is used to mimic Springs and Struts

Frame Calculations

Not Adaptable

Hard to Maintain

Debugging is
Challenging

The Benefits of Auto Layout

Productive

Flexible

Maintainable

Localization

Accessibility

Multitasking

The Benefits of Auto Layout



iOS

tvOS

OS X

Summary



Course Overview

Before Auto Layout

Benefits of Auto Layout

Setup the Collaborate Project