

# SWIFTUI DESIGN

Tips to make your life easier

Twitter: @thedevme

what we  
will cover

# what we will cover

→ Colors

# what we will cover

- Colors
- Fonts

# what we will cover

- Colors
- Fonts
- Swift Previews

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- Colors
- Fonts
- Swift Previews
- Animations

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- Colors
- Fonts
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- Animations
- Prototyping

# What we will cover

- Colors
- Fonts
- Swift Previews
- Animations
- Prototyping
- Starting Small

# About Me

 NBA

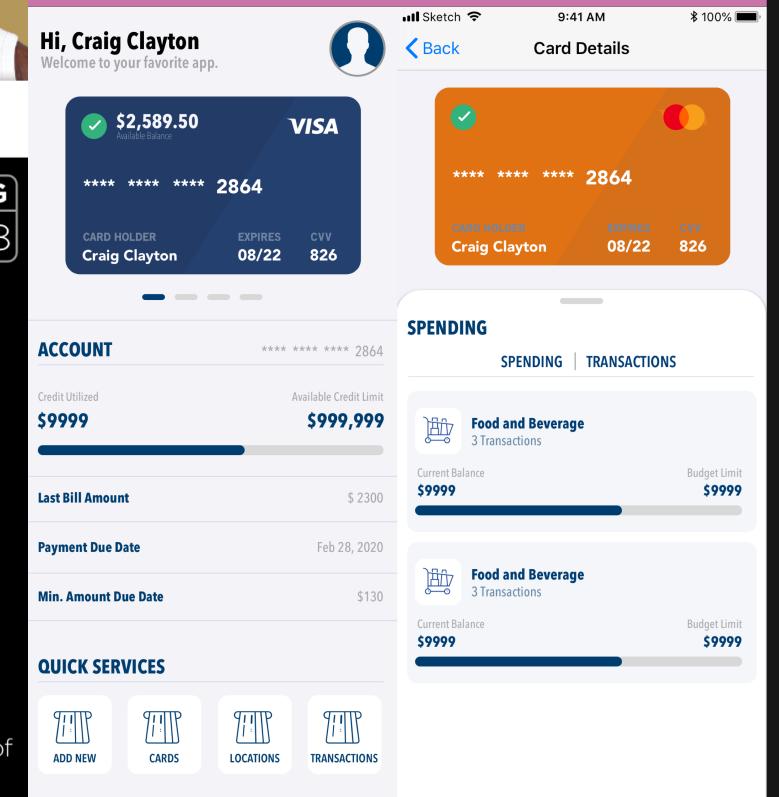
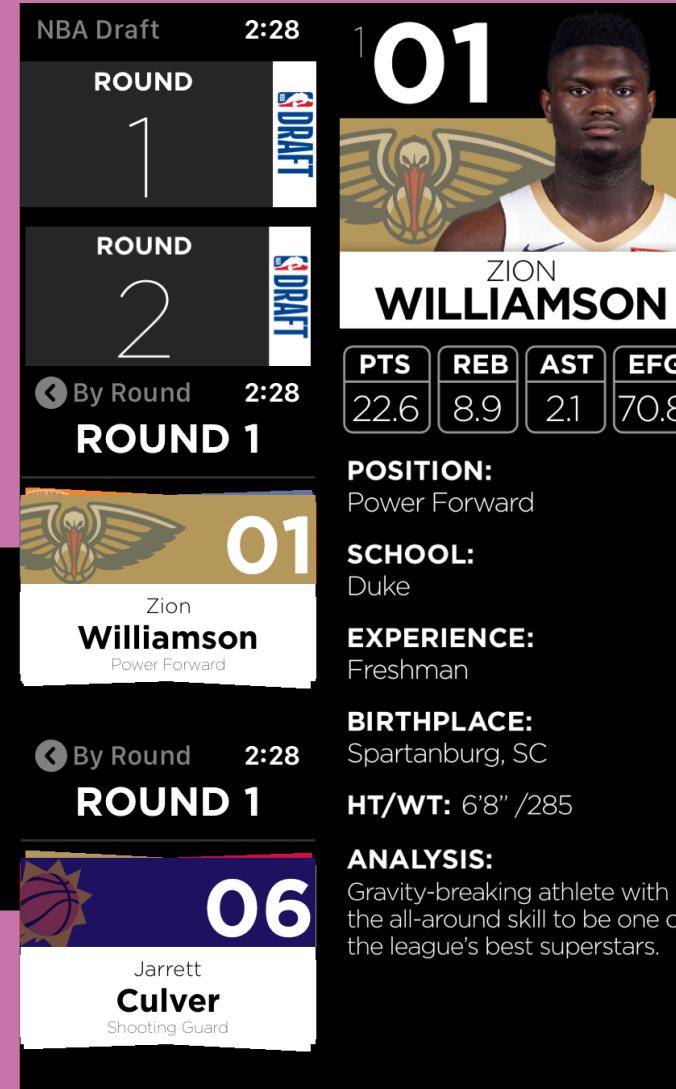
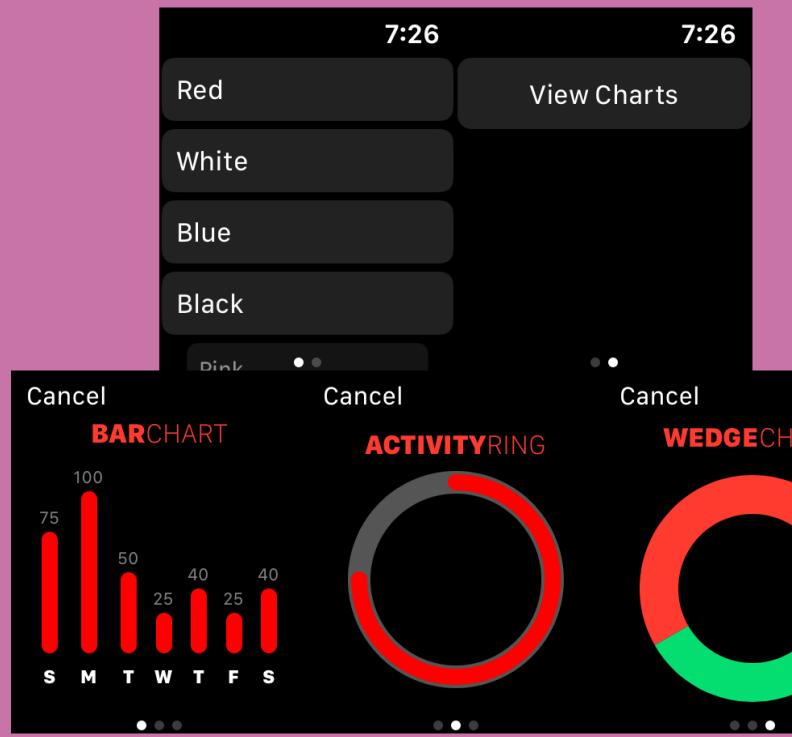


Why this

talks?

# SwiftUI Projects

by Packt Publishing



SwiftUI Design: Craig Clayton Twitter:@thedevme

iPad 9:41 AM 58 %

## HOME

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**TITLE GOES HERE**  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce quis ante odio. Nulla dapibus condimentum nunc nec elementum. Vivamus tincidunt volutpat eros non mollis. Quisque arcu tortor, ultricies id posuere pretium, pharetra at metus. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

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120   
SERIES 1-0

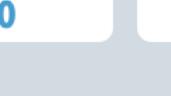
99.9 | 99.9 | 99.9 | 99.9  
PPG PPG PPG PPG

LEBRON JAMES

**PACIFIC STANDINGS** [VIEW ALL >](#)

	W	L	PCT	GB	L10	STRK
1. LAKERS	99	99	.999	-	9.9	W9
2. CLIPPERS	99	99	.999	-	9.9	W9
3. SUNS	99	99	.999	-	9.9	W9
4. JAZZ	99	99	.999	-	9.9	W9
5. SPURS	99	99	.999	-	9.9	W9
6. ROCKETS	99	99	.999	-	9.9	W9
7. TRAILBLAZERS	99	99	.999	-	9.9	W9
8. TIMBERWOLVES	99	99	.999	-	9.9	W9
9. MAVERICKS	99	99	.999	-	9.9	W9
10. NUGGETS	99	99	.999	-	9.9	W9

**TEAM LEADERS**

<b>99.9%</b> POINTS PER GAME	<b>99.9</b> REBOUNDS PER GAME	<b>99.9%</b> FIELD GOAL PERCENT	<b>99.9%</b> 3 PT FG PERCENT	<b>99.9</b> BLOCKS PER GAME	<b>99.9</b> STEALS PER GAME
					

**CART (3)**

Add customer

 **JUMPMAN AIR JORDANS \$250**

 **JUMPMAN AIR JORDANS \$250**

 **JUMPMAN AIR JORDANS \$250**

 **JUMPMAN AIR JORDANS \$250**

 **JUMPMAN AIR JORDANS \$250**

 **JUMPMAN AIR JORDANS \$250**

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 **JUMPMAN AIR JORDANS \$250**

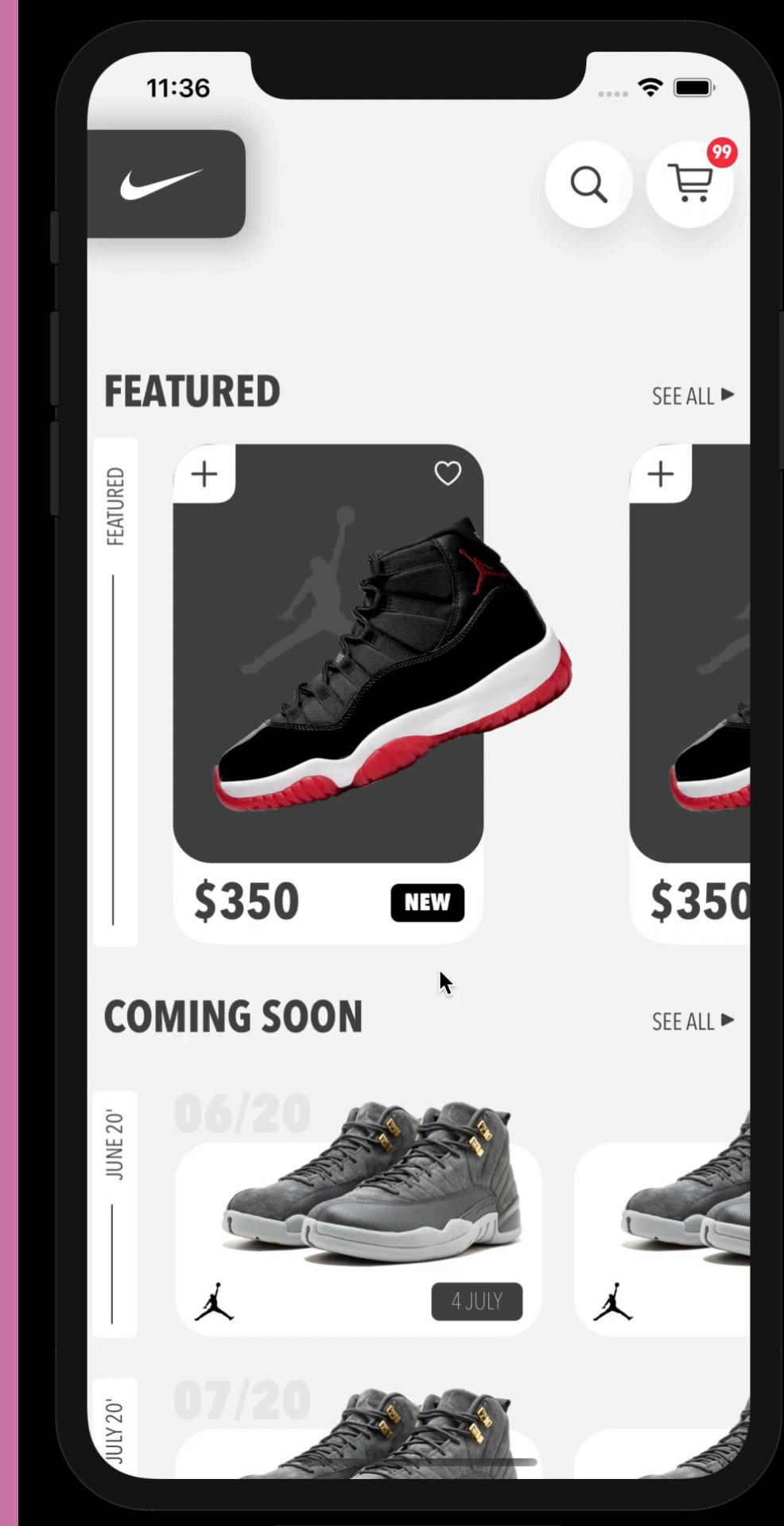
**Add cart discount**

**Subtotal: \$825.99**

**Add shipping:**

FL State Tax: (6%)  
County Tax: (1%)

**Total: \$825.00**



# Nike Store App

## iPhone App Only

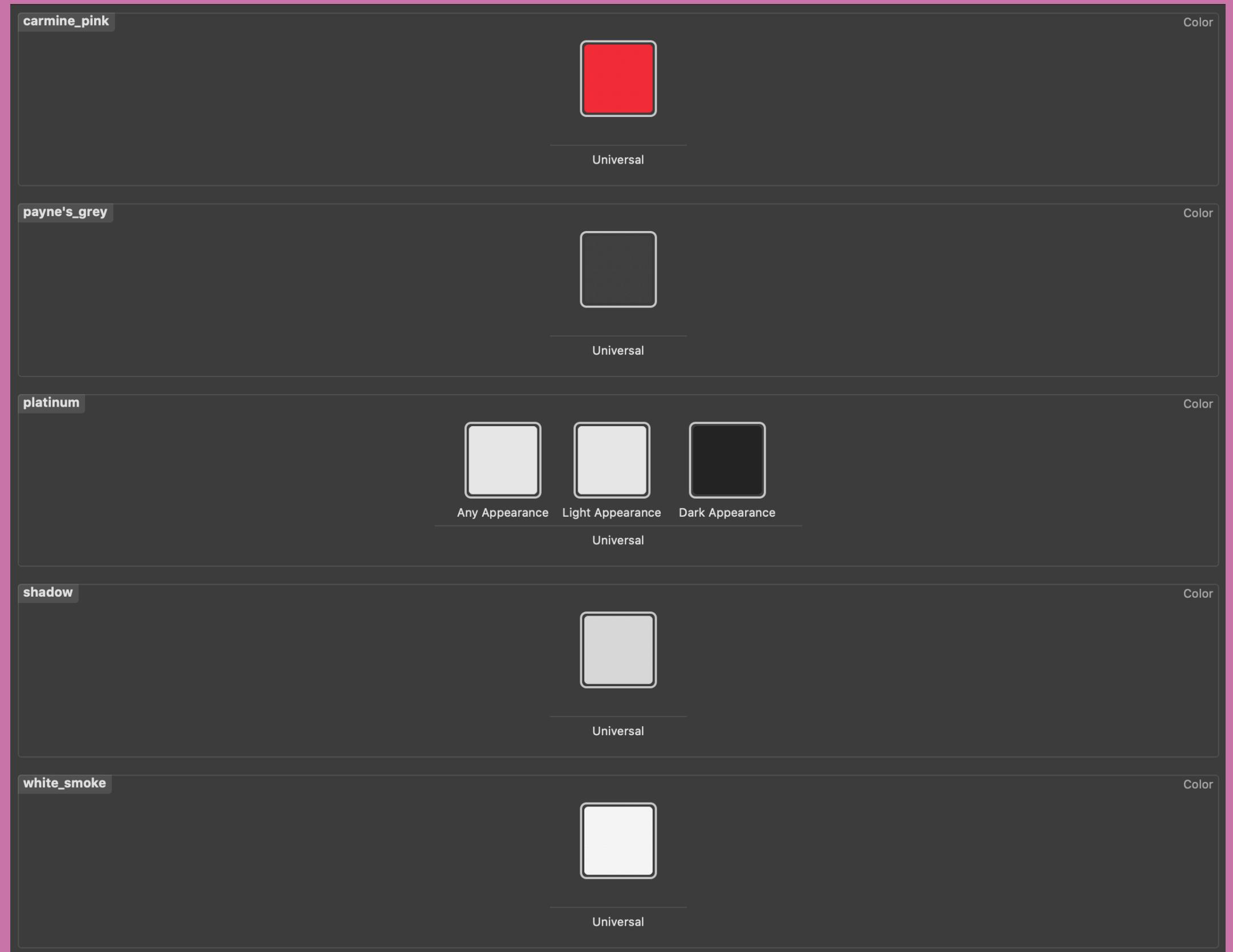
SwiftUI Design: Craig Clayton Twitter:@thedevme

let's get  
started

#1

co  
oms

# Base colors



# Color

```
extension Color {  
    static let baseRed = Color("carmine_pink")  
    static let baseLightGray = Color("platinum")  
    static let baseWhite = Color("white_smoke")  
    static let baseDarkGray = Color("payne's_grey")  
    static let baseShadow = Color("shadow")  
}
```

# UIColor

```
extension UIColor {  
    static let baseRed = Color(named: "carmine_pink")  
    static let baseDarkGray = Color(named: "payne's_grey")  
    static let baseLightGray = Color(named: "platinum")  
    static let baseWhite = Color(named: "white_smoke")  
    static let baseShadow = Color(named: "shadow")  
}
```

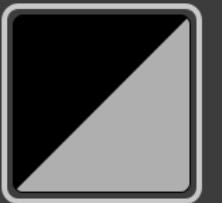
# Usage

```
Rectangle()  
.fill(Color.baseBlackBackground)  
.edgesIgnoringSafeArea(.all)
```

# Helper Colors

**black\_alpha\_30**

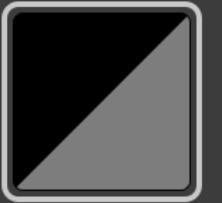
Color



Universal

**black\_alpha\_50**

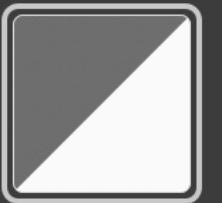
Color



Universal

**white\_smoke\_alpha\_45**

Color



Universal

# UIColor

```
extension Color {  
    static func baseWhiteDarkGray(for colorScheme: ColorScheme) -> Color {  
        if colorScheme == .light {  
            return .white  
        } else {  
            return .baseDarkGray  
        }  
    }  
}
```

# Usage

```
@Environment (\.colorScheme) var colorScheme: ColorScheme  
  
Text("$350")  
    .foregroundColor(Color.baseDarkGrayWhite45(for: colorScheme))  
    .customFont(.custom(.bold, 26))
```

#2

50 minutes

# Default Way

```
Text("Hello World")
```

```
.scaledFont(name: "Georgia", size: 12)
```

```
Text("This is a custom text style")
```

```
.font(.body)
```

# Custom

```
Text("Craig Clayton").customFont(.custom(.bold, 50))
```

```
Text("Craig Clayton").customFont(.custom(.demibold, 50))
```

```
Text("Craig Clayton").customFont(.custom(.medium, 50))
```

```
Text("Craig Clayton").customFont(.custom(.ultralight, 50))
```

```
Text("Craig Clayton").customFont(.custom(.heavy, 50))
```

```
Text("Craig Clayton").customFont(.custom(.regular, 50))
```

#3

SwiftUI

reviews

# Default Way

```
ContentView()
```

```
    .environmentObject(Navigation())
    .environment(\.colorScheme, .light)
```

```
ContentView()
```

```
    .environmentObject(Navigation())
    .environment(\.colorScheme, .dark)
```

# custom

```
import SwiftUI

struct DefaultPreview<Content>: View where Content: View {

    let content: () -> Content

    init(@ViewBuilder content: @escaping () -> Content) {
        self.content = content
    }

    var body: some View {
        Group {
            ZStack {
                Rectangle()
                    .fill(Color.baseBlackBackground)
                    .edgesIgnoringSafeArea(.all)

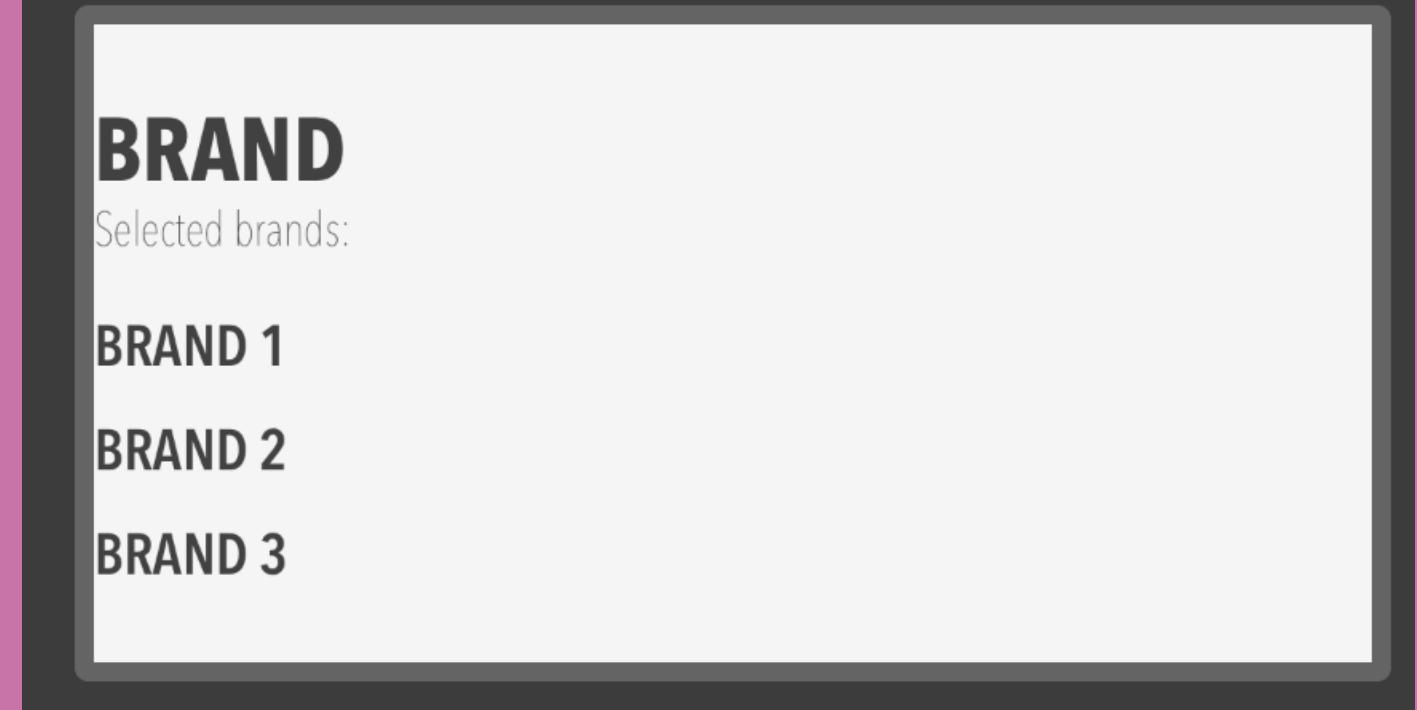
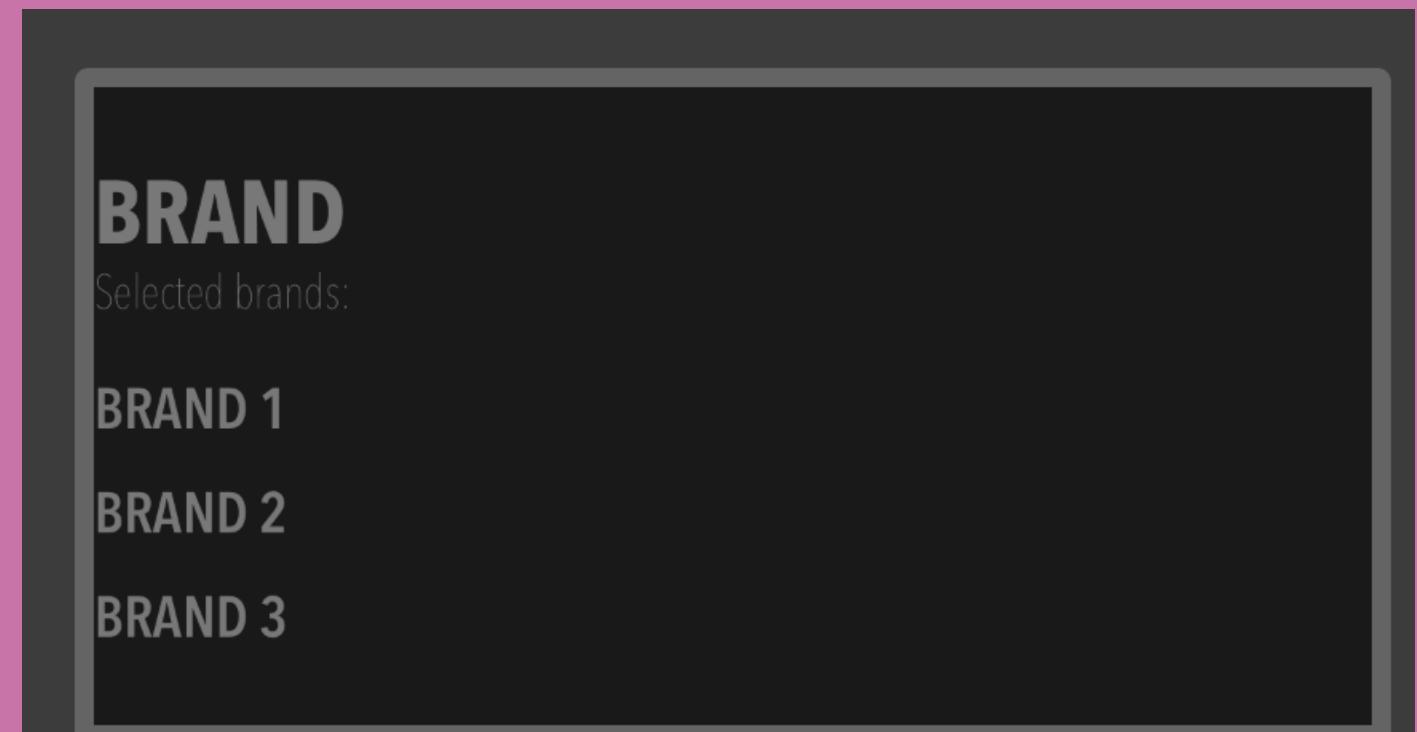
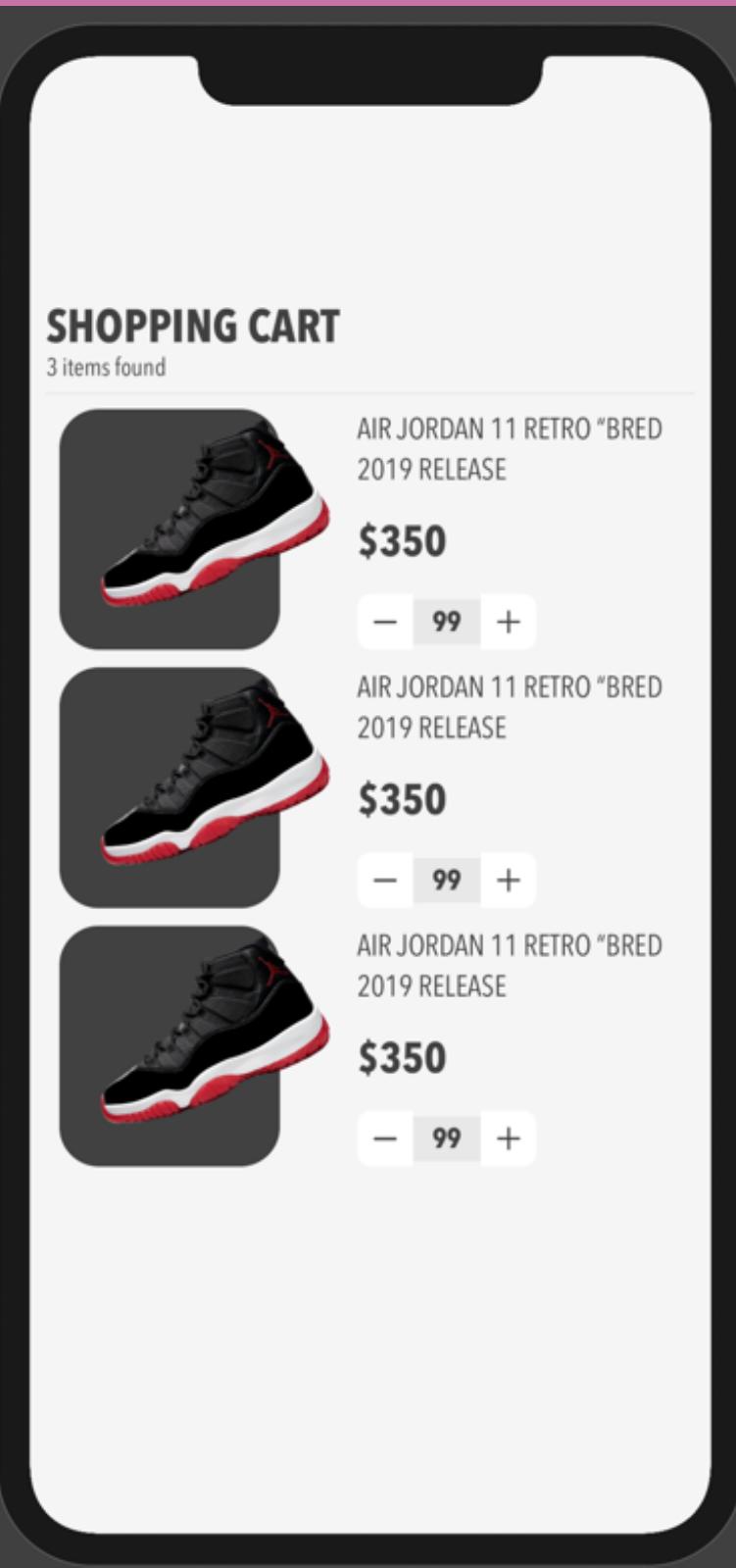
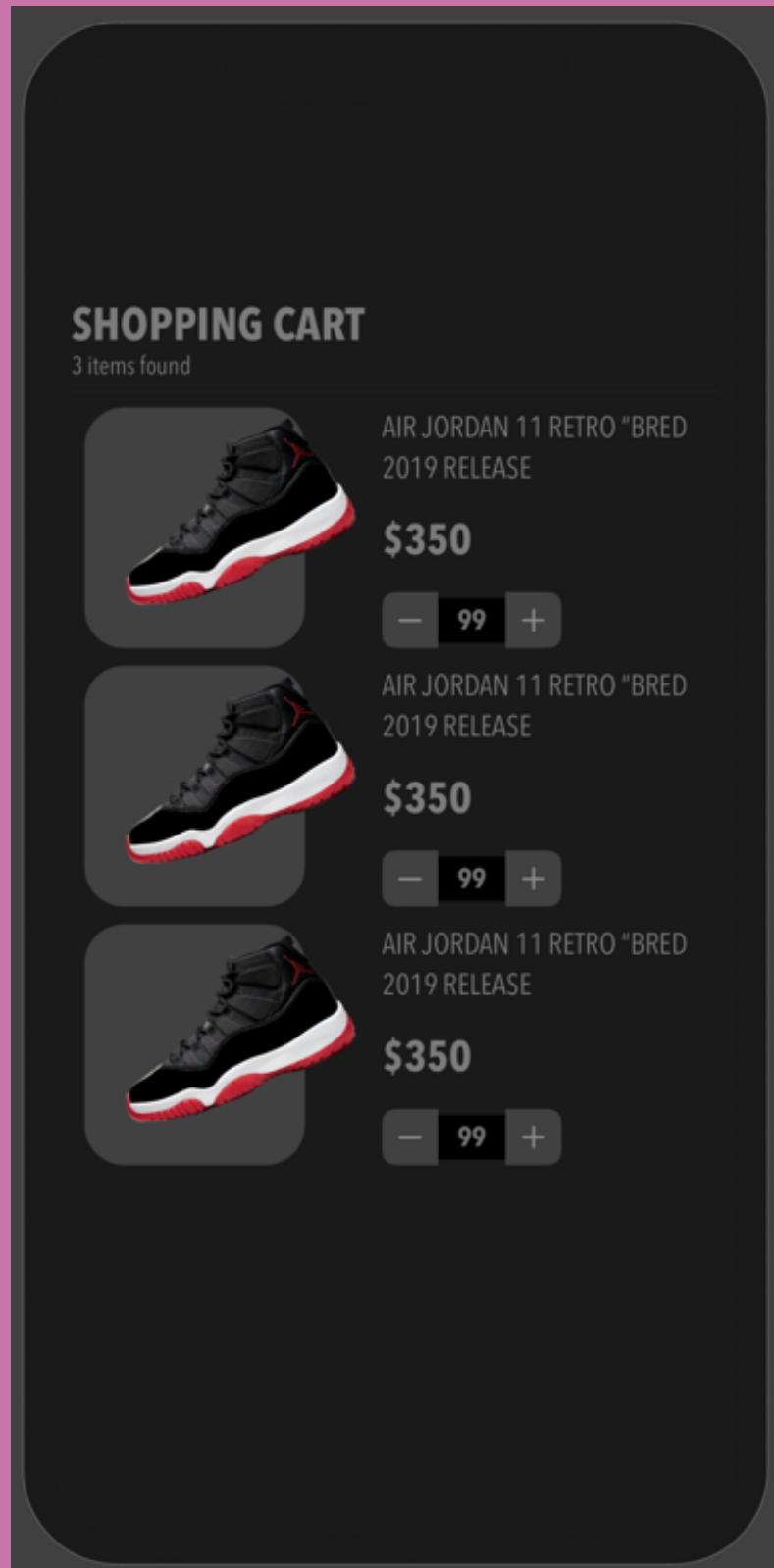
                content()
                    .colorScheme(.dark)
                    .previewDevice(PreviewDevice(rawValue: "iPhone 11 Pro"))
            }

            ZStack {
                Rectangle()
                    .fill(Color.baseWhite)
                    .edgesIgnoringSafeArea(.all)

                content()
                    .colorScheme(.light)
                    .previewDevice(PreviewDevice(rawValue: "iPhone 11 Pro"))
            }
        }
    }
}
```

# Usage

```
struct ProductItem_Previews: PreviewProvider {  
    static var previews: some View {  
        DefaultPreview {  
            ProductItem()  
        }  
    }  
}
```



#4

# Animations

# Animations

→ Easier than pre SwiftUI

# Animations

- Easier than pre SwiftUI
- Don't go overboard

#5

# Prototyping

#6

# starting

# small

**FIRST NAME**

First Name

Preview



# Usage

```
struct FormTextField_Previews: PreviewProvider {  
    static var previews: some View {  
        FormTextField(text: "First Name")  
            .previewLayout(.fixed(width: 600, height: 50))  
    }  
}
```

**FIRST NAME**

**LAST NAME**

Preview

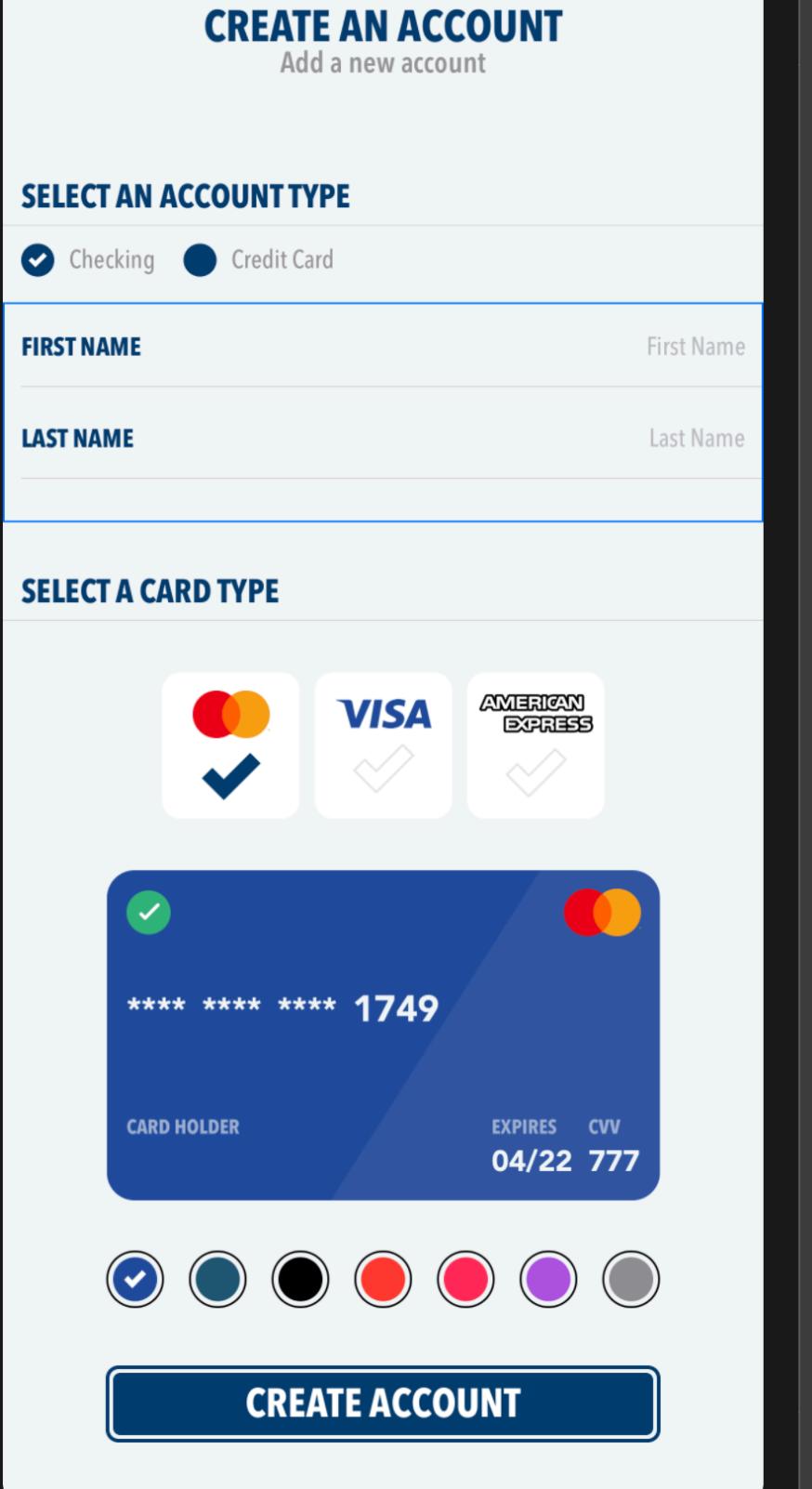
First Name

Last Name



# Usage

```
struct AccountFormView_Previews: PreviewProvider {  
    static var previews: some View {  
        AccountFormView()  
            .environmentObject(CreateAccountViewModel())  
            .previewLayout(.fixed(width: 600, height: 100))  
    }  
}
```



# What we covered

- Colors
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**SWIFTUI DESIGN**

**Thank you**

**Twitter: @thedevme**