iOS Custom Controls

Luke Brody

Who am I?

- Luke Brody

- Pavonine Software (pavonine.co)

- Teleprompter ★★★★★

Technologies

- Language: **Swift 3** *(Assuming some experience.)*

- Library: **Cocoa Touch**

  - UIKit

- IDE: **Xcode** *(Assuming some experience.)*

- **Math** (Sorry)

iOS already has many great system controls.

Button

ⓘ

Text

First | Second

Sat Nov 5   10   22
Sun Nov 6   11   23
Mon Nov 7   12   24   AM
Today   1   25   PM
Wed Nov 9   2   26
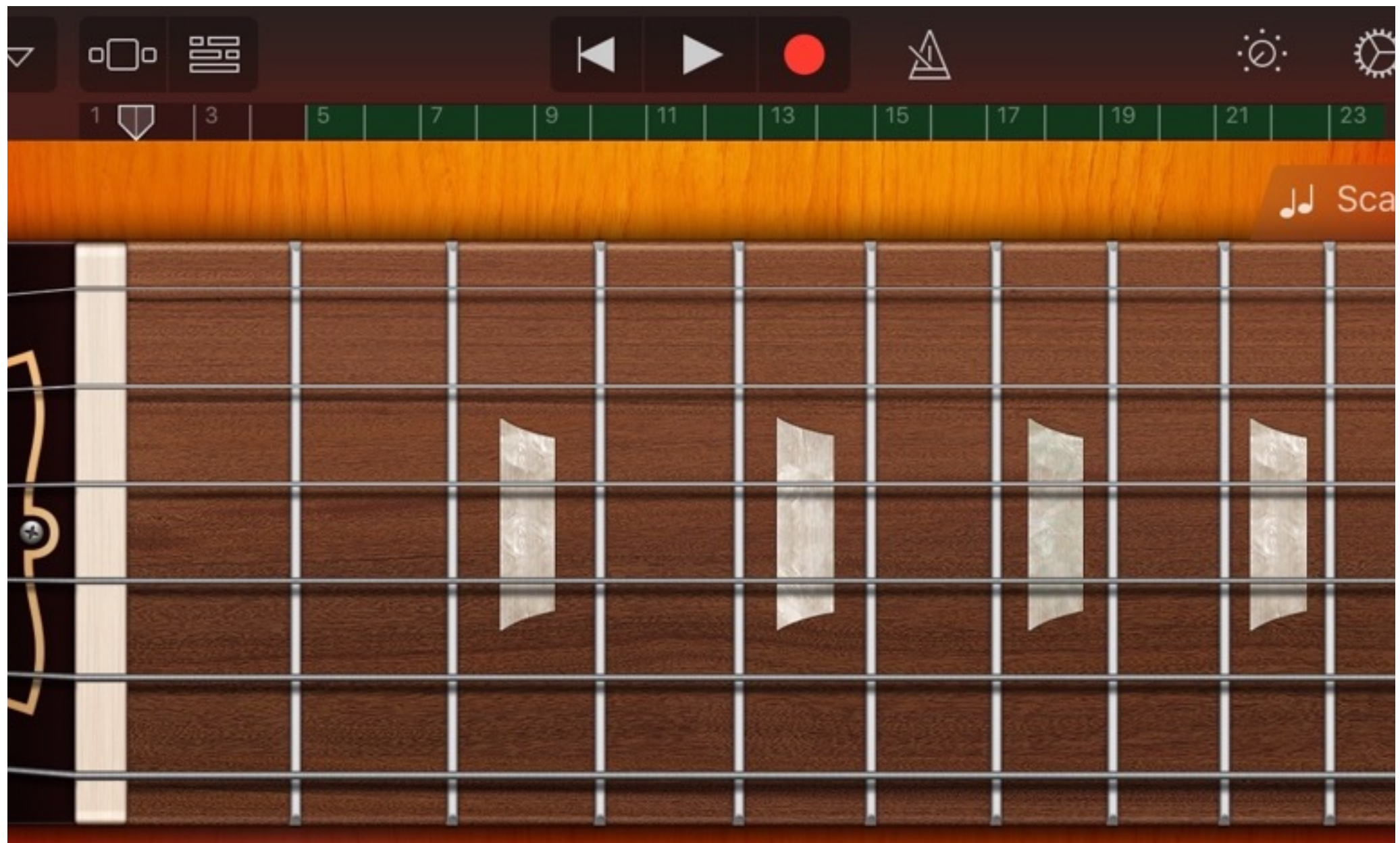Thu Nov 10   3   27
Fri Nov 11   4   28

Don't reinvent the wheel!

- Use system controls whenever possible.

- Less work for you, the developer.

- More familiar for users.

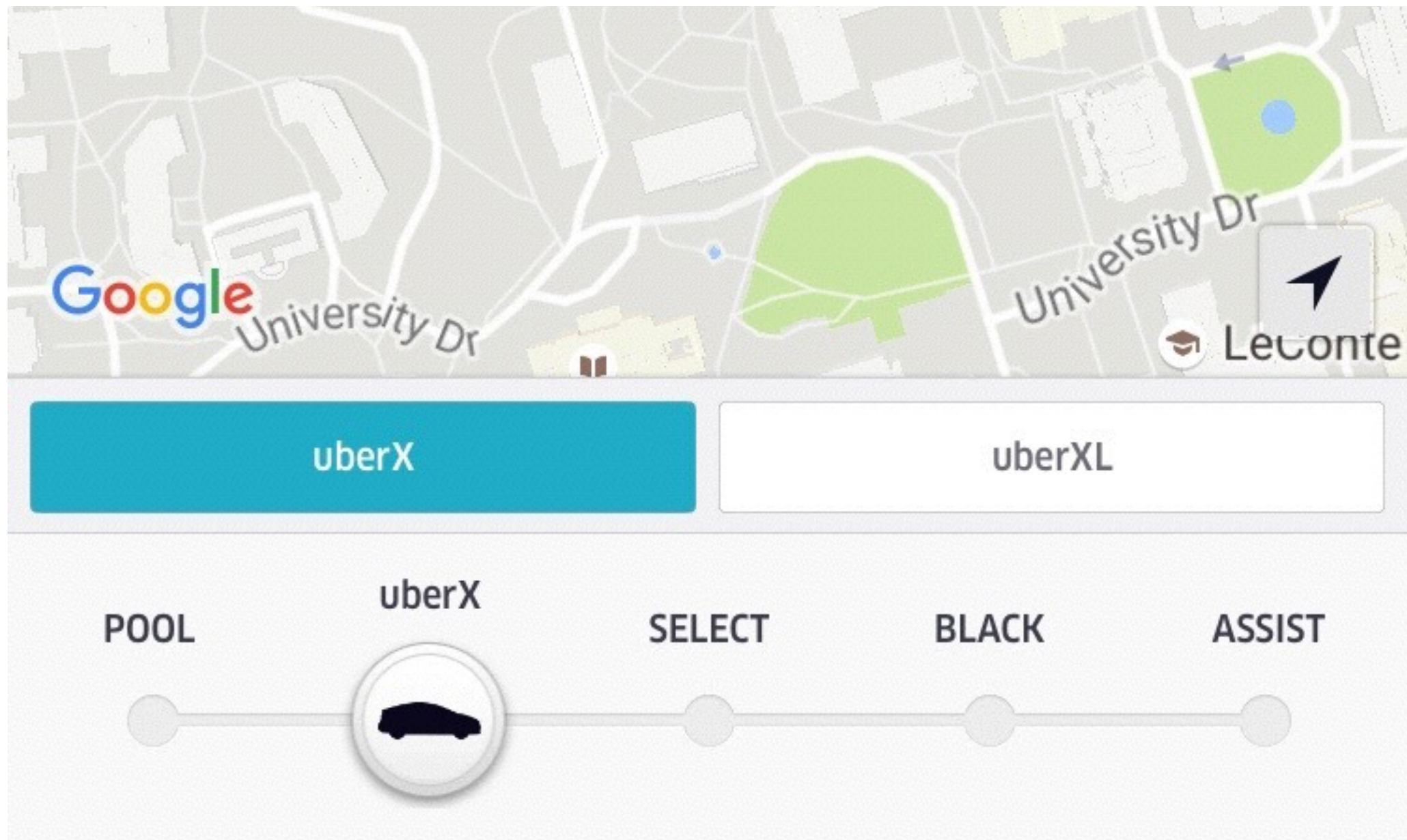- Accessibility

When to Create a Custom Control?

- Handle a data type for which there is no system control. (e.g. Color)

- Need an intuitive user experience specific to your task.
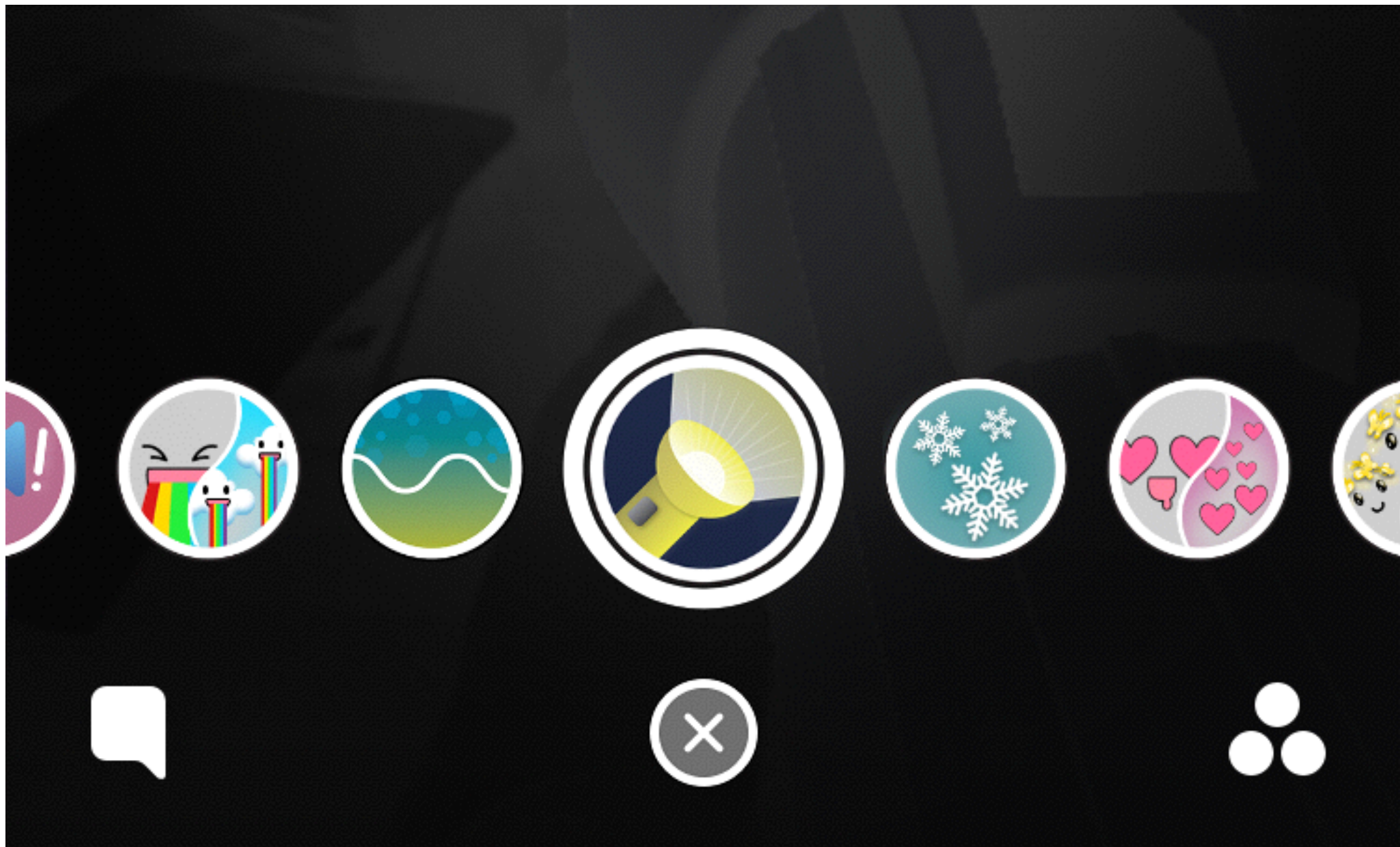
Examples of Custom Controls

Garageband

The Guitar

Uber

Car Selector

Snapchat

Face Filter Selector

Demo

Let's get started!

- Either build from boring app: github.com/HackBerkeley/DiscoParty/tree/slider

- Or, follow along on the finished code: github.com/HackBerkeley/DiscoParty/

- You can run in the simulator.

- Ask questions!

Planning the Circle Control