Components
React Native

TextInput

- A foundational component for inputting text into the app via a keyboard.

- Props:
  - value
  - autoComplete(android)
  - autoCorrect
  - onChangeText

```
<TextInput
  style={styles.input}
  onChangeText={onChangeNumber}
  value={number}
  placeholder="useless placeholder"
  keyboardType="numeric"
/>
```

Switch

- This is a controlled component that requires an onValueChange callback that updates the value prop in order for the component to reflect user actions.

- Props
  - Disabled
  - onValueChange
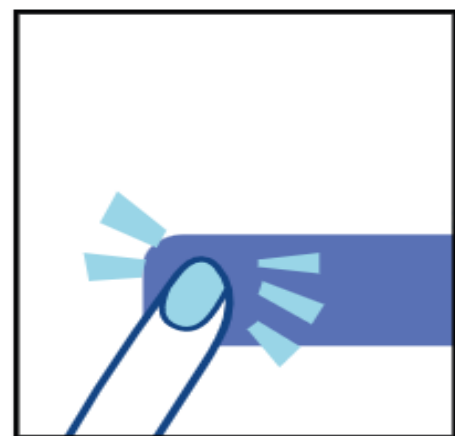 - thumbColor (foreground switch)
  - value

FlatList

- For rendering basic flat lists
- Props
  - renderItem   (required)
  - Data (required)
  - keyExtractor
  - ListEmptyComponent
  - ListFooterComponent
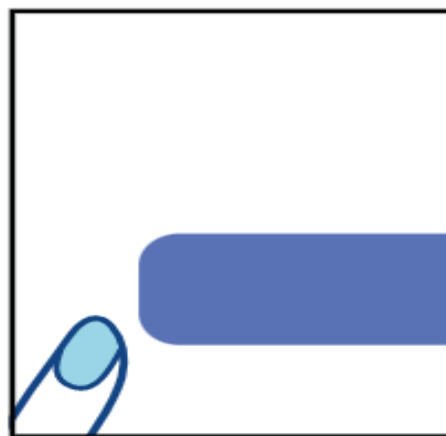 - ListFooterComponentStyle

Pressable

- Pressable is a Core Component wrapper that can detect various stages of press interactions on any of its defined children.
- Working
    - **onPressIn** is called when a press is activated.
    - **onPressOut** is called when the press gesture is deactivated.
    - After pressing onPressIn, one of two things will happen:

        - The person will remove their finger, triggering **onPressOut** followed by **onPress**.
        - If the person leaves their finger longer than 500 milliseconds before removing it, **onLongPress** is triggered. (**onPressOut** will still fire when they remove their finger.)
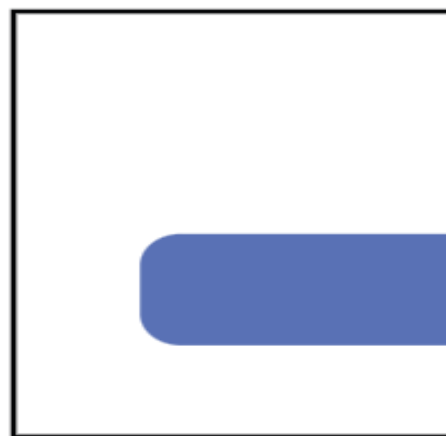
```
<Pressable onPress={onPressFunction}>
    <Text>I'm pressable!</Text>
</Pressable>
```
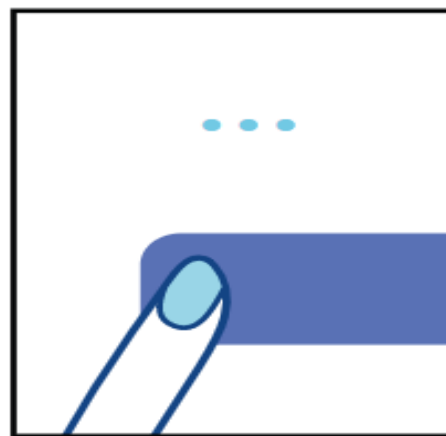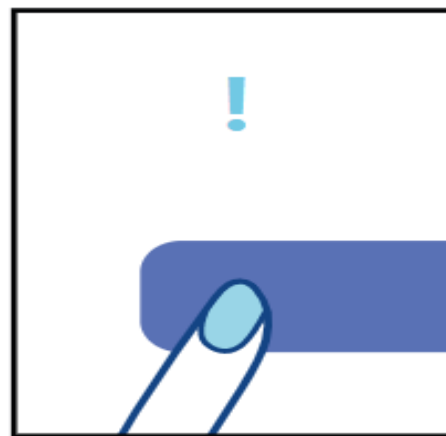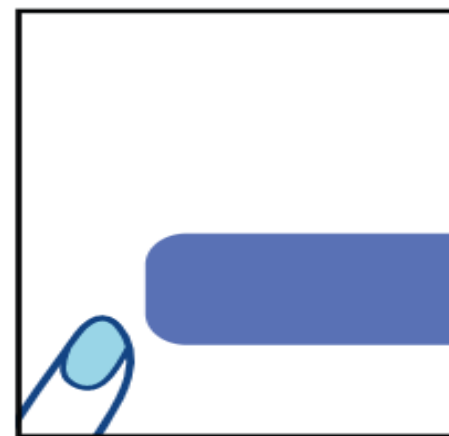
onPressIn

onPressOut

onPress

... 500ms

onLongPress

onPressOut

Pressable

- **HitRect** you can use to define how far a touch can register away from the wrapped element.

References

[1] https://reactnative.dev/docs/textinput

[2] https://reactnative.dev/docs/switch

[3] https://reactnative.dev/docs/flatlist