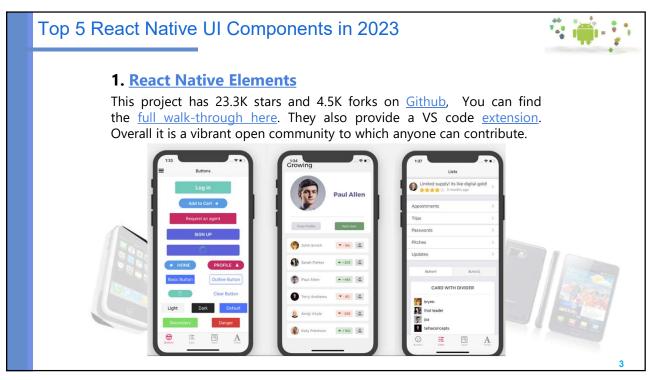


Why use React Native UI Components?



- These components provide various functionalities, including buttons, text inputs, images, and more, to help developers easily create visually appealing and interactive apps.
- Developers use React Native UI Components for several reasons:
 - Cross-platform Compatibility
 - Reusability
 - Customization
 - Improved UX Improved Coding Experience







Top 5 React Native UI Components in 2023



3. Native Base

This project has 19k stars and 2.3k forks on <u>Github</u>. It is an accessible, utility-first component library that helps build consistent UI across android, iOS and web.

4. Shoutem UI

With 4.8k stars and 500+ forks on <u>Github</u>, these components are built to be both composable and customizable. Each component has a predefined style compatible with the rest of the Shoutem UI, making it possible to build complex components.

5. React Native Material UI

Is another set of modular and customizable Material Design UI components for React Native with 150+ stars on Github

5

5

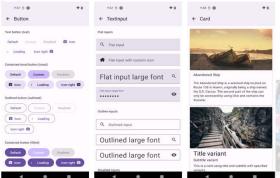
React Native Paper



Cross-platform Material Design for React Native

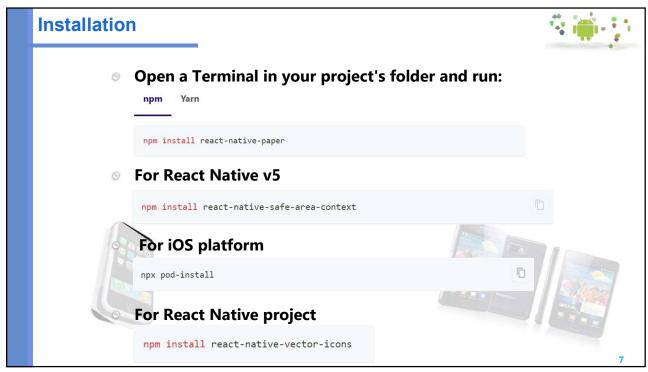
 Paper is a collection of customizable and production-ready components for React Native, following Google's Material Design guidelines. <u>Link</u>





https://snack.expo.dev/@react-native-paper/react-native-paper-example v5

6



Components of React Native Paper

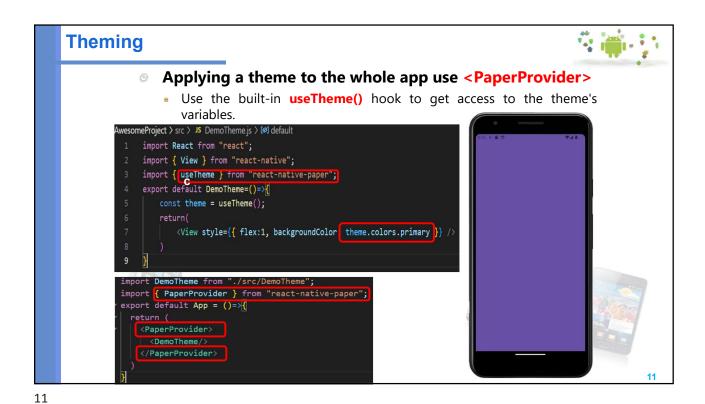
Theming
Icons
ActivityIndicator
Appbar
Avatar
Banner
BottomNavigation
Button
Card
Checkbox
Chip



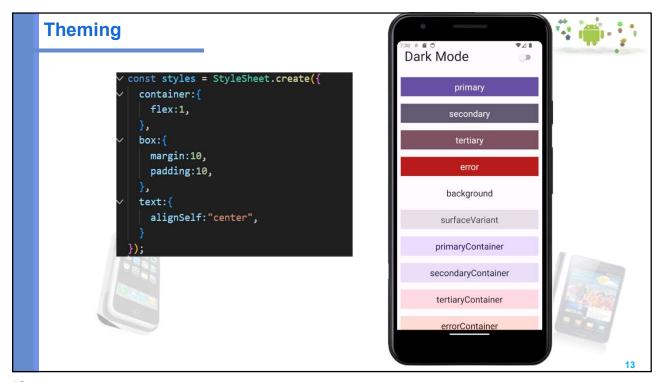
Components of React Native Paper

Text
TextInput
ToggleButton
Tooltip
TouchableRipple

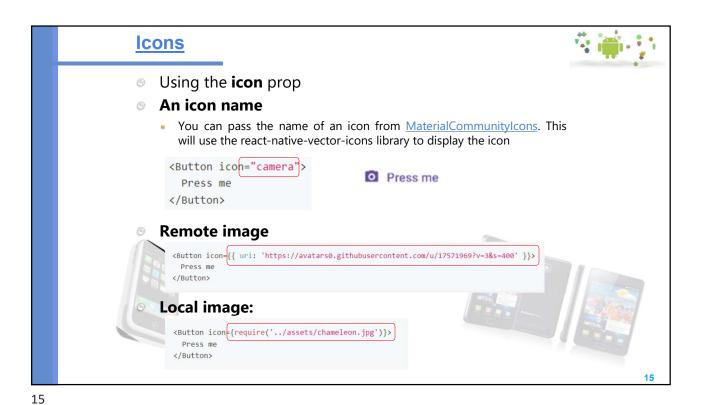
TouchableRipple

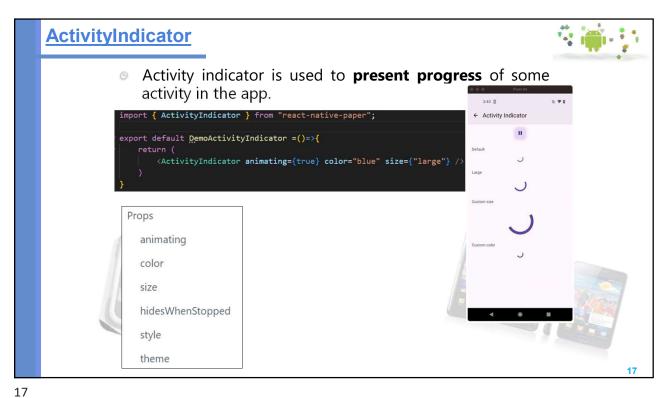


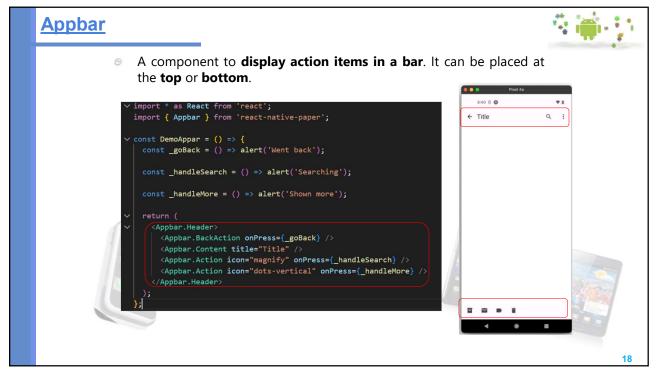
Theming import React from "react";
import {StyleSheet, View} from "react-native"; import { MQ3DarkTheme, MD3LightTheme, PaperProvider, Switch, Text } from "react-native-paper" nst [isDarkMode, setIsDarkMode] = React.useState(false); Const onToggleSwitch = () => setIsDarkMode(!isDarkMode); const { theme } = useMaterial3Theme();
cGnst paperTheme = isDarkMode : { ...MD3LightTheme, colors: theme.light }; return (<Switch value={isDarkMode} onValueChange={onToggleSwitch}/>
</View> <View style={{...styles.box, backgroundColor: paperTheme.colors.primary}}</pre> variant="headlineSmall" style={{...styles.text, color:paperTheme.colors.onPrimary}};primary</Text> </View> </View> </PaperProvider>

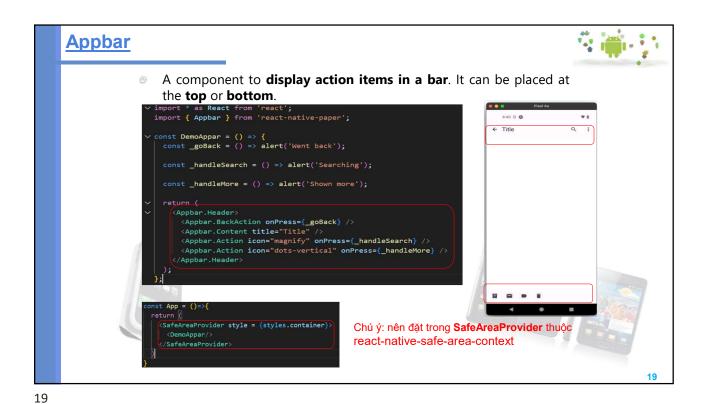


Theming	J				
	Preview			Dark Mode:	
	primary	onPrimary	primaryContainer	onPrimaryContainer	
	secondary	onSecondary	secondaryContainer	on Secondary Container	
	tertiary	onTertiary	tertiaryContainer	onTertiaryContainer	
	еггог	onError	errorContainer	onErrorContainer	
	background	onBackground	surface	onSurface	
	surfaceVariant	onSurfaceVariant	outline		
	https://callstack.github.io/react-native-paper/docs/guides/theming				
					14

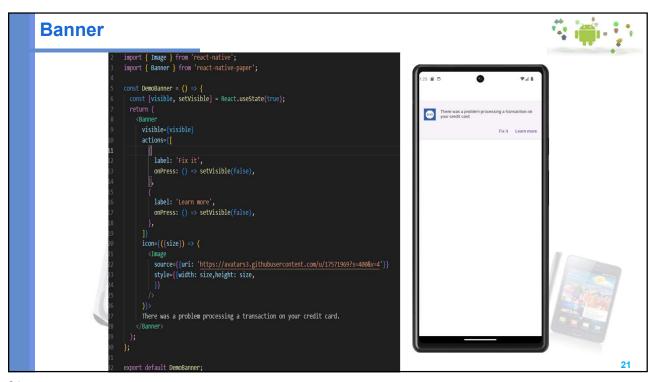


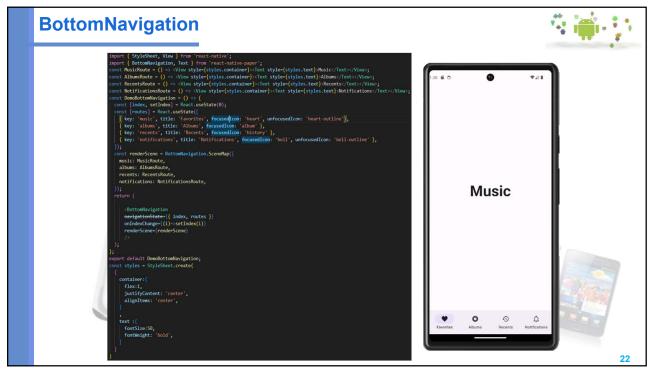


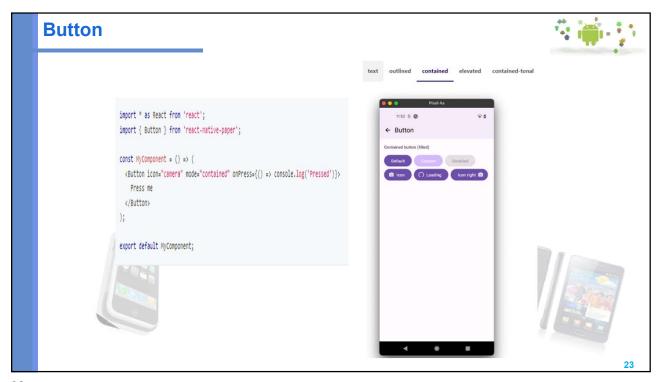


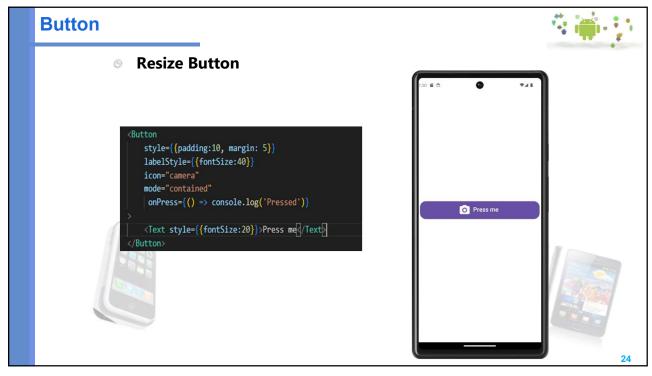


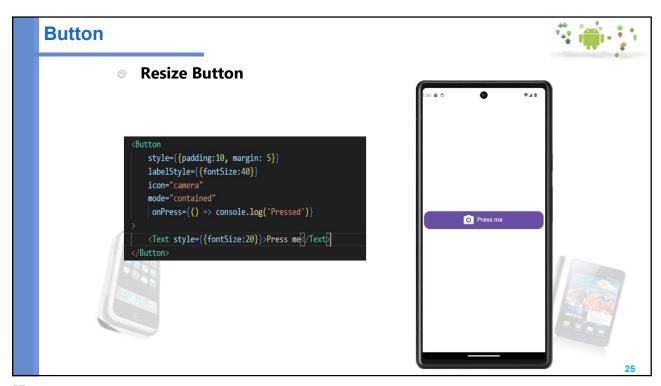
Avatar Avatar.lcon import * as React from 'react'; import { Avatar } from 'react-native-paper'; const MyComponent = () => (<Avatar.Icon size={24} icon="folder" />); **Avatar.Image** import * as React from 'react'; import { Avatar } from 'react-native-paper'; const MyComponent = () => (<Avatar.Image size={24} source={require('../assets/avatar.png')} /> export default MyComponent Avatar.Text import * as React from 'react'; import { Avatar } from 'react-native-paper'; const MyComponent = () => (<Avatar.Text size={24} label="XD" />); 20











```
Card.Title

Card.Cover

Card.Actions

import * as React from 'react';
import { Avatar, Button, Card, Text } from 'react-native-paper';

const LeftContent = props ⇒ ⟨Avatar.Icon {...props} icon="folder" />

const DemoCard = () ⇒ {
⟨Card.Title title="Card Title" subtitle="Card Subtitle" left={LeftContent} />
⟨Card.Content>⟩
⟨Text variant="ititlelarge">
⟨Text variant="ititlelarge">
⟨Text variant="ititlelarge">
⟨Card.Content>⟩
⟨Card.Content>⟩
⟨Card.Actions⟩
⟨Card.Actions⟩
⟨Card.Actions⟩
⟨Sutton>Okc/Button>⟩
⟨Card.Actions⟩
⟨Card.
```

