MOBILE PROGRAMMING

Tutorial 07

Activity 01: Build a Flexbox Demonstration App in React Native

Description

You will build a simple React Native application with multiple screens to demonstrate how various Flexbox properties work. Each screen will display a set of values for a specific property and allow users to switch between them to observe layout changes.

↳ Requirements

1□. Home Screen (HomeScreen.js)

Create a home screen with a list of buttons for navigation to the following screens:

- **Flex Direction**
- **Justify Content**
- **Align Items**
- **Flex Wrap**
- **Align Content**
- **Gap**

2□. Flex Direction Screen (FlexDirectionScreen.js)

💡 Display how flexDirection changes with these values:

- row
- column

- row-reverse
- column-reverse

3□. Justify Content Screen (JustifyContentScreen.js)

Display how justifyContent changes with these values:

- flex-start
- center
- flex-end
- space-between
- space-around
- space-evenly

4□. Align Items Screen (AlignItemsScreen.js)

Display how alignItems changes with these values:

- flex-start
- center
- flex-end
- stretch
- baseline

5□. Flex Wrap Screen (FlexWrapScreen.js)

Display how flexWrap changes with these values:

- nowrap
- wrap
- wrap-reverse

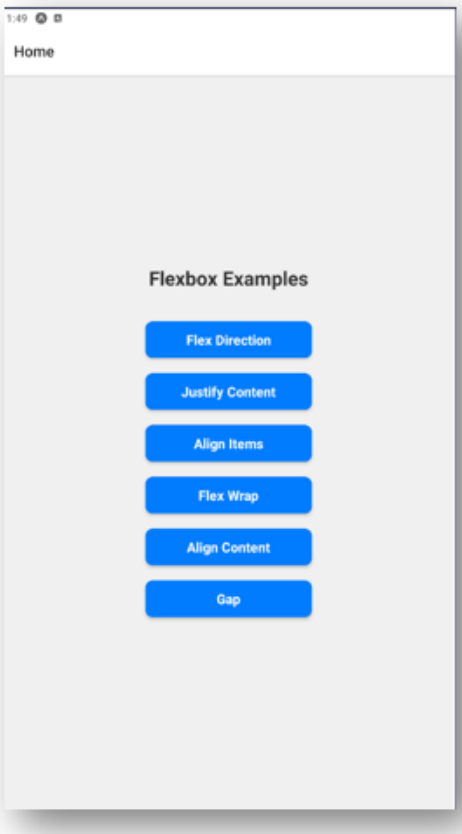
6□.Align Content Screen (AlignContentScreen.js)

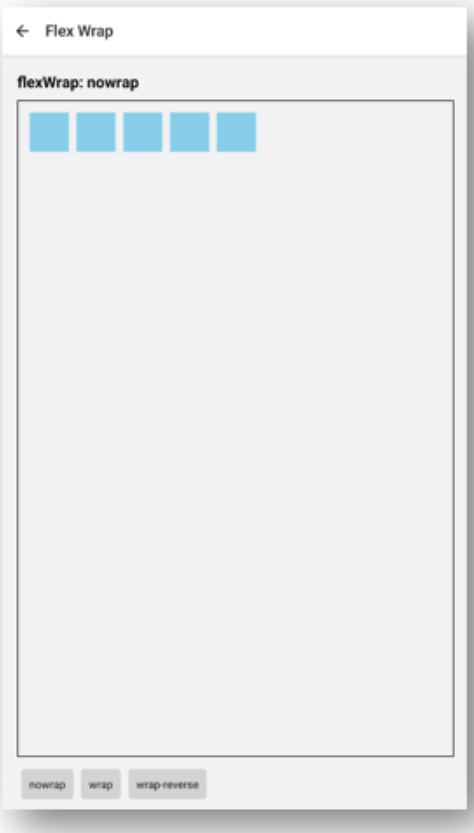
Display how alignContent changes with these values:

- flex-start
- center
- flex-end
- space-between
- space-around
- stretch

7□. Gap Screen (GapScreen.js)

Display how gap, rowGap, and columnGap affect layout.





Activity 02: User profile

In this activity, you will create a user profile screen that displays various user information. The suggested UI as shown: