April 23 Assignment

Bottomtab.tsx

```tsx
import * as React from 'react';
import {View, Image, StatusBar, Platform} from 'react-native';
import {NavigationContainer} from '@react-navigation/native';
import images from '../constants/images';
import {createBottomTabNavigator} from '@react-navigation/bottom-tabs';
const Tab = createBottomTabNavigator();
import {vh, vw} from '../constants/dimensions';
import {
  useSafeAreaInsets,
  SafeAreaProvider,
} from 'react-native-safe-area-context';
import {StyleSheet} from 'react-native';
const CustomStatusBar = ({backgroundColor}: any) => {
  const insets = useSafeAreaInsets();
  return (
    <View
      style={{{
        height: insets.top,
        backgroundColor,
      }}>
      <StatusBar backgroundColor={backgroundColor} barStyle={'dark-content'} />
    </View>
  );
};
function HomeScreen() {
  return (
    <View style={styles.bg1}>
      <Image source={images.home} style={styles.image} />
    </View>
  );
}
function Previous() {
  return (
    <View style={styles.bg2}>
      <Image source={images.previous} style={styles.image} />
    </View>
  );
}
function Next() {
  return (
    <View style={styles.bg1}>
      <Image source={images.next} style={styles.image} />
    </View>
```

```
  );
}
function Cart() {
  return (
    <View style={styles.bg3}>
      <Image source={images.next} style={styles.image} />
    </View>
  );
}
function Contact() {
  return (
    <View style={styles.bg4}>
      <Image source={images.contact} style={styles.image} />
    </View>
  );
}
export default function App() {
  return (
    <SafeAreaProvider>
      <CustomStatusBar backgroundColor="rgba(248,247,247,1)" />
      <NavigationContainer>
        <Tab.Navigator
          initialRouteName="HomeScreen"
          screenOptions={{
            headerShown: false,
            tabBarStyle: {
              height: Platform.OS === 'ios' ? vh(60) : vh(60),
              marginBottom: Platform.OS === 'ios' ? 30 : 20,
              marginHorizontal: 15,
              paddingBottom: Platform.OS === 'ios' ? 10 : 5,
              borderRadius: 12,
              backgroundColor: 'white',
              shadowColor: '#1E81F0',
              shadowOffset: {
                width: 0,
                height: 11,
              },
              shadowOpacity: Platform.OS === 'ios' ? 0.2 : 1,
              shadowRadius: Platform.OS === 'ios' ? 5 : 16,
              elevation: 8,
            },
            tabBarActiveTintColor: 'rgba(33,150,243,1)',
            tabBarInactiveTintColor: 'black',
          }}
          backBehavior="initialRoute">
          <Tab.Screen
            name="Product"
            component={Previous}
            options={{
              title: 'Products',
              tabBarLabelPosition: 'below-icon',
```

```jsx
          tabBarIcon: ({size}) => {
            return (
              <Image
                style={{width: size, height: size}}
                source={images.home}
              />
            );
          },
        }}
      />
      <Tab.Screen
        name="Category"
        component={HomeScreen}
        options={{
          title: 'Category',
          tabBarIcon: ({size}) => {
            return (
              <Image
                style={{width: size, height: size}}
                source={images.category}
              />
            );
          },
        }}
      />

      <Tab.Screen
        name="Cart"
        component={Cart}
        options={{
          title: 'Cart',
          tabBarIcon: ({size}) => {
            return (
              <Image
                style={{
                  width: size,
                  height: size,
                  tintColor: 'rgb(33,150,243)',
                }}
                source={images.cart}
              />
            );
          },
        }}
      />
      <Tab.Screen
        name="raised"
        component={Next}
        options={{
          title: 'Raised',
```

```
              tabBarIcon: ({size}) => {
                return (
                  <Image
                    style={{width: size, height: size}}
                    source={images.raised}
                  />
                );
              },
            }}
          />
          <Tab.Screen
            name="Received"
            component={Contact}
            options={{
              title: 'Received',
              tabBarIcon: ({size}) => {
                return (
                  <Image
                    style={{
                      width: size,
                      height: size,
                      tintColor: 'rgb(33,150,243)',
                    }}
                    source={images.received}
                  />
                );
              },
            }}
          />
        </Tab.Navigator>
      </NavigationContainer>
    </SafeAreaProvider>
  );
}
const styles = StyleSheet.create({
  home: {
    flex: 1,
    justifyContent: 'center',
    alignItems: 'center',
    backgroundColor: 'white',
  },
  image: {
    height: 200,
    width: 200,
    marginLeft: 100,
    marginTop: 200,
  },
  bg1: {
    backgroundColor: 'white',
    flex: 1,
  },
```

```
  bg2: {
    backgroundColor: '#E3C6B8',
    flex: 1,
  },
  bg3: {
    backgroundColor: '#D2E3B8',
    flex: 1,
  },
  bg4: {
    backgroundColor: '#B8E3E0',
    flex: 1,
  },
});
```

Toptab.tsx

```
import {StyleSheet} from 'react-native';
import React from 'react';
import {createMaterialTopTabNavigator} from '@react-navigation/material-top-tabs';
const Tab = createMaterialTopTabNavigator();

import {View, Image, StatusBar, Platform} from 'react-native';
import {NavigationContainer} from '@react-navigation/native';
import images from '../constants/images';
import {vh, vw} from '../constants/dimensions';
import {
  useSafeAreaInsets,
  SafeAreaProvider,
} from 'react-native-safe-area-context';

const CustomStatusBar = ({backgroundColor}: any) => {
  const insets = useSafeAreaInsets();
  return (
    <View
      style={{{
        height: insets.top,
        backgroundColor,
      }}>
      <StatusBar backgroundColor={backgroundColor} barStyle={'dark-content'} />
    </View>
  );
};
function HomeScreen() {
  return (
    <View style={styles.bg1}>
```

```jsx
          <Image source={images.home} style={styles.image} />
        </View>
    );
}
function Previous() {
    return (
        <View style={styles.bg2}>
            <Image source={images.previous} style={styles.image} />
        </View>
    );
}
export default function App() {
    return (
        <SafeAreaProvider>
            <CustomStatusBar backgroundColor="rgba(248,247,247,1)" />
            <NavigationContainer>
                <Tab.Navigator
                    initialRouteName="HomeScreen"
                    backBehavior="initialRoute"
                    screenOptions={{
                        tabBarStyle: {
                            marginTop: 30,
                            height: Platform.OS === 'ios' ? vh(42) : vh(45),
                            borderWidth: 1,
                            width: vw(328),
                            marginLeft: 18,
                            borderRadius: 12,
                            borderColor: 'rgba(35,115,207,1)',
                        },
                        tabBarActiveTintColor: 'white',
                        tabBarInactiveTintColor: 'black',

                        tabBarLabelStyle: styles.label,
                        tabBarIndicatorStyle: styles.indicator,
                        tabBarAndroidRipple: {radius: 0},
                    }}>
                    <Tab.Screen
                        name="Previous"
                        component={Previous}
                        options={{
                            title: 'Distributor',
                        }}
                    />

                    <Tab.Screen
                        name="Home"
                        component={HomeScreen}
                        options={{
                            title: 'Retailer',
                        }}
                    />
```
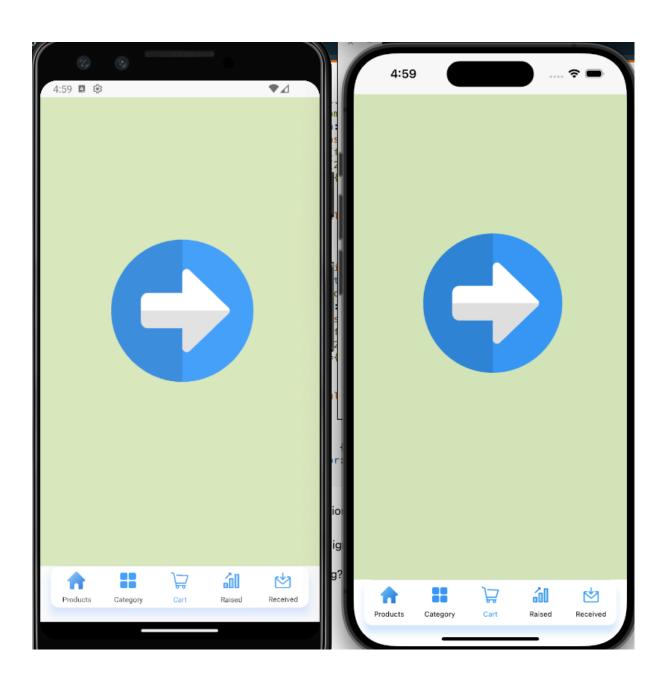
```jsx
        </Tab.Navigator>
      </NavigationContainer>
    </SafeAreaProvider>
  );
}
const styles = StyleSheet.create({
  home: {
    flex: 1,
    justifyContent: 'center',
    alignItems: 'center',
    backgroundColor: 'white',
  },
  image: {
    height: 200,
    width: 200,
    marginLeft: 100,
    marginTop: 200,
  },
  bg1: {
    backgroundColor: 'white',
    flex: 1,
  },
  bg2: {
    backgroundColor: 'white',
    flex: 1,
  },
  label: {
    fontWeight: '600',
    marginTop: Platform.OS === 'ios' ? 0 : -4,
  },
  indicator: {
    height: Platform.OS === 'ios' ? vh(33) : vh(35),
    width: vw(156),
    backgroundColor: 'rgba(0,106,235,1)',
    marginLeft: 4,
    marginBottom: 4,
    borderRadius: 8,
  },
});
```

Output :-

Navigation Between bottom Tabs

Output :-

Navigation Between Top Tabs