**Reg No:SP20-BCS-013**

import React from 'react';

import { View, Text, Button } from 'react-native';

import { NavigationContainer } from '@react-navigation/native';

import { createDrawerNavigator } from '@react-navigation/drawer';

import { createBottomTabNavigator } from '@react-navigation/bottom-tabs';

import { 8 } from '@react-navigation/stack';

import { HeaderButtons,HeaderButton, Item } from 'react-navigation-header-buttons';

import { Ionicons } from '@expo/vector-icons';

// Screen components

const HomeScreen = ({ navigation }) => (

<View style={{ flex: 1, alignItems: 'center', justifyContent: 'center' }}>

<Text>Home Screen</Text>

<Button

title="Go to Details"

onPress={() => navigation.navigate('Details')}

/>

</View>

);

const DetailsScreen = ({ navigation }) => (

<View style={{ flex: 1, alignItems: 'center', justifyContent: 'center' }}>

<Text>Details Screen</Text>

<Button

title="Go to More Details"

onPress={() => navigation.navigate('MoreDetails')}

/>

</View>

);

const MoreDetailsScreen = ({ navigation }) => (

<View style={{ flex: 1, alignItems: 'center', justifyContent: 'center' }}>

<Text>More Details Screen</Text>

<Button

title="Update Params"

onPress={() => navigation.setParams({ updatedParam: 'Updated!' })}

/>

<Button

title="Go Back"

onPress={() => navigation.goBack()}

/>

</View>

);

// Header button component

const CustomHeaderButton = props => (

<HeaderButtons HeaderButtonComponent={HeaderButtonComponent} {...props} />

);

const HeaderButtonComponent = props => (

<HeaderButton {...props} />

);

// Stack navigator

const Stack = createStackNavigator();

const StackNavigatorScreen = () => (

<Stack.Navigator>

<Stack.Screen

name="Home"

component={HomeScreen}

options={({ navigation }) => ({

title: 'Home',

headerRight: () => (

<CustomHeaderButton>

<Item title="Cart" iconName="ios-cart" onPress={() => alert('Cart')} />

</CustomHeaderButton>

),

})}

/>

<Stack.Screen

name="Details"

component={DetailsScreen}

options={{

title: 'Details',

headerRight: () => (

<CustomHeaderButton>

<Item title="Save" iconName="ios-save" onPress={() => alert('Save')} />

</CustomHeaderButton>

),

}}

/>

<Stack.Screen

name="MoreDetails"

component={MoreDetailsScreen}

options={({ navigation, route }) => ({

title: route.params?.updatedParam || 'More Details',

headerRight: () => (

<CustomHeaderButton>

<Item title="Delete" iconName="ios-trash" onPress={() => alert('Delete')} />

</CustomHeaderButton>

),

})}

/>

</Stack.Navigator>

);

// Drawer navigator

const Drawer = createDrawerNavigator();

const DrawerNavigatorScreen = () => (

<Drawer.Navigator>

<Drawer.Screen name="Home" component={StackNavigatorScreen} />

<Drawer.Screen name="MoreDetails" component={MoreDetailsScreen} />

</Drawer.Navigator>

);

// Tab navigator

const Tab = createBottomTabNavigator();

const TabNavigatorScreen = () => (

<Tab.Navigator>

<Tab.Screen name="Home" component={StackNavigatorScreen} />

<Tab.Screen name="MoreDetails" component={MoreDetailsScreen} />

</Tab.Navigator>

);

export default function App() {

return (

<NavigationContainer>

<TabNavigatorScreen />

</NavigationContainer>

);

}