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**FA20-BCS-032**

**Assignment 3**

App.js File:

import \* as React from 'react';

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

import { TextInput } from 'react-native-paper';

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

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

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

import { createMaterialTopTabNavigator } from '@react-navigation/material-top-tabs';

import { color } from 'react-native-reanimated';

function EmptyScreen() {

  return <View />;

}

function Login({navigation}){

  return(

    <View >

    <TextInput placeholder='email'/>

    <TextInput placeholder='password'/>

    <TouchableOpacity style={styles.button} onPress={() => navigation.navigate('Home')}>

      <Text style={{color:'#fff', fontWeight:'700'}}>Login</Text>

    </TouchableOpacity>

    </View>

  )

}

const   TopTab = createMaterialTopTabNavigator();

function NewHome() {

  return (

     <View style={styles.assignColor}>

     <Text style={styles.textinput}>Listen to music over here!!!!</Text>

    </View>

  );

}

function SoundCloud(){

  return(

    <View>

     <TopTab.Navigator>

     <TopTab.Screen name="Home" component={SoundCloud\_Home}></TopTab.Screen>

     <TopTab.Screen name="Recently Played" component={RecentlyPlayed}></TopTab.Screen>

     <TopTab.Screen name="My Playlist" component={playlist}></TopTab.Screen>

    </TopTab.Navigator>

   </View>

  )

}

function SoundCloud\_Home(){

  return(

    <View style={styles.soundCloudColor}>

    <View style={styles.page}>

    <View style={styles.container}>

     <Text style={styles.text}>More of what you like</Text>

     <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     <Image style={styles.image} source={require('./assets/music3.png')} />

     </View>

    </View>

    <View style={styles.container}>

    <Text style={styles.text}>Recently Played</Text>

    <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music3.png')} />

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     </View>

    </View>

    <View style={styles.container}>

    <Text style={styles.text}>My Playlist</Text>

    <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     <Image style={styles.image} source={require('./assets/music3.png')} />

     </View>

    </View>

    </View>

    </View>

  )

}

function playlist(){

  return(

    <View style={styles.page}>

    <View style={styles.container}>

    <Text style={styles.text}>My Playlist</Text>

    <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     <Image style={styles.image} source={require('./assets/music3.png')} />

     </View>

    </View>

    </View>

  )

}

function RecentlyPlayed(){

  return(

    <View style={styles.container}>

    <Text style={styles.text}>Recently Played</Text>

    <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music3.png')} />

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     </View>

    </View>

  )

}

function Spotify(){

  return(

    <View>

     <TopTab.Navigator>

     <TopTab.Screen name="Home" component={Spotify\_Home}></TopTab.Screen>

     <TopTab.Screen name="Recently Played" component={myPlaylist}></TopTab.Screen>

     <TopTab.Screen name="Premium" component={premium}></TopTab.Screen>

    </TopTab.Navigator>

   </View>

  )

}

function Spotify\_Home(){

  return(

    <View style={styles.spotifyColor}>

    <View style={styles.page}>

    <View style={styles.spotifycontainer}>

     <Text style={styles.text}>More of what you like</Text>

     <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     <Image style={styles.image} source={require('./assets/music3.png')} />

     </View>

    </View>

    <View style={styles.spotifycontainer}>

    <Text style={styles.text}>Made for Anusha Amin</Text>

    <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music3.png')} />

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     </View>

    </View>

    <View style={styles.spotifycontainer}>

    <Text style={styles.text}>Trending Now!!!!</Text>

    <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     <Image style={styles.image} source={require('./assets/music3.png')} />

     </View>

    </View>

    </View>

    </View>

  )

}

function myPlaylist(){

  return(

    <View style={styles.spotifycontainer}>

    <Text style={styles.text}>Made for Anusha Amin</Text>

    <View style={styles.imageContainer}>

     <Image style={styles.image} source={require('./assets/music3.png')} />

     <Image style={styles.image} source={require('./assets/music1.png')} />

     <Image style={styles.image} source={require('./assets/music2.jpg')} />

     </View>

    </View>

  )

}

function premium(){

  return(

    <View style={styles.spotifyColor}>

      <Text style={styles.textinput}>To get the premium version you need subscription</Text>

    </View>

  )

}

const Drawer = createDrawerNavigator();

const Stack = createNativeStackNavigator();

function Home() {

  return (

    <Drawer.Navigator useLegacyImplementation>

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

      <Drawer.Screen name="Sound Cloud" component={SoundCloud} />

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

    </Drawer.Navigator>

  );

}

function App() {

  return (

    <NavigationContainer>

      <Stack.Navigator>

      <Stack.Screen name="Login" component={Login} />

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

      </Stack.Navigator>

    </NavigationContainer>

  );

}

const styles = StyleSheet.create({

  assignColor:{

    backgroundColor: "#ACB1D6",

  },

  soundCloudColor:{

   backgroundColor: '#DDE6ED'

  },

  spotifyColor: {

   backgroundColor: '#9CA777'

  },

  page: {

   flex:1,

  },

  input: {

    height: 40,

    margin: 12,

    borderWidth: 1,

    padding: 10,

  },

  container: {

    flex: 0.5,

    backgroundColor: '#DDE6ED',

    borderWidth: 1,

    marginBottom:15,

  },

  spotifycontainer: {

    flex: 0.5,

    backgroundColor: '#9CA777',

    borderWidth: 1,

    marginBottom:15,

  },

  image:{

    height:150,

    width:130,

    margin: 5

  },

  imageContainer:{

  flex:1,

  flexDirection:'row',

  },

  text: {

    fontSize: 20,

    fontWeight: 'bold'

  },

  textinput: {

    fontSize: 30,

    textAlign: 'center',

    fontWeight: 'bold',

    fontFamily: 'Cormorant',

    margin: 100,

  },

  button: {

    width: "170px",

    textAlign: "center",

    backgroundColor: "#917FB3",

    padding: "10px",

    borderRadius: "20px",

    color: "#fff",

    fontSize: "22px",

    fontFamily: "Cormorant",

    margin: '20px',

  }

}

)

export default App;

Output:

