**THEORY+ LAB ASSIGNMENT # 3**

****

**Course Name:**

**Mobile App Development**

**Submitted to:**

**Sir. Muhammad Kamran**

**Submitted by:**

**Taib-ul-Wara**

**Reg-no:**

**Sp20-bse-021**

**DEPARTMENT OF COMPUTER SCIENCE**

**Comsats university Islamabad, Attock Campus**

**NAVIGATIONS IMPLEMENTATION:**

**APP.JS:**

import React from 'react';

import {

  SafeAreaView,

  StatusBar,

  StyleSheet,

} from 'react-native';

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

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

const Stack = createNativeStackNavigator();

import HomeScreen from './components/HomeScreen';

import UserName from './components/UserName';

import Password from './components/Password';

const App = () => {

  return (

    <SafeAreaView style={styles.container}>

      <StatusBar barStyle={'light-content'} />

      <NavigationContainer>

        <Stack.Navigator>

          <Stack.Screen

            name="Home"

            component={HomeScreen}

            options={{ title: 'Home' }}

          />

          <Stack.Screen name="UserName" component={UserName} options={{ title: 'UserName' }} />

          <Stack.Screen name="Password" component={Password} options={{ title: 'Password' }} />

        </Stack.Navigator>

      </NavigationContainer>

    </SafeAreaView>

  );

};

const styles=StyleSheet.create({

  container:{

    flex: 1,

      justifyContent: 'center',

      marginHorizontal: 16,

      backgroundColor:"grey",

  }

})

export default App;

**USERNAME.JS:**

import React from 'react'

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

const UserName = ({ navigation, route }) => {

    return (

        <View style={styles.container}>

            <Text style={{ fontSize: 30 }}>userName Page</Text>

            <Text style={{ fontSize: 30 }}> {route.params.name}</Text>

            <Button

            title="Go back to Home" style={styles.Button}

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

                 <Text style={{ fontSize: 60 }}>Redirect To HomeScreen</Text>

            </Button >

        </View>

    )

}

const styles=StyleSheet.create({

    container:{

        flex: 1,

          justifyContent: 'center',

          marginHorizontal: 16,

          backgroundColor:"pink",

      },

      Button: {

        width: "30",

         margin: 10,

          backgroundColor: "white",

          Color:"black",

          justifyContent:"space-between",

          textAlign:"center",

          flexDirection: 'colomn',

         height:"30",

      },

})

export default UserName

**HOMESCREEN.JS:**

import React from 'react'

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

const HomeScreen = ({ navigation }) => {

    return (

        <View  style={styles.container}>

      <Text style={styles.title}>

       Visual WEbsite

         Optimizer

      </Text>

            <Button title="Username" style={styles.Button}

            onPress={() => navigation.navigate('Username', { name: 'enter name', email: 'taiba@gmail.com' })}>

                <Text>Username</Text>

            </Button >

            <Button

            title="Password"

             style={styles.Button}

              onPress={() => navigation.navigate('Password', { name: 'taiba', password:"enterpassword"})}>

                <Text>Password</Text>

            </Button >

        </View>

    )

}

const styles=StyleSheet.create({

title:{

  textAlign: 'center',

  justifyContent:"top",

  marginVertical: 10,

  marginHorizontal: 10,

  color:"white",

  fontSize:80,

  fontStyle:"normal"

},

container:{

  flex: 1,

    justifyContent: 'center',

    marginHorizontal: 16,

    backgroundColor:"pink",

},

Button: {

   title:"signup",

  width: "30",

   margin: 10,

    backgroundColor: "white",

    Color:"black",

    justifyContent:"space-between",

    textAlign:"center",

    flexDirection: 'row',

   height:"30",

   borderWidth: 0.5,

   alignitem:"center"

},

})

export default HomeScreen

**PASSWORD.JS:**

import React from 'react'

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

const Password = ({ navigation, route }) => {

    return (

        <View style={styles.container} >

            <Text style={{ fontSize: 30 }}>login Page by enterpassword </Text>

            <Text style={{ fontSize: 30 }}> {route.params.name}</Text>

            <Button

            title=" Go back to Home"

            style={styles.Button} onPress={() => navigation.navigate('HomeScreen')}>

                <Text style={{ fontSize: 60 }}>Redirect To HomeScreen</Text>

            </Button >

        </View>

    )

}

const styles=StyleSheet.create({

    container:{

        flex: 1,

          justifyContent: 'center',

          marginHorizontal: 16,

          backgroundColor:"pink",

      },

      Button: {

        width: "30",

         margin: 10,

          backgroundColor: "white",

          Color:"black",

          justifyContent:"space-between",

          textAlign:"center",

          flexDirection: 'colomn',

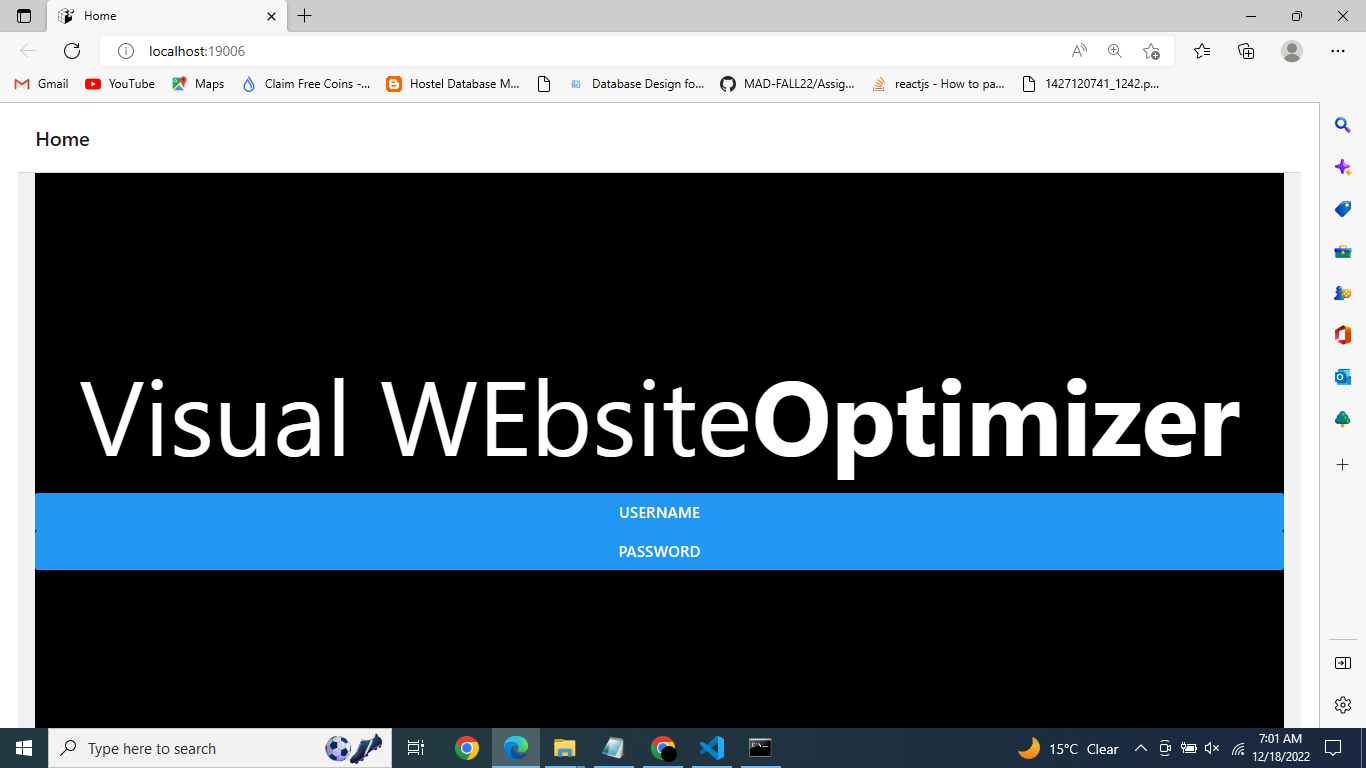
         height:"30",

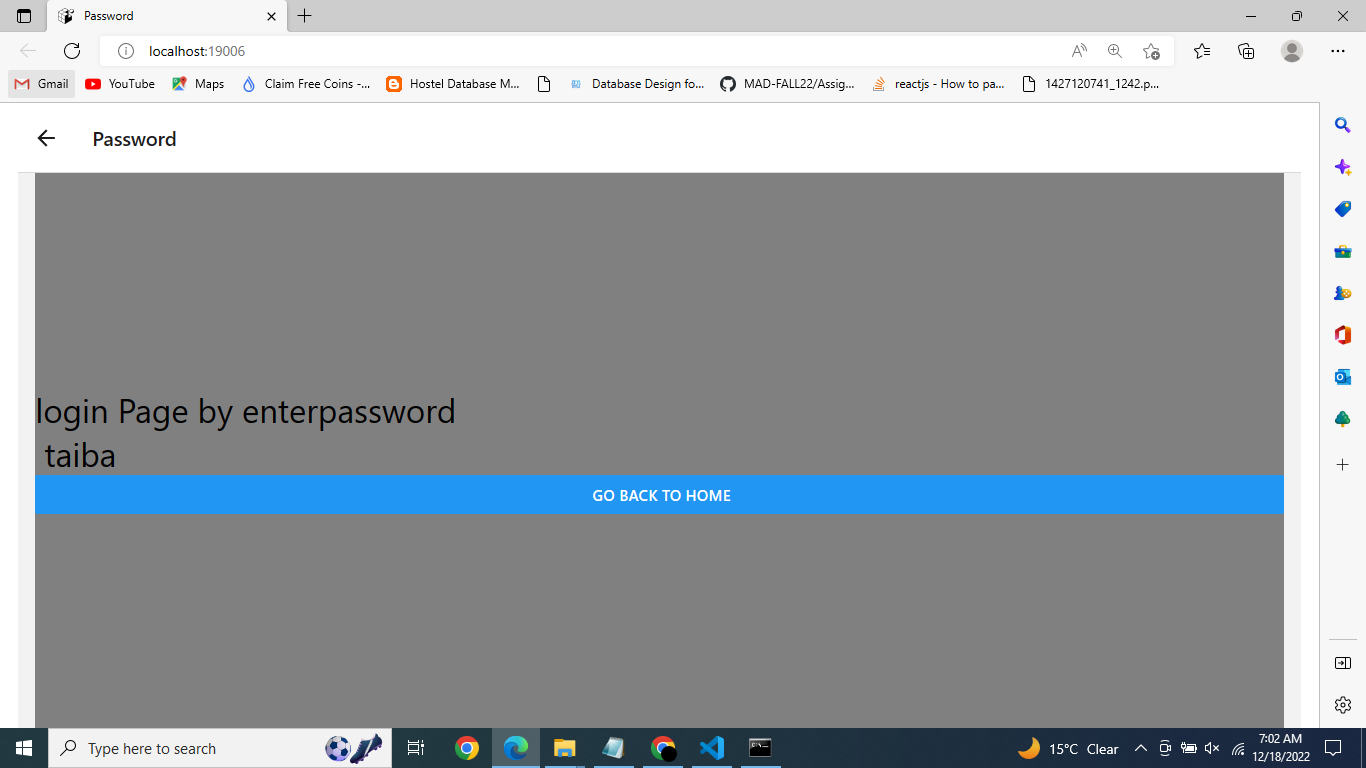
      },

})

export default Password

**OUTPUTS:**

****

****