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SP20-BCS-043
MAD (LAB+THEORY)

Assignment no.03

Signup Screen:

```
import { StatusBar } from 'expo-status-bar';
import { StyleSheet, Text, View, TextInput, TouchableOpacity } from 'react-native';
import { useState } from 'react';
import AsyncStorage from '@react-native-async-storage/async-storage';

export default function App() {

  const [name, setName] = useState('');
  const [Email, setEmail] = useState('');
  const [password, setPassword] = useState('');
  const [cpassword, setCpassword] = useState('');
  const [phone, setphone] = useState('');

  const data={
    name:name,
    email:Email,
    password: password,
    cpassword:cpassword,
    phone:phone
  }

  const storeData = async () => {
    try {
      const value = await AsyncStorage.getItem(Email)
      console.log(value);
      console.log(".....")
      if(value !== null) {
        alert("Email Already Exists")
        return
      }
      const jsonValue = JSON.stringify(data);
      await AsyncStorage.setItem(Email, jsonValue)
```

```

    clear();
    alert("Submitted")

  } catch (e) {
    // saving error
  }
}
const clear=()=>{
  setName('');
  setemail('');
  setpassword('');
  setcpassword('');
  setphone('');
}
return (
  <View style={styles.container}>
    <Text
style={{color:"orange",fontSize:30,marginTop:70,marginBottom:30}}>Register
Yourself</Text>
    <TextInput style={styles.input1}

      editable={true}
      value={name}
      onChangeText={(name) => setName(name)}
      multiline={false}
      placeholder="Name"
      placeholderTextColor="black"
      maxLength={200}
    />
    <TextInput style={styles.input1}

      editable={true}
      value={Email}
      onChangeText={(email) => setemail(email)}
      keyboardType="email-address"
      multiline={false}
      placeholder="Email"
      placeholderTextColor="black"
      maxLength={200}
    />
    <TextInput style={styles.input1}

      editable={true}
      value={password}
      onChangeText={(password) => setpassword(password)}

```

```

multiline={false}
secureTextEntry={true}
placeholder="Password"
placeholderTextColor="black"
maxLength={200}
/>
<TextInput style={styles.input1}

editable={true}
value={cpassword}
onChangeText={(cpass) => setcpassword(cpass)}

multiline={false}
secureTextEntry={true}
placeholder="Confirm Password"
placeholderTextColor="black"
maxLength={200}
/>
<TextInput style={styles.input1}

editable={true}
keyboardType="number-pad"
value={phone}
onChangeText={(phone) => setphone(phone)}
multiline={false}
placeholder="Phone Number"
placeholderTextColor="black"
maxLength={200}
/>
<TouchableOpacity
onPress={() =>
  { if(name==''){
      alert("Name is Required")
      return;
    }
    if(Email==''){
      alert("Email is Required")
      return;
    }
    if(password==''){
      alert("Password is Required")
      return;
    }
    if(cpassword==''){

```

```

        alert("Confirm Password is Required")
        return;
    }
    if(password!==cpassword){
        alert("Password and Confirm Password Should be Same")
        return;
    }
    if(phone===''){
        alert("Phone Number is Required")
        return;
    }

    storeData();

    }}
    >
    <Text style={styles.Button}>Submit</Text>
  </TouchableOpacity>
</View>
);
}

```

```

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: 'white',
    alignItems: 'center',

  },
  input1: {
    width: 350,
    height: 45,
    fontSize:16,
    marginTop:20,

    paddingStart:20,
    borderColor: "red",
    alignItems: "center",
    borderWidth: 1,
    alignSelf:'center',
    borderRadius: 10,
  },
  Button: {
    fontSize: 15,

```

```

width: 150,
color: "white",
marginTop: 60,
marginBottom: 10,
borderRadius: 10,
backgroundColor: "#ff7700",
textAlign: "center",
alignSelf: 'center',
fontWeight: "bold",
alignItems: "center",
lineHeight: 40,
},
});

```

Profile Screen:

```

import * as React from 'react';
import {useState,useEffect} from 'react';
import { View, Text,StyleSheet,SafeAreaView, TouchableOpacity, } from 'react-native';
import AsyncStorage from '@react-native-async-storage/async-storage';

const ProfileScreen = ({route}) => {

  let email = route.params.email;
  const [namep, setnamep] = useState('');
  const [emailp, setemailp] = useState('');
  const [passwordp, setpassp] = useState('');
  const [phonep, setphonep] = useState('');
  let parsed;
  const getData = async () => {
    try {

      let value = await AsyncStorage.getItem(email);
      parsed = JSON.parse(value);

      setemailp(parsed.email);
      setnamep(parsed.name);
      setphonep(parsed.phone);
      setpassp(parsed.password);
    }
  }
}

```

```

    } catch(e) {
      // error reading value
    }
  }
  useEffect(() => {
    getData();
    console.log("data")
  },[]);

  return (
    <SafeAreaView style={{flex: 1}}>
      <View style={styles.container}>
        <Text style={{ fontSize: 35, fontWeight: 'bold',marginBottom:40}}>
          User Data
        </Text>

        <Text style={{ fontSize: 32, fontWeight: 'bold' }}>Name
        </Text>
        <Text style={{ fontSize: 28, fontWeight: 'bold' }}>
          {namep}
        </Text>

        <Text style={{ fontSize: 35, fontWeight: 'bold'
,marginTop:20}}>Email</Text>
        <Text style={{ fontSize: 28, fontWeight: 'bold' }}>
          {emailp}
        </Text>
        <Text style={{ fontSize: 35, fontWeight: 'bold',marginTop:20 }}>
          Password
        </Text>
        <Text style={{ fontSize: 28, fontWeight: 'bold' }}>
          {passwordp}
        </Text>

        <Text style={{ fontSize: 35, fontWeight: 'bold' ,marginTop:20}}>
          Phone
        </Text>
      </View>
    </SafeAreaView>
  );
}

```

```

        <Text style={{ fontSize: 28, fontWeight: 'bold' }} >
            {phonep}
        </Text>

    </View>

</SafeAreaView>
);
};

export default ProfileScreen;

const styles = StyleSheet.create({
  container: {
    flex: 1,
    alignItems: 'center',
    padding: 20,
  },
  heading: {
    fontSize: 25,
    textAlign: 'center',
    marginVertical: 10,
  },
  textStyle: {
    textAlign: 'center',
    fontSize: 16,
    marginVertical: 10,
  },
});

```

APP.js

```

import * as React from 'react';
import {
  StyleSheet,
  Button,
  TouchableHighlight,
  Image,
  View,

```

```

    Text,
    TextInput,
    TouchableOpacity
  } from "react-native";
import { NavigationContainer } from '@react-navigation/native';
import {useState,useEffect} from 'react';
import AsyncStorage from '@react-native-async-storage/async-storage';
import { createNativeStackNavigator } from '@react-navigation/native-stack';
// Screens
import Profile from '../Components/Profile';

import SignUp from '../Components/Signup1';

//Screen names
function login({ navigation }) {

  const [password1, setpassword1] = useState('');
  const [Emaill, setemaill] = useState('');

  const [pass, setpass] = useState('');
  const [Emai, setemai] = useState('');
  let email,password,parsed;

  /* const getData = async () => {
    try {

      const jsonValue = await AsyncStorage.getItem(Emaill)
      data=jsonValue;
      return jsonValue != null ? JSON.parse(jsonValue) : null;
    } catch(e) {
      // error reading value
    }
  } */
  const getData = async () => {
    try {

      let value = await AsyncStorage.getItem(Emaill);
      parsed = JSON.parse(value);
      email=parsed.email;
      password=parsed.password;

      setemai(email)
    }
  }
}

```



```

        setpass(password)
        console.log(Emai);
        console.log(pass)

    } catch(e) {
        // error reading value
    }
}

return (
    <View style={styles.parentcont}>
    <View style={styles.container}>
        <Image
            style={styles.pic}
            source={require("./assets/Saly-1intro-image.png")}
        ></Image>
        <Text style={styles.text_login}>Login</Text>
    </View>
    <View>
        <Text style={styles.spce}></Text>
    </View>
    <View>

        <TextInput

            onChangeText={(name) => setemail1(name)}
            style={styles.input}
            value={Email1}

            placeholder="Email"
            placeholderTextColor="black"
            autoCapitalize="none"
        ></TextInput>

        <TextInput
            value={password1}
            onChangeText={(email) => setpassword1(email)}
            style={styles.input}
            secureTextEntry={true}

            placeholder="Password"

            placeholderTextColor="black"

```

```

        autoCapitalize="none"
    ></TextInput>
    <Text style={styles.test_forget}>Forget Password ?</Text>

</View>
<View style={{ flexDirection: "row" }}>
    <TouchableOpacity onPress={()=>{
        if(Emaill==='){
            alert("Email is Required")
            return;
        }
        if(passwordl==='){
            alert("Email is Required")
            return;
        }

        getData();
        alert(Emai)
        if(Emaill!==Emai){
            alert("Email Does Not Match")
            return;
        }
        if(passwordl!==pass){
            alert("Password Does Not Match")
            return;
        }

        navigation.navigate("Profile",{
            email:Emaill,
        })
        setemai('')
        setpasswordl('')

    }}>
    <Text style={styles.Button}>LOGIN</Text>
</TouchableOpacity>

</View>
<View>

</View>
<View style={{ flexDirection: "row",marginTop:50 }}>
    <Text style={styles.text_noacc}>Don't hava an account ?</Text>
    <TouchableOpacity onPress={() => navigation.navigate('SignUp')}>

```

```

        <Text style={styles.text_reg}> Register</Text>
      </TouchableOpacity>

    </View>
  </View>

  );
}

const Stack = createNativeStackNavigator();

function MainContainer() {
  return (
    <NavigationContainer>
      <Stack.Navigator >
        <Stack.Screen name="Login" component={login} />
        <Stack.Screen name="Profile" component={Profile} />

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

      </Stack.Navigator>
    </NavigationContainer>
  );
}

export default MainContainer;

const styles = StyleSheet.create({
  parentcont: {

    alignItems: "center",
    flex:1,
    backgroundColor: "white",
  },
  text: {
    alignContent: "center",
    fontSize: 25,
    fontWeight: "bold",
    textAlign: "center",
    color: "black",
  },
  spce: {

```

```
    marginTop: 18,
  },
  text1: {
    marginTop: 20,
    alignContent: "center",
    fontSize: 12,
    textAlign: "center",
    color: "black",
  },
  container: {
    height: 340,

    width: 370,
    borderBottomLeftRadius: 100,
    backgroundColor: "#ff7700",
  },
  pic: {
    height: 250,
    width: 250,
    marginLeft: 50,
    marginTop: 20
  },
},
Button: {
  fontSize: 13,
  width: 250,
  color: "white",
  marginTop: 70,
  borderRadius: 50,
  backgroundColor: "#ff7700",
  textAlign: "center",
  fontWeight: "bold",
  alignItems: "center",
  lineHeight: 40,
},
Button1: {
  fontSize: 18,
  width: 120,
  lineHeight: 55,
  fontWeight: "bold",
  textAlign: "center",
  marginRight: 20,
  borderTopRightRadius: 15,
  borderBottomRightRadius: 15,
```

```
        backgroundColor: "#f8f8ff",
    },
    text_login: {
        fontSize: 30,
        marginTop: 20,
        marginRight: 25,
        color: "#f8f8ff",
        textAlign: "right",
    },
    input_email: {
        height: 20,
    },
    text_noacc: {
        fontSize: 13,
        color: "black",
    },
    text_reg: {
        fontSize: 13,
        color: "#ff7700",
    },
    input: {
        width: 320,
        height: 45,
        fontSize: 16,
        marginTop: 20,

        paddingStart: 20,
        borderColor: "#ff7700",
        alignItems: "center",
        borderWidth: 1,
        alignSelf: 'center',
        borderRadius: 10,
    },
    test_forget: {
        fontSize: 13,
        color: "black",
        textAlign: "right",
        marginTop: 15,
    },
});
```