

Assignment No 04



Submitted to: Mr. Muhammad Kamran

Submitted By: Jan-e-Ali

Reg No: Sp20-Bse-043

Dated: 11 June 2023

1. Firstly I create login and signup screen in react native

→ **App.js File Code:**

```
import * as React from 'react';
import { NavigationContainer } from '@react-navigation/native';
import { createNativeStackNavigator } from '@react-navigation/native-stack';
import Home from './src/Home';
import Signup from './src/Signup';
import Login from './src/Login';

const Stack = createNativeStackNavigator();

function App() {
  return (
    <NavigationContainer>
      <Stack.Navigator screenOptions={{ headerShown: false }}>
        <Stack.Screen name="Home" component={Home} />
        <Stack.Screen name="Signup" component={Signup} />
        <Stack.Screen name="Login" component={Login} />
      </Stack.Navigator>
    </NavigationContainer>
  );
}

export default App;
```

Home.js:

```
import React from 'react';
import { View, StyleSheet, Text } from 'react-native';
import Background from './Background';
import Btn from './Btn';
import { darkGreen, green } from './Constants';

const Home = (props) => {
  return (
    <Background>
      <View style={{ marginHorizontal: 40, marginVertical: 100 }}>
```

```

    <Text style={{ color: 'white', fontSize: 64 }}>Welcome</Text>
    <Text style={{ color: 'white', fontSize: 64, marginBottom: 40 }}>CUI
Portal</Text>
    <Btn bgColor={green} textColor='white' btnLabel="Login" Press={() =>
props.navigation.navigate("Login")} />
    <Btn bgColor='white' textColor={darkGreen} btnLabel="Signup" Press={() =>
props.navigation.navigate("Signup")} />
  </View>
</Background>
);
}

const styles = StyleSheet.create({})

export default Home;

```

Login.js:

```

import React from 'react';
import {View, Text, Touchable, TouchableOpacity} from 'react-native';
import Background from './Background';
import Btn from './Btn';
import {darkGreen} from './Constants';
import Field from './Field';

const Login = (props) => {
  return (
    <Background>
      <View style={{alignItems: 'center', width: 460}}>
        <Text
          style={{
            color: 'white',
            fontSize: 64,
            fontWeight: 'bold',
            marginVertical: 20,
          }}>
          Login
        </Text>
        <View
          style={{
            backgroundColor: 'white',
            height: 700,
            width: 460,
            borderTopLeftRadius: 130,

```

```

paddingTop: 100,
alignItems: 'center',
}}>
<Text style={{fontSize: 40, color: darkGreen, fontWeight: 'bold'}}>
  Welcome Back
</Text>
<Text
  style={{
    color: 'grey',
    fontSize: 19,
    fontWeight: 'bold',
    marginBottom: 20,
  }}>
  Login to your account
</Text>
<Field
  placeholder="Email / Username"
  keyboardType={'email-address'}
/>
<Field placeholder="Password" secureTextEntry={true} />
<View
  style={{alignItems: 'flex-end', width: '78%', paddingRight: 16,
marginBottom: 200}}>
  <Text style={{color: darkGreen, fontWeight: 'bold', fontSize: 16}}>
    Forgot Password ?
  </Text>
</View>
<Btn textColor='white' bgColor={darkGreen} btnLabel="Login" Press={() =>
alert("Logged In")} />
  <View style={{ display: 'flex', flexDirection : 'row', justifyContent:
"center" }}>
    <Text style={{ fontSize: 16, fontWeight: "bold" }}>Don't have an account ?
  </Text>
    <TouchableOpacity onPress={() => props.navigation.navigate("Signup")}>
      <Text style={{ color: darkGreen, fontWeight: 'bold', fontSize: 16
}}>Signup</Text>
    </TouchableOpacity>
  </View>
</View>
</Background>
);
};

export default Login;

```

Signup.js:

```
import React from 'react';
import {View, Text, Touchable, TouchableOpacity} from 'react-native';
import Background from './Background';
import Btn from './Btn';
import {darkGreen} from './Constants';
import Field from './Field';

const Signup = props => {
  return (
    <Background>
      <View style={{alignItems: 'center', width: 460}}>
        <Text
          style={{
            color: 'white',
            fontSize: 64,
            fontWeight: 'bold',
            marginTop: 20,
          }}>
          Register
        </Text>
        <Text
          style={{
            color: 'white',
            fontSize: 19,
            fontWeight: 'bold',
            marginBottom: 20,
          }}>
          Create a new account
        </Text>
        <View
          style={{
            backgroundColor: 'white',
            height: 700,
            width: 460,
            borderTopLeftRadius: 130,
            paddingTop: 50,
            alignItems: 'center',
          }}>
          <Field placeholder="First Name" />
          <Field placeholder="Last Name" />
          <Field
            placeholder="Email / Username"

```

```

        keyboardType={'email-address'}
      />
      <Field placeholder="Contact Number" keyboardType={'number'} />
      <Field placeholder="Password" secureTextEntry={true} />
      <Field placeholder="Confirm Password" secureTextEntry={true} />
      <View
        style={{
          display: 'flex',
          flexDirection: 'row',
          width: '78%',
          paddingRight: 16
        }}>
        <Text style={{color: 'grey', fontSize: 16}}>
          {' '}
        </Text>
        <Text style={{color: darkGreen, fontWeight: 'bold', fontSize: 16}}>

      </Text>
    </View>

    <View
      style={{
        display: 'flex',
        flexDirection: 'row',
        justifyContent: "center",
        width: '78%',
        paddingRight: 16,
        marginBottom: 10
      }}>
      <Text style={{color: 'grey', fontSize: 16}}>
        {" "}
      </Text>
      <Text style={{color: darkGreen, fontWeight: 'bold', fontSize: 16}}>

    </Text>
  </View>
  <Btn
    textColor="white"
    bgColor={darkGreen}
    btnLabel="Signup"
    Press={() => {
      alert('Accoutn created');
      props.navigation.navigate('Login');
    }}
  />

```

```

    <View
      style={{
        display: 'flex',
        flexDirection: 'row',
        justifyContent: 'center',
      }}
    >
      <Text style={{fontSize: 16, fontWeight: 'bold'}}>
        Already have an account ?{' '}
      </Text>
      <TouchableOpacity
        onPress={() => props.navigation.navigate('Login')}
      >
        <Text
          style={{color: darkGreen, fontWeight: 'bold', fontSize: 16}}
        >
          Login
        </Text>
      </TouchableOpacity>
    </View>
  </View>
</View>
</Background>
);
};

export default Signup;

```

Following is the Background Image Code:

Background.js:

```

import React from 'react';
import {View, ImageBackground} from 'react-native';

const Background = ({ children }) => {
  return (
    <View>
      <ImageBackground source={require("./new.jpg")} style={{ height: '100%' }} />
      <View style={{ position: "absolute" }}>
        {children}
      </View>
    </View>
  );
}

export default Background;

```


Btn.js:

```
import {View, Text, TouchableOpacity} from 'react-native';
import React from 'react';

export default function Btn({bgColor, btnLabel, textColor, Press}) {
  return (
    <TouchableOpacity
      onPress={Press}
      style={{
        backgroundColor: bgColor,
        borderRadius: 100,
        alignItems: 'center',
        width: 350,
        paddingVertical: 5,
        marginVertical: 10
      }}>
      <Text style={{color: textColor, fontSize: 25, fontWeight: 'bold'}}>
        {btnLabel}
      </Text>
    </TouchableOpacity>
  );
}
```

Field.js:

```
import React from 'react';
import {TextInput} from 'react-native';
import {darkGreen} from './Constants';

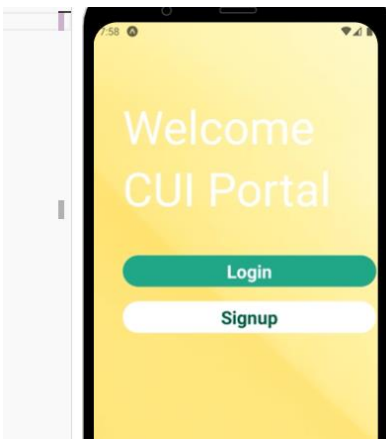
const Field = props => {
  return (
    <TextInput
      {...props}
      style={{borderRadius: 100, color: darkGreen, paddingHorizontal: 10, width: '78%',
        backgroundColor: 'rgb(220,220, 220)', marginVertical: 10}}
      placeholderTextColor={darkGreen}></TextInput>
  );
};

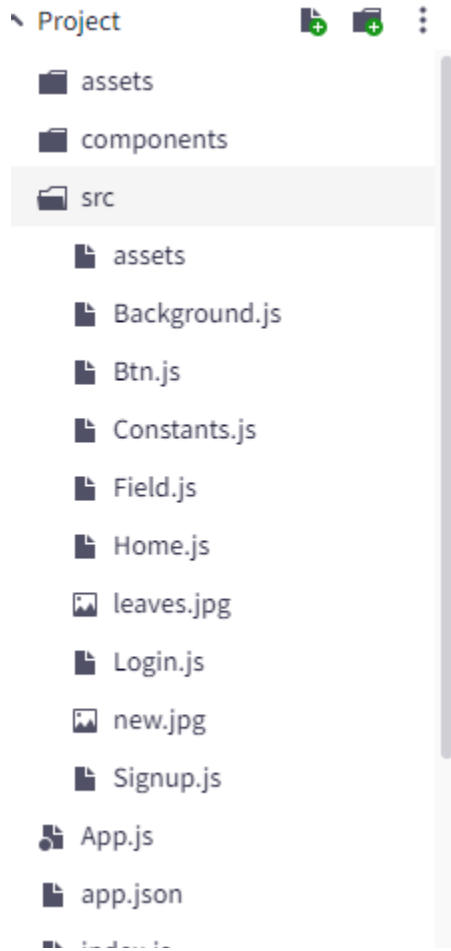
export default Field;
```

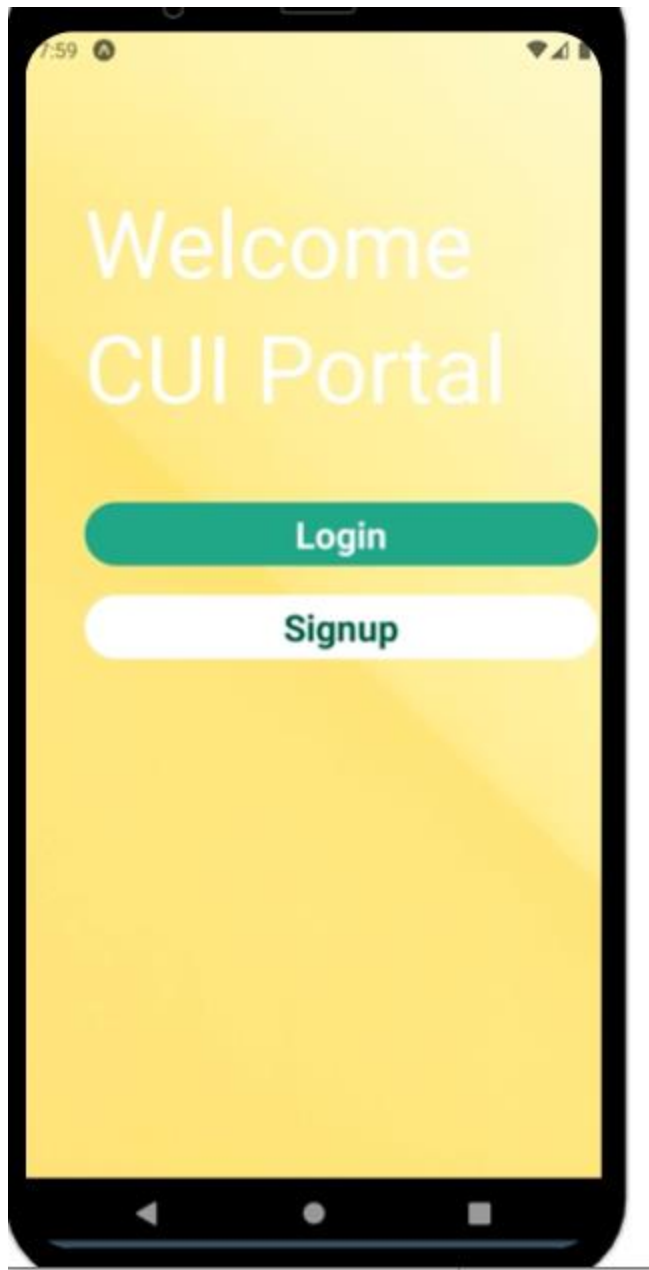
Background Image:



Code Write on Snack Expo:







Then we Click on Signup Button to get following

8:00

Register

Create a new account

First Name

Last Name

Email / Username

Contact Number

Password

Confirm Password

Signup

Already have an account ? [Login](#)

6:01

Register

Create a new account

Muhammad

Ahmed

FA20-BCS-036

123456789

.....

.....

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

⬆ z x c v b n m ⬇

?123 , . ✓

appetize.io/embed/xc1w6f1krd589zhp22a0...

8:01

Register

Create a new account

Muhammad

Ahmed

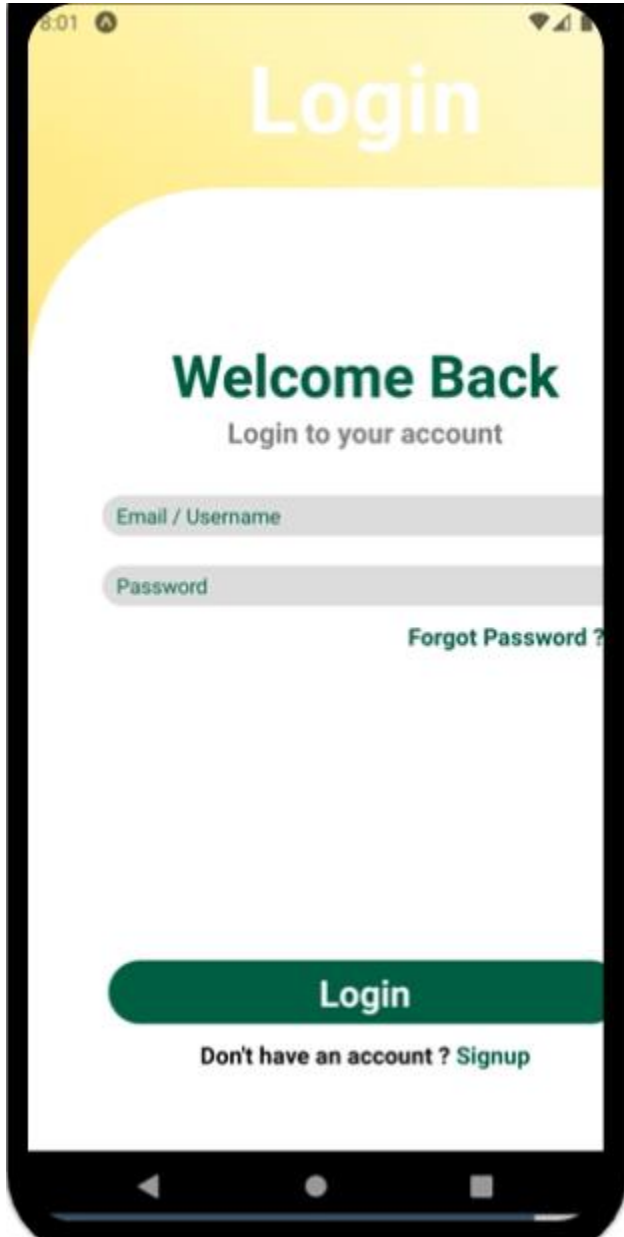
FA20-BCS-036

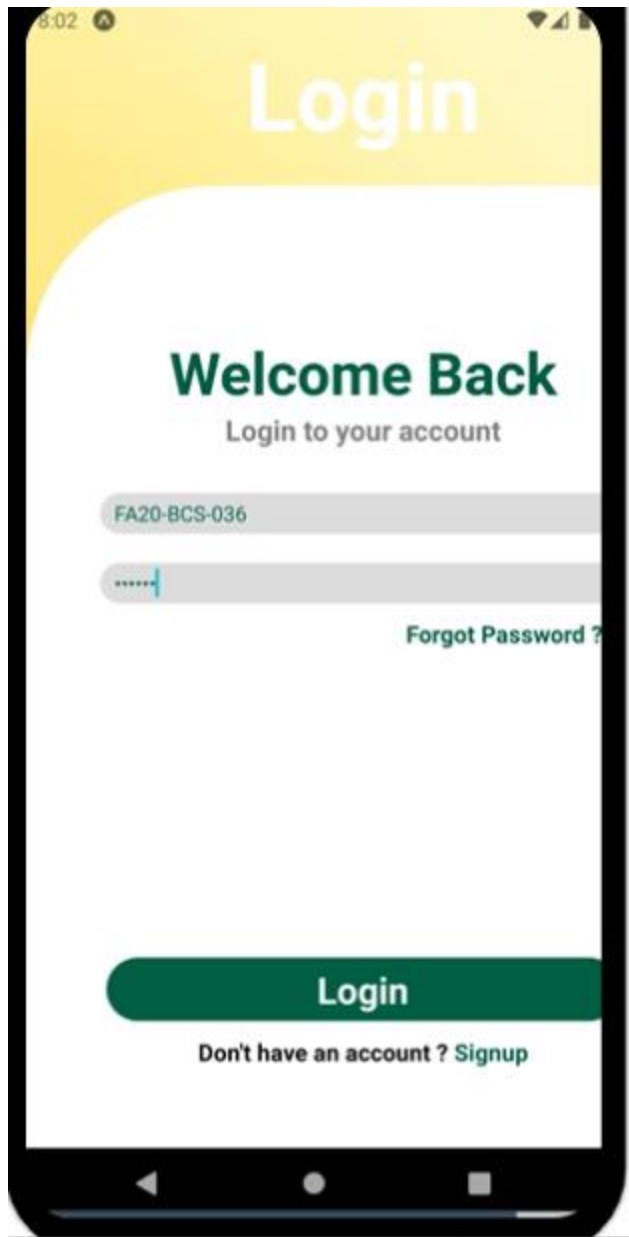
123456789

Signup

Already have an account ? [Login](#)

- Following is the way when we click Login button screen change





When you click on Login button it can generate an alert message

