**Assignment 3**

**Name: Ayesha Siddiqua**

**Registration Number: FA20-BCS-072**

**Subject: Mobile Application Development**

**Submitted To: Mr. Muhammad Kamran**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Code:**

import React, { useState } from 'react';

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

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

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

const Stack = createStackNavigator();

export default function App() {

return (

<NavigationContainer>

<Stack.Navigator initialRouteName="SignUp">

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

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

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

</Stack.Navigator>

</NavigationContainer>

);

}

function SignUpPage({ navigation }) {

return (

<View style={styles.container}>

<Text style={{ color: 'blue', fontSize: 40, fontWeight: 'bold', marginBottom: 10, marginRight: 210 }}>Sign Up</Text>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 30, marginTop: 30 }]}

placeholder="First Name"

/>

<TextInput

style={[styles.textInput, { marginLeft: 0, marginTop: 30 }]}

placeholder="Last Name"

/>

</View>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 30 }]}

placeholder="Email"

/>

<TextInput

style={[styles.textInput, { marginRight: 0 }]}

placeholder="Repeat Email"

/>

</View>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 30, marginTop: 10 }]}

placeholder="Password"

/>

<TextInput

style={[styles.textInput, { marginRight: 0, marginTop: 10 }]}

placeholder="Repeat Password"

secureTextEntry={true}

/>

</View>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 30 }]}

placeholder="Gender"

/>

<TextInput

style={[styles.textInput, { marginLeft: 10 }]}

placeholder="Age"

/>

</View>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 50 }]}

placeholder="Country"

/>

<TextInput

style={[styles.textInput, { marginRight: 10 }]}

placeholder="City"

/>

</View>

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

<Text style={styles.buttonText}>Signup</Text>

</TouchableOpacity>

<TouchableOpacity>

<Text style={styles.privacyPolicy}>Privacy Policy</Text>

</TouchableOpacity>

</View>

);

}

function LogInPage({ navigation }) {

return (

<View style={styles.container}>

<Text style={{ color: 'blue', fontSize: 40, fontWeight: 'bold', marginBottom: 10, marginRight: 225 }}>Log In</Text>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 30, marginTop: 30 }]}

placeholder="First Name"

/>

<TextInput

style={[styles.textInput, { marginLeft: 0, marginTop: 30 }]}

placeholder="Last Name"

/>

</View>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 30, marginBottom: 50 }]}

placeholder="Email"

/>

<TextInput

style={[styles.textInput, { marginRight: 0, marginBottom: 50 }]}

placeholder="Repeat Email"

secureTextEntry={true}

/>

</View>

<View style={styles.inputRow}>

<TextInput

style={[styles.textInput, { marginRight: 30 }]}

placeholder="Password"

secureTextEntry={true}

/>

<TextInput

style={[styles.textInput, { marginRight: 0 }]}

placeholder="Repeat Password"

secureTextEntry={true}

/>

</View>

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

<Text style={styles.buttonText}>Log In</Text>

</TouchableOpacity>

<TouchableOpacity>

<Text style={styles.privacyPolicy}>Privacy Policy</Text>

</TouchableOpacity>

</View>

);

}

function ProfilePage() {

return (

<View style={styles.container}>

<Text style={[styles.title, { color: '#ccc' }]}>Profile</Text>

<View style={styles.profileImage}>

<Text style={styles.addPhoto}>Add Photo</Text>

</View>

<Text style={{fontSize: 24, fontWeight: 'bold', margin:5}}>Ayesha</Text>

<Text style={{fontSize: 24, fontWeight: 'bold', [margin:5}}>Siddiqua@gmail.com</Text](mailto:margin:5}}>Siddiqua@gmail.com</Text)>

<Text style={{fontSize: 24, fontWeight: 'bold', margin:5}}>20</Text>

<Text style={{fontSize: 24, fontWeight: 'bold', margin:5}}>Female</Text>

<Text style={{fontSize: 24, fontWeight: 'bold', margin:5}}>Pakistan</Text>

<Text style={{fontSize: 24, fontWeight: 'bold', margin:5}}>Lahore</Text>

</View>

);

}

const styles = StyleSheet.create({

container: {

flex: 1,

alignItems: 'center',

justifyContent: 'space-between',

padding: 20,

},

title: {

fontSize: 40,

fontWeight: 'bold',

color: '#555',

textShadowColor: '#ddd',

textShadowOffset: { width: 1, height: 1 },

textShadowRadius: 1,

marginTop: 20,

alignSelf: 'flex-start',

},

textInput: {

flex: 1,

height: 50,

borderRadius: 25,

borderWidth: 1,

borderColor: '#ccc',

backgroundColor: 'white',

padding: 10,

marginBottom: 10,

shadowColor: '#000',

shadowOffset: {

width: 0,

height: 2,

},

shadowOpacity: 0.25,

shadowRadius: 3.84,

elevation: 5,

},

button: {

height: 50,

width: '60%',

borderRadius: 25,

backgroundColor: 'blue',

alignItems: 'center',

justifyContent: 'center',

marginBottom: 20,

},

buttonText: {

color: '#fff',

fontSize: 18,

fontWeight: 'bold',

},

privacyPolicy: {

color: 'blue',

textDecorationLine: 'underline',

},

inputRow: {

flexDirection: 'row',

width: '100%',

justifyContent: 'space-between',

flexWrap: 'wrap',

marginTop: 15,

marginBottom: 15,

},

profileImage: {

width: 150,

height: 150,

borderRadius: 75,

backgroundColor: '#ccc',

alignItems: 'center',

justifyContent: 'center',

marginBottom: 20,

},

addPhoto: {

color: 'blue',

fontSize: 18,

},

});

**Output:**





