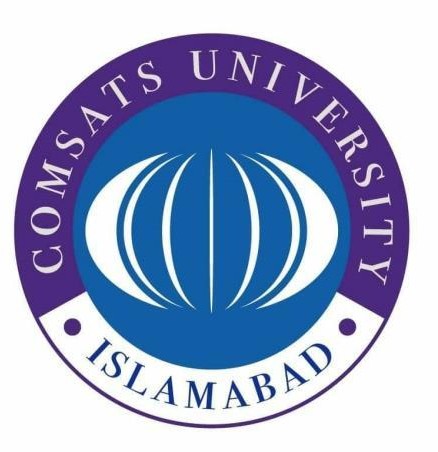
**Assignment No 04**



**Name: Furqan Ahmed**

**Reg No: Sp20-bcs-052**

**Submitted To: Muhammad Kamran**

**Date: 12-06-2023**

import React, {useState} from 'react';

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

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

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

const Stack=createStackNavigator();

const SignupScreen = ({navigation}) => {

const [username, setUsername] = useState('');

const [password, setPassword] = useState('');

const handleSignup = () => {

const userInfo = {

username,

password

};

localStorage.setItem('userInfo', JSON.stringify(userInfo));

navigation.navigate('Login');

};

return (

<View style={styles.container}>

<TextInput

style={styles.input}

placeholder="Username"

onChangeText={text => setUsername(text)}

value={username}

/>

<TextInput

style={styles.input}

placeholder="Password"

secureTextEntry

onChangeText={text => setPassword(text)}

value={password}

/>

<Button title="Sign Up" onPress={handleSignup} />

</View>

);

};

const LoginScreen = ({ navigation }) => {

const [username, setUsername] = useState('');

const [password, setPassword] = useState('');

const handleLogin = () => {

const storedUserInfo = localStorage.getItem('userInfo');

if (storedUserInfo) {

const userInfo = JSON.parse(storedUserInfo);

if (userInfo.username === username && userInfo.password === password) {

navigation.navigate('Profile');

} else {

alert('Invalid username or password');

}

} else {

alert('User not found. Please sign up first.');

}

};

return (

<View style={styles.container}>

<TextInput

style={styles.input}

placeholder="Username"

onChangeText={text => setUsername(text)}

value={username}

/>

<TextInput

style={styles.input}

placeholder="Password"

secureTextEntry

onChangeText={text => setPassword(text)}

value={password}

/>

<Button title="Login" onPress={handleLogin} />

</View>

);

};

const ProfileScreen = () => {

return (

<View style={styles.container}>

<Text style={styles.text}>Profile Screen</Text>

</View>

);

};

const styles = StyleSheet.create({

container: {

flex: 1,

justifyContent: 'center',

padding: 16,

},

input: {

height: 40,

borderColor: 'gray',

borderWidth: 1,

marginBottom: 16,

paddingHorizontal: 8,

},

text: {

fontSize: 24,

fontWeight: 'bold',

textAlign: 'center',

},

});

export default function App() {

return (

<NavigationContainer>

<Stack.Navigator initialRouteName="Signup">

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

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

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

</Stack.Navigator>

</NavigationContainer>

);

}