



Assignment 03

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Subject: Mobile Applications and Development

```
import React, { useState } from 'react';
import { NavigationContainer } from '@react-navigation/native';
import { createStackNavigator } from '@react-navigation/stack';
import {
  View,
  Text,
  TextInput,
  TouchableOpacity,
  Image,
  ScrollView,
  StyleSheet,
  Alert,
} from 'react-native';
```

```
// Stack Navigator
```

```
const Stack = createStackNavigator();
```

```
const 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>
);
};
```

// Signup Screen

```
const SignupScreen = ({ navigation }) => {
  const [email, setEmail] = useState("");
  const [username, setUsername] = useState("");
  const [password, setPassword] = useState("");
  const [phone, setPhone] = useState("");

  const validateSignup = () => {
    const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    const usernameRegex = /^[a-zA-Z]+$/;
    const phoneRegex = /^\+92-3\d{2}-\d{7}$/;

    if (!emailRegex.test(email)) {
      Alert.alert('Invalid Email', 'Please enter a valid email address.');
```

return;

```
    }
    if (!usernameRegex.test(username)) {
      Alert.alert('Invalid Username', 'Username should contain alphabets only.');
```

return;

```

    }
    if (password.length < 6) {
        Alert.alert('Invalid Password', 'Password must be at least 6 characters long.');
```

return;

```

    }
    if (!phoneRegex.test(phone)) {
        Alert.alert('Invalid Phone', 'Phone number must match +92-3xx-xxxxxxx
format.');
```

return;

```

    }

    // Navigate to Login screen
    navigation.navigate('Login');
};

return (
    <View style={styles.container}>
        <Text style={styles.title}>Signup</Text>
        <TextInput
            placeholder="Email"
            style={styles.input}
            value={email}
            onChangeText={setEmail}
        />
        <TextInput
```

```
        placeholder="Username"
        style={styles.input}
        value={username}
        onChangeText={setUsername}
    />
    <TextInput
        placeholder="Password"
        secureTextEntry
        style={styles.input}
        value={password}
        onChangeText={setPassword}
    />
    <TextInput
        placeholder="Phone (+92-3xx-xxxxxxx)"
        style={styles.input}
        value={phone}
        onChangeText={setPhone}
    />
    <TouchableOpacity style={styles.button} onPress={validateSignup}>
        <Text style={styles.buttonText}>Signup</Text>
    </TouchableOpacity>
</View>
);
};
```

// Login Screen

```
const LoginScreen = ({ navigation }) => {  
  const [email, setEmail] = useState("");  
  const [password, setPassword] = useState("");
```

```
  const validateLogin = () => {  
    if (email === "" || password === "") {  
      Alert.alert('Error', 'Please fill in all fields.');
```

```
    return;  
  }  
  
  // Navigate to Profile screen  
  navigation.navigate('Profile');
```

```
};  
  
return (  
  <View style={styles.container}>  
    <Text style={styles.title}>Login</Text>  
    <TextInput  
      placeholder="Email"  
      style={styles.input}  
      value={email}  
      onChangeText={setEmail}
```

```
    />
    <TextInput
      placeholder="Password"
      secureTextEntry
      style={styles.input}
      value={password}
      onChangeText={setPassword}
    />
    <TouchableOpacity style={styles.button} onPress={validateLogin}>
      <Text style={styles.buttonText}>Login</Text>
    </TouchableOpacity>
  </View>
);
};
```

// Profile Screen

```
const ProfileScreen = () => {
  return (
    <ScrollView style={styles.container}>
      {/* Header Section */}
      <View style={styles.header}>
        <Text style={styles.headerText}>My Profile</Text>
      </View>
    </ScrollView>
  );
};
```

```
{/* Profile Card Section */}

<View style={styles.profileCard}>
  <View style={styles.profileInfo}>
    <Image
      style={styles.profileImage}
      source={{ uri: 'file:///C:/Users/afsuu/Desktop/PIC.jfif' }}
    />
    <View>
      <Text style={styles.profileName}>Rimsha aqeel </Text>
    </View>
  </View>
  <View style={styles.statsContainer}>
    <View style={styles.statsItem}>
      <Text style={styles.statValue}>14,8500</Text>
      <Text style={styles.statLabel}>Product Sells</Text>
    </View>
    <View style={styles.statsItem}>
      <Text style={styles.statValue}>30bil+</Text>
      <Text style={styles.statLabel}>Earning</Text>
    </View>
  </View>
</View>

{/* Recent Orders Section */}
```



```
<View style={styles.recentOrdersHeader}>
  <Text style={styles.sectionTitle}>Recent Orders</Text>
  <TouchableOpacity>
    <Text style={styles.seeAllText}>See All</Text>
  </TouchableOpacity>
</View>
```

```
{/* Order List */}
```

```
<View style={styles.orderList}>
  <OrderItem
    imageUri="https://tse2.mm.bing.net/th?id=OIP.Z34VvdCT6bEordzT-
7HgqwHaF-&pid=Api&P=0&h=220"
    description="Beef Burger, Ice Cream, Berries"
    date="21, Thu 10.00"
    price="$38.15"
  />
  <OrderItem
    imageUri="https://thumbs.dreamstime.com/z/classic-american-burger-
juicy-beef-patty-melted-cheese-fresh-veggies-toasted-bun-gourmet-photo-
indulge-your-cravings-287157925.jpg"
    description="Beef Burger, Peparini Moo, Cheese Bust"
    date="15, Fri 18.00"
    price="$38.15"
  />
  <OrderItem
```

```
    imageUri="https://tse3.mm.bing.net/th?id=OIP.qDbLktOyB4hJ_D-MK0oxjAHaJQ&pid=Api&P=0&h=220"
```

```
    description="Beef Burger, Ketchup, French Fries"
```

```
    date="11, Mon 10.30"
```

```
    price="$30.50"
```

```
  />
```

```
</View>
```

```
</ScrollView>
```

```
);
```

```
};
```

```
// Order Item Component
```

```
const OrderItem = ({ imageUri, description, date, price }) => (
```

```
  <View style={styles.orderItem}>
```

```
    <Image source={{ uri: imageUri }} style={styles.orderImage} />
```

```
    <View style={styles.orderDetails}>
```

```
      <Text style={styles.orderDescription}>{description}</Text>
```

```
      <Text style={styles.orderDate}>{date}</Text>
```

```
    </View>
```

```
    <Text style={styles.orderPrice}>{price}</Text>
```

```
  </View>
```

```
);
```

```
// Styles
```

```
const styles = StyleSheet.create({
```

```
container: {  
  flex: 1,  
  backgroundColor: '#f5f5f5',  
  paddingHorizontal: 20,  
},  
title: {  
  fontSize: 24,  
  fontWeight: 'bold',  
  marginBottom: 20,  
  textAlign: 'center',  
},  
input: {  
  borderWidth: 1,  
  borderColor: '#ddd',  
  padding: 10,  
  marginBottom: 15,  
  borderRadius: 5,  
  backgroundColor: '#fff',  
},  
button: {  
  backgroundColor: '#ff6347',  
  padding: 15,  
  borderRadius: 5,  
},
```

```
buttonText: {
  color: '#fff',
  fontSize: 16,
  textAlign: 'center',
},
header: {
  flexDirection: 'row',
  justifyContent: 'space-between',
  alignItems: 'center',
  marginVertical: 20,
},
headerText: {
  fontSize: 24,
  fontWeight: 'bold',
},
profileCard: {
  backgroundColor: '#f9f1e8',
  padding: 20,
  borderRadius: 15,
  marginBottom: 20,
},
profileInfo: {
  flexDirection: 'row',
  alignItems: 'center',
```

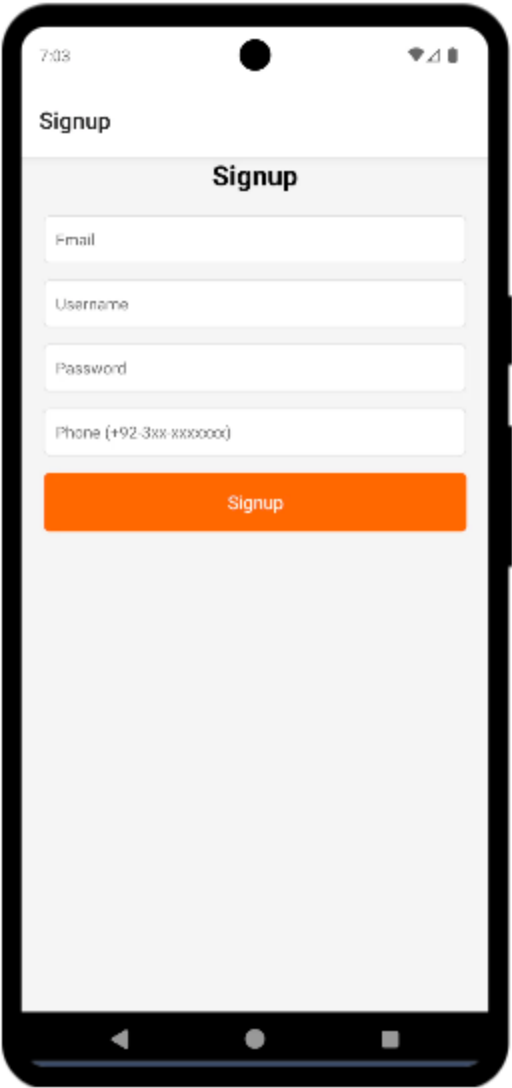
```
    marginBottom: 15,
  },
  profileImage: {
    width: 60,
    height: 60,
    borderRadius: 30,
    marginRight: 15,
  },
  profileName: {
    fontSize: 18,
    fontWeight: 'bold',
  },
  statsContainer: {
    flexDirection: 'row',
    justifyContent: 'space-around',
    marginTop: 10,
  },
  statsItem: {
    alignItems: 'center',
  },
  statValue: {
    fontSize: 18,
    fontWeight: 'bold',
  },
}
```

```
statLabel: {
  fontSize: 14,
  color: '#666',
},
recentOrdersHeader: {
  flexDirection: 'row',
  justifyContent: 'space-between',
  alignItems: 'center',
  marginBottom: 15,
},
sectionTitle: {
  fontSize: 20,
  fontWeight: 'bold',
},
seeAllText: {
  color: '#ff6347',
},
orderList: {
  backgroundColor: '#fff',
  borderRadius: 15,
  padding: 15,
},
orderItem: {
  flexDirection: 'row',
```

```
    alignItems: 'center',
    marginBottom: 15,
    backgroundColor: '#1e1e1e',
    padding: 10,
    borderRadius: 10,
  },
  orderImage: {
    width: 50,
    height: 50,
    borderRadius: 10,
    marginRight: 15,
  },
  orderDetails: {
    flex: 1,
  },
  orderDescription: {
    fontSize: 16,
    fontWeight: 'bold',
    color: 'fff',
  },
  orderDate: {
    fontSize: 14,
    color: 'bbb',
  },
```

```
orderPrice: {  
  fontSize: 16,  
  fontWeight: 'bold',  
  color: '#fff',  
},  
});
```

```
export default App;
```

← Login

Login

Login

