Assignment # 03

Mobile Application development

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Code

App.js

```jsx
import React from 'react';
import { StyleSheet, View, Text, ScrollView, Image } from 'react-native';
import { Avatar, IconButton, Button, Card } from 'react-native-paper';

const ProfileScreen = () => {
  return (
    <ScrollView style={styles.container}>
      {/* Header */}
      <View style={styles.header}>
        <Text style={styles.title}>Restaurant Overview</Text>
        <IconButton icon="account-settings" size={28} onPress={() => {}} />
      </View>

      {/* Profile Information */}
      <Card style={styles.infoCard}>
        <Card.Content style={styles.infoCardContent}>
          <Avatar.Image
            size={80}
            source={{ uri:
```

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qpdGn0pxMqfZUkNU+YpgMnrEusjHKmBHhmUrpZiJrRdouxdoiJIR2QcTpcj3kPoh9GpofaJ
lS+IpvshUjsPYSIU6DMbKpMvwwZMrqCsiU4xXLDU/hdmO6q4RfA5/c3NN4POv4jr8CvLxBL
iCsepnTacWQfMYd+Zq49Dp8fNWIa1GbvhFZ1jqhqqUICoewlnzIw6Q2Ghivi5MTq1KNb+fS
WYZ1JGTn0bxS+hGlX88Hg+D4MPfQjy7Oaw3F+4/kSlqo/wDZGp4fkfwMT+ZKiZqtHS8KwSD
VMzrOJXkNnHhUgnUe3wWzjqiQcGXEGyBoWIg2CGpPwDIbIaDl7wbBDIwE6xbDhiYDkAEQxc
sqQDCpxK8sjkQS3CcoX2A2eL3xHJJC2zhEOwLAuf4kk+wCpdoVWcnQvtbzOD3IUo8iYsuj0
jNJoGxMzKuStMeEQAG5EDpi32Z7qtGzXmjglaos43wIiPGnpxxOlyPeQ+iH0a3RUGZRb9mV
MOjy551BFHJNR7Hl0dNPqqG/vxPT6PwTHj9WR2yu8uSfEEDrdaVcUlHuZtR2Y1UUFHRSlzN
lXqeou33MfbtAlnLmPTQh0hKpWiXlHbBSrXiXlJ2FbqyGFjmAsrTtAzxqaplNVpleMqeRLu
PV32ZmTQe8QH+Kb7Tn+9oWTKpRoHBhcJ3RwtK6Zos9uhWQc3TiCYEhkEgsgkkpF4LZwQmDZ
BNB5gtnDFN4DYDDJBsFh0guQLDBot5AWGQxMpNgMKpEHaA2SV4ykhbYQDiTYu+CfE6+Qasj
UqeIdnJL3Fy1rkw0wnGwSsTgQkyGkhhKOIaFtlOgmEz1LL7prYEoZkImWglViQtOAyGV3VK
NwZZwSphY3TKKXyzZ6ccXHROmbyGbjxNPQ6JZfVLoq6jPt4Rf6vV/LXanM3YwhiVRRXw4Xk
dyM/W1TMbsSYEslmpDFGK4QJ60TLIEoAWrxLyBKABqsW8h1AajwHOyKE6rzrBaEqzRsWAxV
41MWwLGMQLOAwwSV51kBN3iDZxMNBOOwWzgggWQFppAciGHQ2i3IBhVaLciAqmDywwWFR51A
MKjGRwAwwHEhyFhQeJFgNEib/iSgeEdseTCRHfQQRotitVLt6SENTpDKUgBC3CW22FSwGZP
mJBbGzPrMdnpi26a8p5kKmi5QykxIRTBZDB6tbiFjdMhGb1C2YzTg7RZi+CKC5A8wkrdBNm
06Wm2njxPWaSKjjRk5Hcyo6lVyZGWRqYI8FazSq5FqgLtFOYVC7PFORNEC8S5AtAajzlIEW
qtGJgMUqmPiLYu5j4i2CIjECctCsgmJBBNBBbICKsByICCLcjgiwG2QTEGgWEVoLBZMNIBY
RILZDDIZFgMYQQQGwyiQAw6CFQpnRJSJqwii/MJA9dHSbCRKdEqFsEPa8FT+Qbh8wyqTzDU
G+yOF0F+QI9YQlZ//2Q==' }} <em>// Example avatar</em>

```jsx
          />
          <View style={styles.infoDetails}>
            <Text style={styles.restaurantName}>New Town Hotel</Text>
            <Text style={styles.restaurantLocation}>Downtown, City
Center</Text>
            <View style={styles.statsRow}>
              <View style={styles.stat}>
                <Text style={styles.statValue}>4.5</Text>
                <Text style={styles.statLabel}>Rating</Text>
              </View>
              <View style={styles.stat}>
                <Text style={styles.statValue}>Top 10</Text>
                <Text style={styles.statLabel}>Ranking</Text>
              </View>
            </View>
          </View>
        </Card.Content>
      </Card>

      {/* Recent Orders */}
      <View style={styles.sectionHeader}>
        <Text style={styles.sectionTitle}>Latest Orders</Text>
        <Button mode="contained" onPress={() => {}}>
          View All
        </Button>
      </View>

      {/* Orders List */}
      <View style={styles.orderList}>
        <OrderItem
          item="Grilled Chicken, Naan, Pepsi 250ml"
          date="Nov 29, 8:20 PM"
          price="PKR 750"
        />
        <OrderItem
          item="Beef Steak, Garlic Bread, Coke 500ml"
          date="Nov 28, 7:15 PM"
          price="PKR 1,200"
        />
        <OrderItem
          item="Cheeseburger, Fries, Sprite 330ml"
          date="Nov 27, 9:45 PM"
          price="PKR 650"
        />
      </View>
    </ScrollView>
  );
};
```

```jsx
const OrderItem = ({ item, date, price }) => (
  <Card style={styles.orderCard}>
    <Card.Content style={styles.orderCardContent}>
      <Image
        style={styles.orderImage}
        source={{ uri: 'https://i.imgur.com/lKJiT77.png' }} // Example
image
      />
      <View style={styles.orderDetails}>
        <Text style={styles.orderItem}>{item}</Text>
        <Text style={styles.orderDate}>{date}</Text>
      </View>
      <Text style={styles.orderPrice}>{price}</Text>
    </Card.Content>
  </Card>
);

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#fafafa',
  },
  header: {
    flexDirection: 'row',
    justifyContent: 'space-between',
    alignItems: 'center',
    padding: 20,
    backgroundColor: '#ff7043',
  },
  title: {
    fontSize: 22,
    fontWeight: 'bold',
    color: '#fff',
  },
  infoCard: {
    margin: 15,
    borderRadius: 10,
    backgroundColor: '#ffeeee',
  },
  infoCardContent: {
    flexDirection: 'row',
    alignItems: 'center',
  },
  infoDetails: {
    marginLeft: 15,
    flex: 1,
  },
  restaurantName: {
    fontSize: 20,
```

```
    fontWeight: 'bold',
  },
  restaurantLocation: {
    fontSize: 14,
    color: '#757575',
    marginTop: 5,
  },
  statsRow: {
    flexDirection: 'row',
    marginTop: 10,
  },
  stat: {
    marginRight: 20,
    alignItems: 'center',
  },
  statValue: {
    fontSize: 18,
    fontWeight: 'bold',
    color: '#ff5722',
  },
  statLabel: {
    fontSize: 12,
    color: '#757575',
  },
  sectionHeader: {
    flexDirection: 'row',
    justifyContent: 'space-between',
    alignItems: 'center',
    paddingHorizontal: 15,
    paddingVertical: 10,
    backgroundColor: '#ffeeee',
  },
  sectionTitle: {
    fontSize: 18,
    fontWeight: 'bold',
  },
  orderList: {
    paddingHorizontal: 15,
  },
  orderCard: {
    marginVertical: 8,
    borderRadius: 10,
    backgroundColor: '#ffe0b2',
  },
  orderCardContent: {
    flexDirection: 'row',
    alignItems: 'center',
  },
```

```
  orderImage: {
    width: 50,
    height: 50,
    borderRadius: 25,
  },
  orderDetails: {
    marginLeft: 15,
    flex: 1,
  },
  orderItem: {
    fontSize: 14,
    fontWeight: 'bold',
  },
  orderDate: {
    fontSize: 12,
    color: '#757575',
    marginTop: 5,
  },
  orderPrice: {
    fontSize: 16,
    fontWeight: 'bold',
    color: '#ff5722',
  },
});

export default ProfileScreen;
```

SignUpScreen.js

```
import React from 'react';
import { View, Text, TextInput, StyleSheet, Button } from 'react-
native';
import { useForm, Controller } from 'react-hook-form';

const SignupScreen = ({ navigation }) => {
  const { control, handleSubmit, formState: { errors } } = useForm();

  const onSignup = (data) => {
    console.log(data);
    navigation.navigate('Login');
  };

  return (
    <View style={styles.container}>
      <Text style={styles.header}>Signup</Text>

      <Controller
        control={control}
```

```jsx
        name="email"
        rules={{ required: 'Email is required' }}
        render={({ field: { onChange, onBlur, value } }) => (
          <TextInput
            style={styles.input}
            placeholder="Email"
            onBlur={onBlur}
            onChangeText={onChange}
            value={value}
          />
        )}
      />
      {errors.email && <Text
style={styles.error}>{errors.email.message}</Text>}

      <Controller
        control={control}
        name="password"
        rules={{ required: 'Password is required' }}
        render={({ field: { onChange, onBlur, value } }) => (
          <TextInput
            style={styles.input}
            placeholder="Password"
            secureTextEntry
            onBlur={onBlur}
            onChangeText={onChange}
            value={value}
          />
        )}
      />
      {errors.password && <Text
style={styles.error}>{errors.password.message}</Text>}

      <Button title="Signup" onPress={handleSubmit(onSignup)} />
      <Text style={styles.link} onPress={() =>
navigation.navigate('Login')}>
        Already have an account? Login
      </Text>
    </View>
  );
};

const styles = StyleSheet.create({
  container: { flex: 1, justifyContent: 'center', padding: 20 },
  header: { fontSize: 24, fontWeight: 'bold', textAlign: 'center',
marginBottom: 20 },
  input: { borderWidth: 1, borderColor: '#ccc', padding: 10,
borderRadius: 5, marginBottom: 10 },
  error: { color: 'red', marginBottom: 10 },
```

```
  link: { color: 'blue', textAlign: 'center', marginTop: 10 },
});

export default SignupScreen;
```

ProfileScreen.js

```
import React from 'react';
import { StyleSheet, View, Text, ScrollView, Image } from 'react-
native';
import { Avatar, IconButton, Button, Card } from 'react-native-paper';

const ProfileScreen = () => {
  return (
    <ScrollView style={styles.container}>
      {/* Header */}
      <View style={styles.headerContainer}>
        <Text style={styles.headerText}>Restraunt Profile</Text>
        <IconButton icon="cog-outline" size={24} onPress={() => {}} />
      </View>

      {/* Profile Info */}
      <Card style={styles.profileCard}>
        <Card.Content style={styles.profileCardContent}>
          <Avatar.Image
            size={64}
            source={{ uri: 'https://i.imgur.com/UPrs1EW.png' }} //
Example avatar URL
          />
          <View style={styles.profileDetails}>
            <Text style={styles.profileName}>New Town Hotels</Text>
            <View style={styles.statsContainer}>
              <View style={styles.statItem}>
                <Text style={styles.statText}> 4.5</Text>
                <Text style={styles.statLabel}> Rating </Text>
              </View>
              <View style={styles.statItem}>
                <Text style={styles.statText}>Top 10</Text>
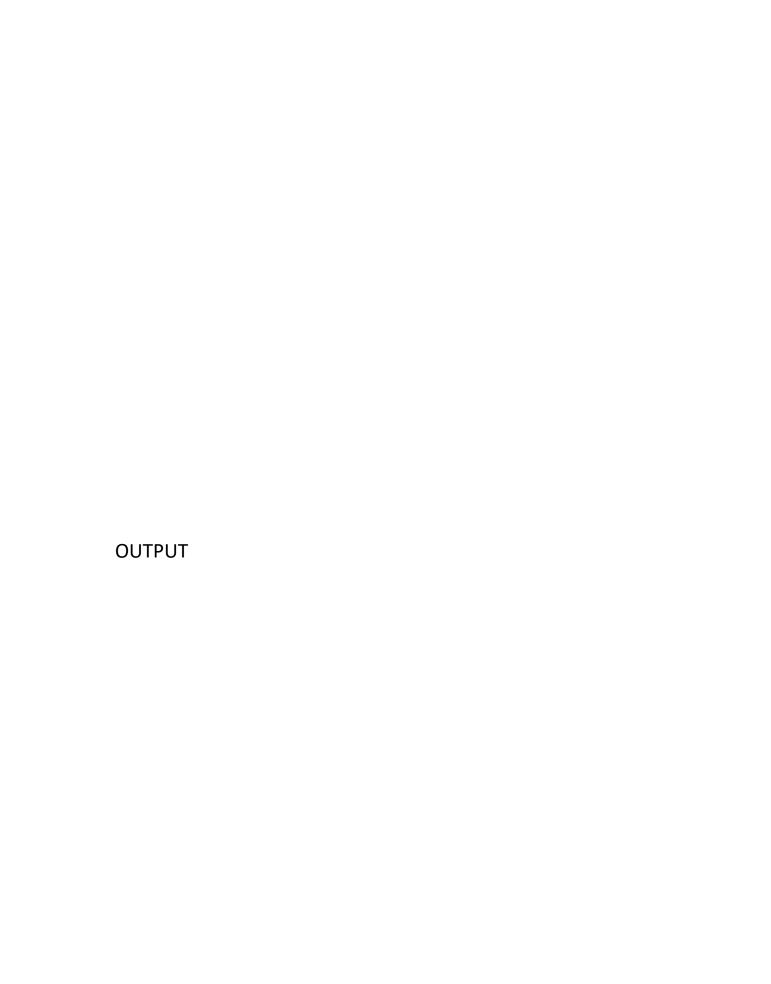                <Text style={styles.statLabel}>Ranking</Text>
              </View>
            </View>
          </View>
        </Card.Content>
      </Card>

      {/* Recent Orders */}
      <View style={styles.recentOrdersHeader}>
        <Text style={styles.recentOrdersText}>Recent Orders</Text>
```

```jsx
        <Button uppercase={false} mode="text" onPress={() => {}}>
          See All
        </Button>
      </View>

      {/* Orders List */}
      <View style={styles.orderList}>
        <OrderItem
          item="Beef Boti Roll, Tandoori Chicken, 7up 250ml"
          date="24 Oct 10:16pm"
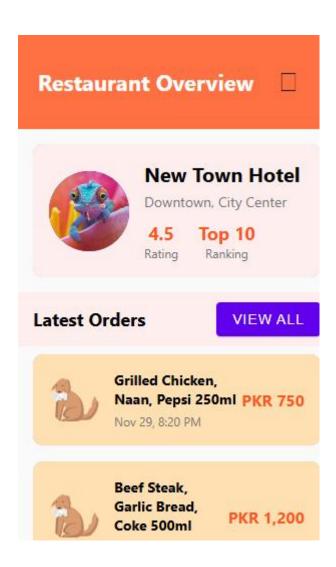          price="PKR 675"
        />
        <OrderItem
          item="Chicken Cheese Paratha, Plain Sandwitch, Cola Next
250ml"
          date="23 Oct 11:10pm"
          price="PKR 450"
        />
        <OrderItem
          item="Chicken Burger, French Fries, Sprite Mint 500ml"
          date="22 Oct 9:56pm"
          price="PKR 300"
        />
      </View>
    </ScrollView>
  );
};

const OrderItem = ({ item, date, price }) => (
  <Card style={styles.orderCard}>
    <Card.Content style={styles.orderCardContent}>
      <Image
        style={styles.orderImage}
        source={{ uri: 'https://i.imgur.com/lKJiT77.png' }} // Example
image
      />
      <View style={styles.orderDetails}>
        <Text style={styles.orderText}>{item}</Text>
        <Text style={styles.orderDate}>{date}</Text>
      </View>
      <Text style={styles.orderPrice}>{price}</Text>
    </Card.Content>
  </Card>
);

const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#f8f8f8',
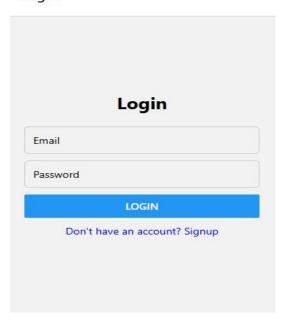```

```
  },
  headerContainer: {
    flexDirection: 'row',
    justifyContent: 'space-between',
    alignItems: 'center',
    padding: 20,
    backgroundColor: '#1ecfd8',
  },
  headerText: {
    fontSize: 24,
    fontWeight: 'bold',
  },
  profileCard: {
    backgroundColor: '#00f2ff',
    borderRadius: 12,
    margin: 15,
  },
  profileCardContent: {
    flexDirection: 'row',
    alignItems: 'center',
  },
  profileDetails: {
    marginLeft: 15,
  },
  profileName: {
    fontSize: 18,
    fontWeight: 'bold',
  },
  statsContainer: {
    flexDirection: 'row',
    marginTop: 10,
  },
  statItem: {
    marginRight: 20,
  },
  statText: {
    fontSize: 16,
    fontWeight: 'bold',
  },
  statLabel: {
    fontSize: 12,
    color: '#b2b2b2',
  },
  recentOrdersHeader: {
    flexDirection: 'row',
    justifyContent: 'space-between',
    alignItems: 'center',
    padding: 15,
```

```
  },
  recentOrdersText: {
    fontSize: 18,
    fontWeight: 'bold',
  },
  orderList: {
    paddingHorizontal: 15,
  },
  orderCard: {
    backgroundColor: '#0b74a5',
    borderRadius: 15,
    marginVertical: 10,
  },
  orderCardContent: {
    flexDirection: 'row',
    alignItems: 'center',
  },
  orderImage: {
    width: 50,
    height: 50,
    borderRadius: 25,
  },
  orderDetails: {
    flex: 1,
    marginLeft: 15,
  },
  orderText: {
    color: '#fff',
    fontSize: 14,
  },
  orderDate: {
    color: '#b2b2b2',
    fontSize: 12,
    marginTop: 5,
  },
  orderPrice: {
    color: '#fff',
    fontSize: 16,
    fontWeight: 'bold',
  },
});

export default ProfileScreen;
```

Restaurant Overview

New Town Hotel
Downtown, City Center

4.5 **Top 10**
Rating Ranking

Latest Orders **VIEW ALL**

Grilled Chicken, Naan, Pepsi 250ml **PKR 750**
Nov 29, 8:20 PM

Beef Steak, Garlic Bread, Coke 500ml **PKR 1,200**

Login

Login

Email

Password

LOGIN

Don't have an account? Signup

Login

Login

Mark@123

Password

Password is required

LOGIN

Don't have an account? Signup

Signup

Signup

Email

Password

SIGNUP

Already have an account? Login

Signup

Maark@123

Password

Password is required

SIGNUP

Already have an account? Login

Signup

Email

Email is required

....

SIGNUP

Already have an account? Login