Assignment # 03

Mobile Application development

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Code

App.js

```javascript
import React from 'react';
import { NavigationContainer } from '@react-navigation/native';
import { createStackNavigator } from '@react-navigation/stack';
import LoginScreen from './LoginScreen';
import SignupScreen from './SignupScreen';
import ProfileScreen from './ProfileScreen';

const Stack = createStackNavigator();

export default function App() {
  return (
    <NavigationContainer>
      <Stack.Navigator initialRouteName="Login">
        <Stack.Screen name="Login" component={LoginScreen} />
        <Stack.Screen name="Signup" component={SignupScreen} />
        <Stack.Screen name="Profile" component={ProfileScreen} />
      </Stack.Navigator>
    </NavigationContainer>
  );
}
```

LoginScreen.js

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

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

  const onLogin = (data) => {
    console.log(data);
    navigation.navigate('Profile');
  };

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

      <Controller
        control={control}
        name="email"
```

```jsx
          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="Login" onPress={handleSubmit(onLogin)} />
        <Text style={styles.link} onPress={() =>
navigation.navigate('Signup')}>
          Don't have an account? Signup
        </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 LoginScreen;
```

SignUpScreen.js

```javascript
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}
        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}>
```

```jsx
          <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>
        <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: {
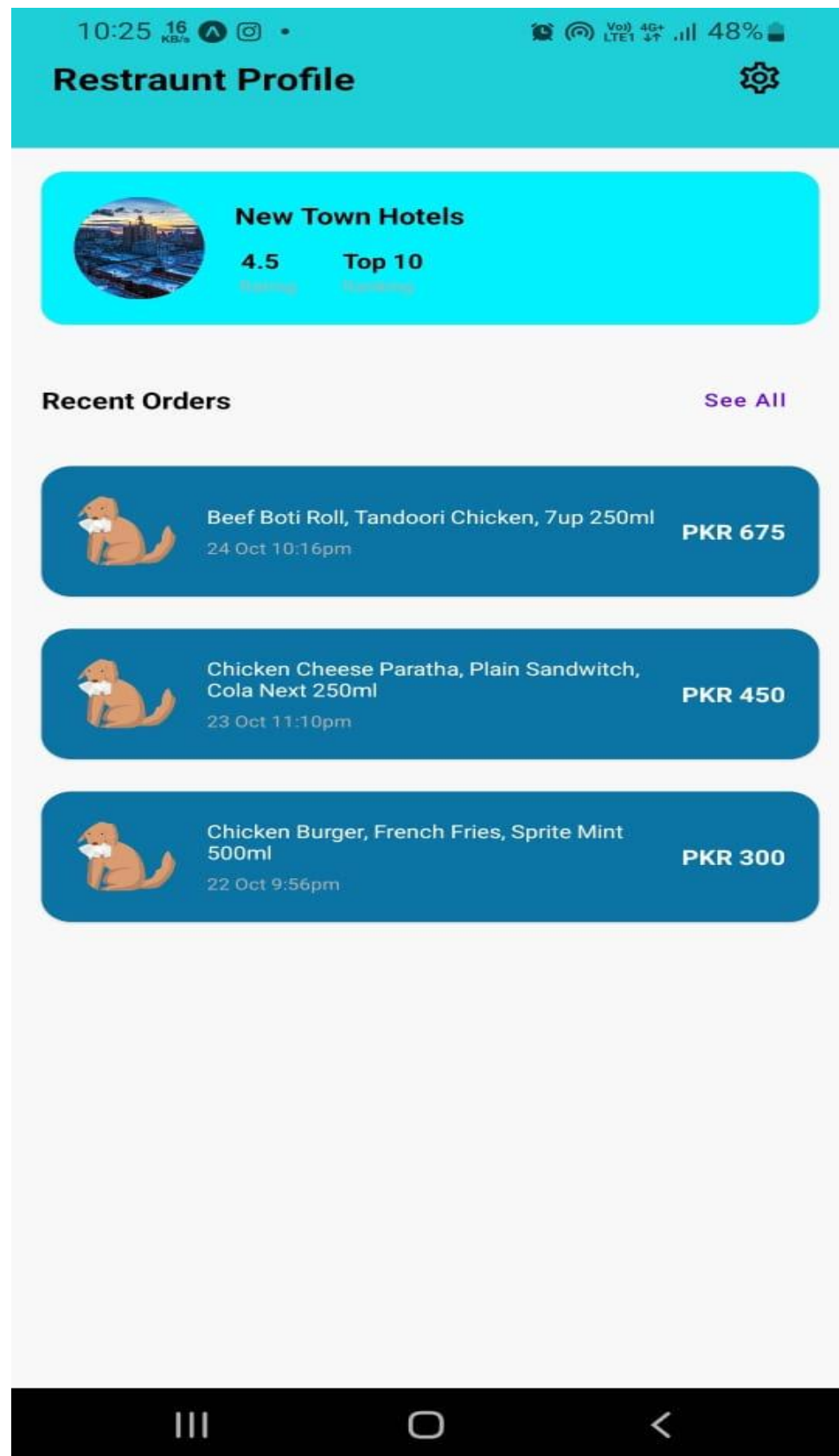```

```
    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;
```

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

Email

Password

SIGNUP

Already have an account? Login

Signup

Maark@123

Password

Password is required

SIGNUP

Already have an account? Login

Signup

Signup

Email

Email is required

....

SIGNUP

Already have an account? Login