GLA University, Mathura – 2020-21

Mini-Project 2

Mid-Term Report

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PROJECT TITLE: "**FoodIt**"

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React Native App
Development

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What do we want to create?

We want to create a user side of food ordering mobile application using react native.

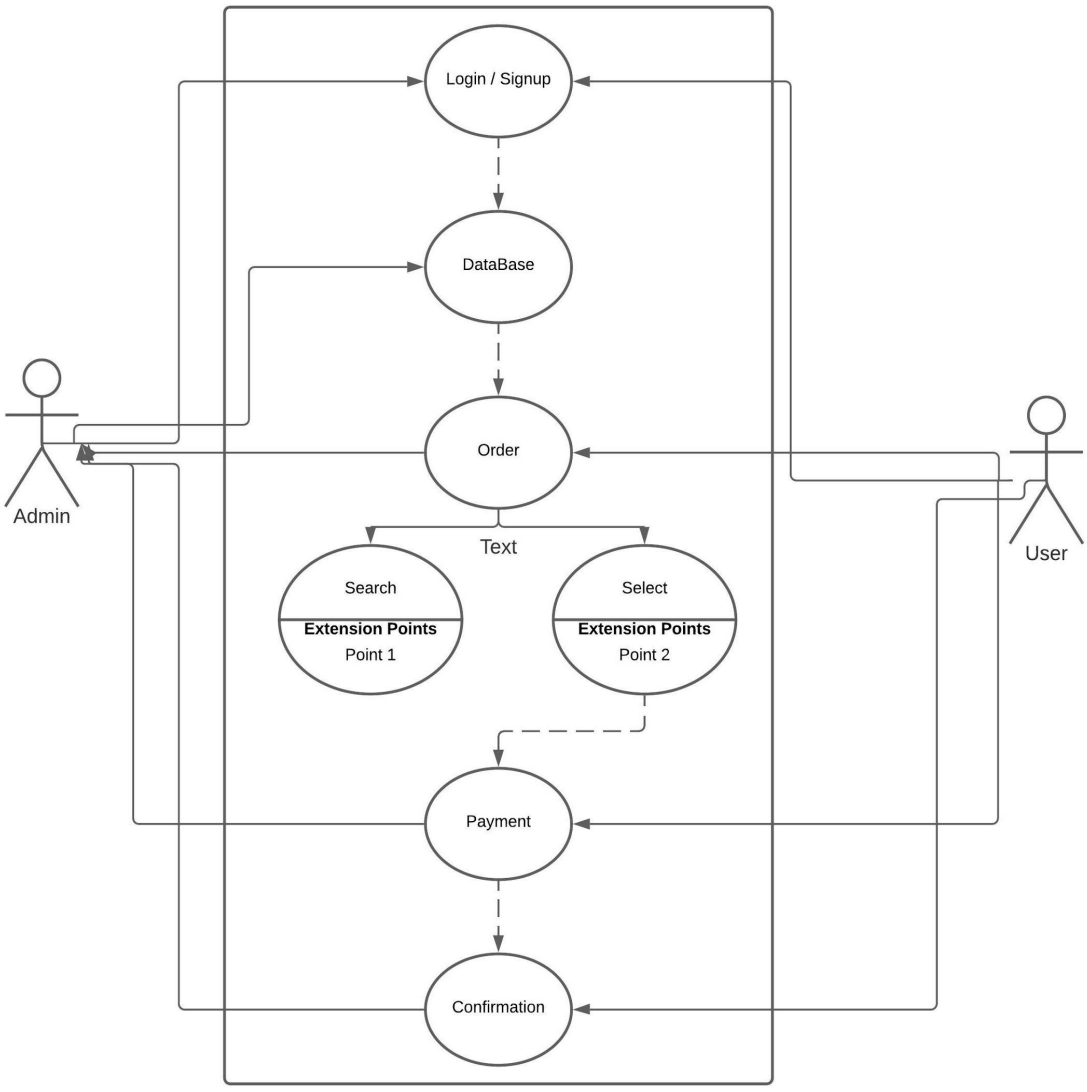
Problem Statement

As we all know that everyone likes to eat food outside but some people don't want to go out and order their food all they want is to get their food order at their home just by ordering through their mobile phones. But here comes the problem that sometimes the person can’t find the exact contact for the desired food hub or the contact number is busy to receive the order. Our food ordering mobile application FoodIt is designed to overcome those problems by giving choices to the user and directly providing them to place their food orders just by using their mobile devices no contacts or busy numbers will be there anymore.

Proposed Solution

We will develop a mobile application to overcome the problem statement mentioned above so that the users can easily login and place their orders. Therefore FoodIt will be developed to provide the users with a variety of restaurants, dhabas or dishes to choose from and to place the order just by using their mobile phone with the help of our application. The food ordering application sets up a food menu and the customers can easily place the order as per they like. Also, the customers can easily track their orders. The management maintains customer’s database, and improves food delivery services.

Use Case Diagram



Project Progress

APP.js File Code:

```
import { Text, View } from 'react-native';


import 'react-native-gesture-handler';


import * as React from 'react';


import
 MaterialCommunityIcons
from 'react-native-vector-icons/MaterialCommunityIcons';


import {
  NavigationContainer
} from '@react-navigation/native';
import {
  createStackNavigator
} from '@react-navigation/stack';
import {
  createBottomTabNavigator
} from '@react-navigation/bottom-tabs';


import SplashScreen from './Screens/SplashScreen';
import HomeScreen from './Screens/HomeScreen';
import SurajDhaba from './Screens/SurajDhaba';
import Spicy from './Screens/Spicy';
```

```
import Loginpage from "./Screens/Loginpage";
import Signup from "./Screens/Signup";


const Stack = createStackNavigator();


function Home() {
  return (
    <Stack.Navigator
        initialRouteName="Home"
        screenOptions={{
          headerStyle: { backgroundColor: '#3944BC' },
          headerTintColor: '#fff',
          headerTitleStyle: { fontWeight: 'bold' }
        }}>
        <Stack.Screen
          name="Home"
          component={HomeScreen}
          options={{ title: 'FoodIt' }}/>
        <Stack.Screen
          name="SurajDhaba"
          component={SurajDhaba}
          options={{ title: 'Suraj Dhaba' }} />
        <Stack.Screen
          name="Spicy"
          component={Spicy}
          options={{ title: 'Spicy Restaurant' }} />
      </Stack.Navigator>
```

```
  );
}


function Search() {
  return (
    <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center'
}}>
      <Text>Search Page</Text>
    </View>
  );
}


function Cart() {
  return (
    <View style={{ flex: 1, justifyContent: 'center', alignItems: 'center'
}}>
      <Text>Cart</Text>
    </View>
  );
}


function Profile() {
  return (
    <Stack.Navigator
        initialRouteName="Profile"
        screenOptions={{
          headerStyle: { backgroundColor: '#3944BC' },
          headerTintColor: '#fff',
```

```
          headerTitleStyle: { fontWeight: 'bold' }
        }}>
        <Stack.Screen
          name="Login"
          component={Loginpage}
          options={{ title: 'Login' }}/>
        <Stack.Screen
          name="Signup"
          component={Signup}
          options={{ title: 'Signup' }}/>
      </Stack.Navigator>
  );
}

const Tab = createBottomTabNavigator();

function MyTabs() {
  return (
    <Tab.Navigator
      initialRouteName="Home"
      tabBarOptions={{
        activeTintColor: '#3944BC',
        style: {
          backgroundColor: '#ffffff'
        }
      }}
    >
```

```
      <Tab.Screen
        name="Home"
        component={Home}
        options={{
          tabBarLabel: 'Home',
          tabBarIcon: ({ color }) => (
            <MaterialCommunityIcons name="home" color={color} size={26} />
          ),
        }}
      />
      <Tab.Screen
        name="Search"
        component={Search}
        options={{
          tabBarLabel: 'Search',
          tabBarIcon: ({ color }) => (
            <MaterialCommunityIcons name="magnify" color={color} size={26}
/>

          ),
        }}
      />
      <Tab.Screen
        name="Cart"
        component={Cart}
        options={{
          tabBarLabel: 'Cart',
          tabBarIcon: ({ color }) => (
```

```
            <MaterialCommunityIcons name="cart" color={color} size={26} />
          ),
        }}
      />
      <Tab.Screen
        name="Profile"
        component={Profile}
        options={{
          tabBarLabel: 'Profile',
          tabBarIcon: ({ color }) => (
            <MaterialCommunityIcons name="account" color={color} size={26}
/>
          ),
        }}
      />
    </Tab.Navigator>
  );
}

export default function App() {
  return (
    <NavigationContainer>
      <MyTabs />
    </NavigationContainer>
  );
}
```

HomeScreen.js Code:

```
import * as React from 'react';
import {
  TouchableOpacity,
  StyleSheet,
  View,
  Text,
  SafeAreaView,
  ScrollView,
  Image
} from 'react-native';


const HomeScreen = ({ navigation }) => {
  return (
    <SafeAreaView style={{ flex: 1 }}>
      <ScrollView>
      <View>
      <Image
          source={{
                                                                    uri:
'https://th.bing.com/th/id/OIP.Y9l3CWSz5B50kLes_LMr0AHaE8?pid=ImgDet&rs=1'
,
          }}
          style={{ marginTop:20, marginLeft:5,
            borderRadius:20,
            width: 350, height: 200}}
        />
```

```
      </View>
      <View style={{ flex: 1, padding: 16 }}>
        <View
          style={{
            flex: 1,
            justifyContent: 'center',
            alignItems: 'center',
          }}>
          <Text
            style={{
              fontSize: 25,
              textAlign: 'center',
              marginBottom: 16
            }}>
            Hungry! FoodIt
          </Text>
        <View>
          <TouchableOpacity
            style={styles.button}
            onPress={
              () => navigation.navigate('SurajDhaba')
            }>
              <View>
              <Image

source={{uri:'https://img.traveltriangle.com/blog/wp-content/tr:w-700,h-400/uploads/2019/08/Masala-Dosa1.jpg',}}
            style={{
```

```
            height:120,
            width:295,
            marginLeft:3,
            borderRadius:20
          }}
        />
        </View>
              <Text  style={{marginTop:5,marginLeft:10,fontSize:20}}>Suraj
Dhaba</Text>
          </TouchableOpacity>
        </View>

          <TouchableOpacity
            style={styles.button}
            onPress={
              () => navigation.navigate('Spicy')
            }>
              <Image
          source={{
            uri:
              'https://i.redd.it/8oxnulzkqza11.jpg',
          }}
          style={{
            height:120,
            width:295,
            marginLeft:3,
            borderRadius:20
```

```
          }}
        />
              <Text style={{marginTop:5,marginLeft:10,fontSize:20}}>Spicy
Restaurant</Text>
          </TouchableOpacity>
        </View>
      </View>
      </ScrollView>
    </SafeAreaView>
  );
}


const styles = StyleSheet.create({
  button: {
    backgroundColor: '#DDDDDD',
    padding: 10,
    width: 320,
    height:170,
    marginTop: 16,
    marginBottom:5,
    borderRadius:20
  },
});
export default HomeScreen;
```

LoginPage.js Code:

```
import * as React from 'react';

import  {SafeAreaView,  View,TouchableOpacity,  Text,  Image,  ScrollView,
TextInput, Header, Button, ImageBackground } from 'react-native';


const App = ({navigation}) => {

  return (

    <SafeAreaView style={{ flex: 1 }}>

    <ScrollView>

      <View>

        <Image

          source={{

                                                                    uri:
'https://pbs.twimg.com/profile_images/530381904235610113/CVDbqftg_400x400.
png',

          }}

            style={{ marginTop:20, marginLeft:30, width: 300, height: 150,
borderRadius:20}}

        />

      </View>

      <TextInput

        style={{

          height: 45,

          width:280,

          borderColor: 'black',

          borderWidth: 2,

          marginLeft: 30,

          marginTop: 70,
```

```
        padding: 10,
        borderRadius:20
      }}
      placeholder= "  Loginid"
    />

    <TextInput
      style={{
        height: 45,
        width:280,
        borderColor: 'black',
        borderWidth: 2,
        marginLeft: 30,
        marginTop: 30,
        padding:10,
        borderRadius:20
      }}
      placeholder= "  Password"
    />
    <View>
    <TouchableOpacity
          style={{alignItems: 'center',
          justifyContent:'center',
          backgroundColor: '#DDDDDD',
          padding: 10,
          width: 280,
          marginTop: 20,
```

```
          marginLeft:30,
          borderRadius:20,
        }}
          onPress={
            () => navigation.navigate('')
          }>
          <Text>Login</Text>
        </TouchableOpacity>
    </View>
    <View style={{justifyContent:'center'}}>
    <TouchableOpacity
          style={{alignItems: 'center',
          justifyContent:'center',
          backgroundColor: '#DDDDDD',
          padding: 10,
          width: 280,
          marginTop: 16,
          marginLeft:30 ,
          borderRadius:20
        }}
          onPress={
            () => navigation.navigate('Signup')
          }>
          <Text>Signup</Text>
        </TouchableOpacity>
    </View>
  </ScrollView>
```

```
    </SafeAreaView>
  );
}


export default App;
```

SignUp.js Page Code:

```
import React from 'react';
import { View, Text,TouchableOpacity, Image, ScrollView, TextInput,
StatusBar, Header, Button, ImageBackground } from 'react-native';


const App = ({navigation}) => {
  return (
    <ScrollView>
      <View>
        <Image
          source={{
                                                                uri:
'https://pbs.twimg.com/profile_images/530381904235610113/CVDbqftg_400x400.
png',
          }}
          style={{ marginTop:20, marginLeft:30, width: 300, height: 150}}
        />
      </View>
      <TextInput
```

```
      style={{
        height: 45,
        width:280,
        borderColor: 'black',
        borderWidth: 2,
        marginLeft: 30,
        marginTop: 50,
        padding: 10,
        borderRadius:20
      }}
      placeholder= "  Username/Id"
    />

    <TextInput
      style={{
        height: 45,
        width:280,
        borderColor: 'black',
        borderWidth: 2,
        marginLeft: 30,
        marginTop: 20,
        padding:10,
        borderRadius:20
      }}
      placeholder= "  Email"
    />
```

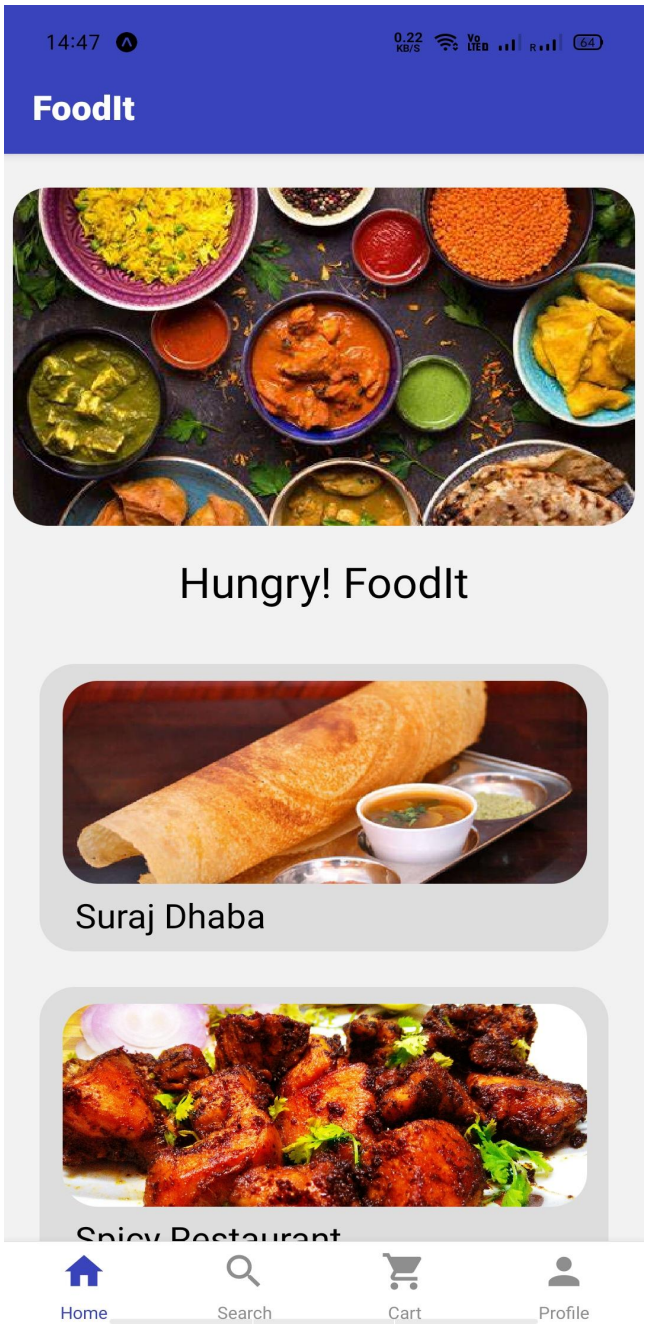
```
      <TextInput
        style={{
          height: 45,
          width:280,
          borderColor: 'black',
          borderWidth: 2,
          marginLeft: 30,
          marginTop: 20,
          padding:10,
          borderRadius:20
        }}
        placeholder= "  Password"
      />
      <TextInput
        style={{
          height: 45,
          width:280,
          borderColor: 'black',
          borderWidth: 2,
          marginLeft: 30,
          marginTop: 20,
          padding:10,
          borderRadius:20
        }}
        placeholder= "  Mobile No."
      />
      <View>
```

```
    <TouchableOpacity
          style={{alignItems: 'center',
          backgroundColor: '#DDDDDD',
          padding: 10,
          width: 280,
          marginTop: 20,
          marginLeft:30,
          borderRadius:20
        }}
          onPress={
            () => navigation.navigate('')
          }>
          <Text>SignUp</Text>
        </TouchableOpacity>
    </View>
    <View>
    <TouchableOpacity
          style={{alignItems: 'center',
          backgroundColor: '#DDDDDD',
          padding: 10,
          width: 280,
          marginTop: 20,
          marginLeft:30,
          borderRadius:20
        }}
          onPress={
            () => navigation.navigate('Login')
```

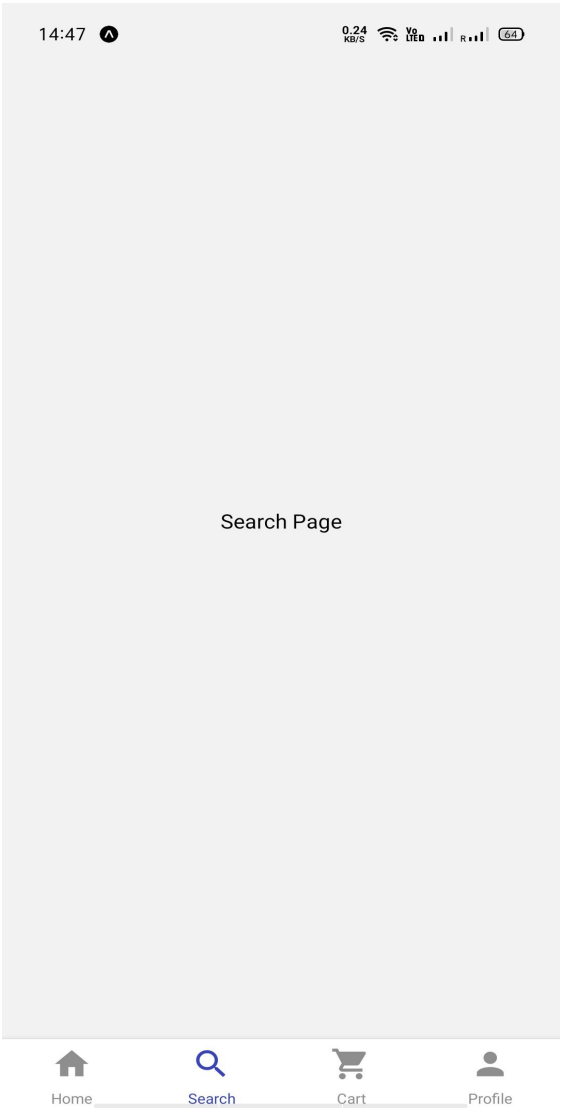
```
            }>
            <Text>Back to login</Text>
          </TouchableOpacity>
      </View>
    </ScrollView>
  );
}


export default App;
```

Screenshots of Progress

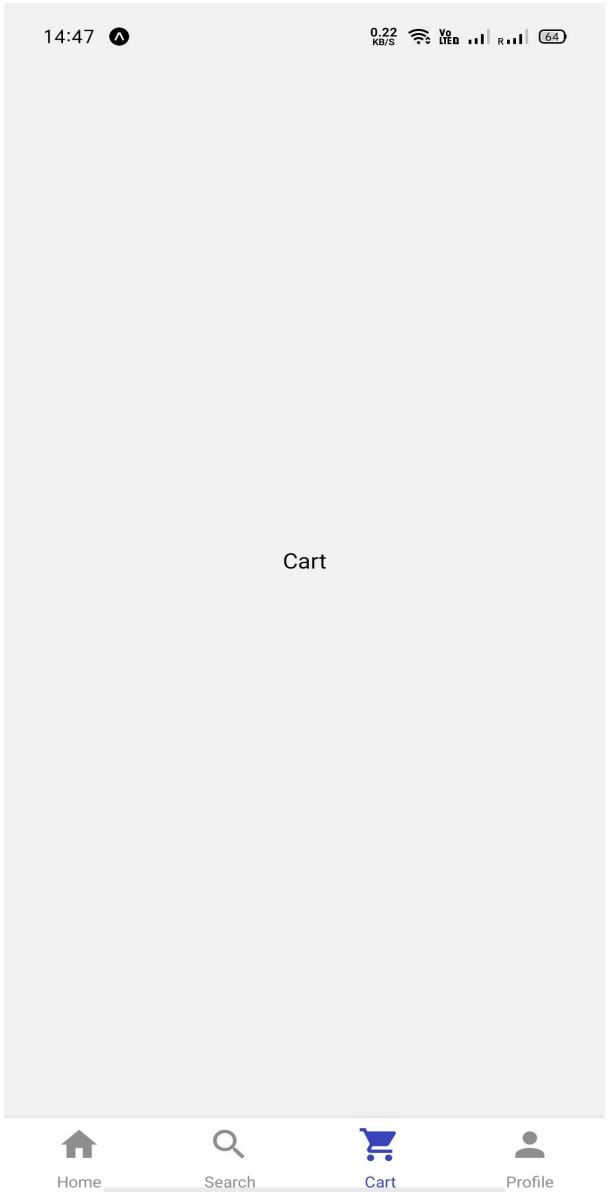
HomePage on Homes Tab



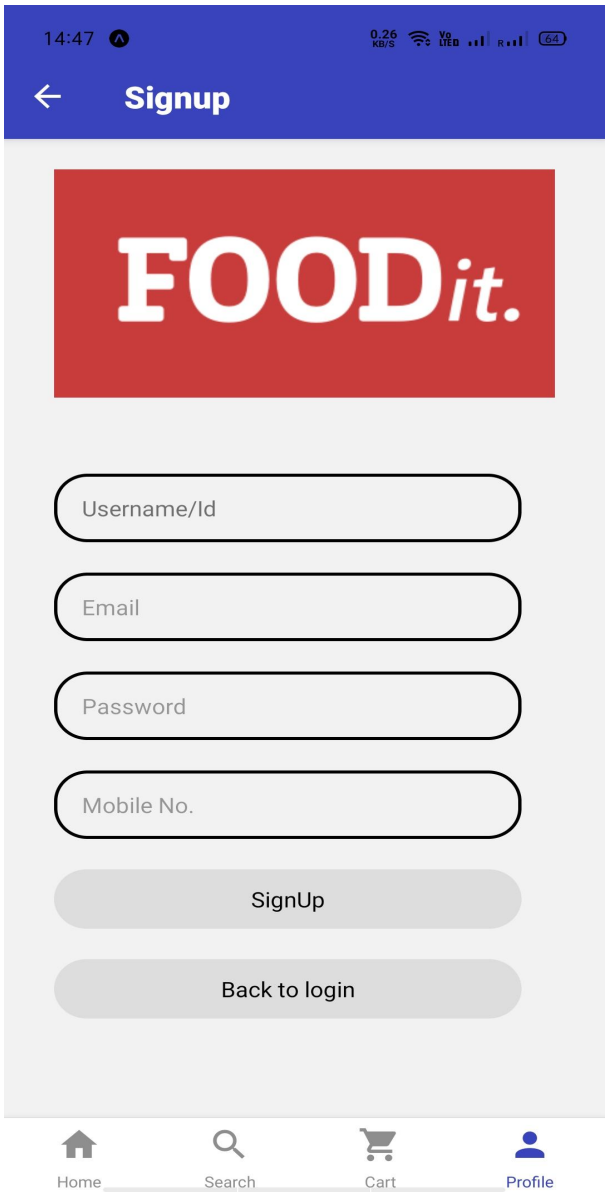
Search Page on Search tab



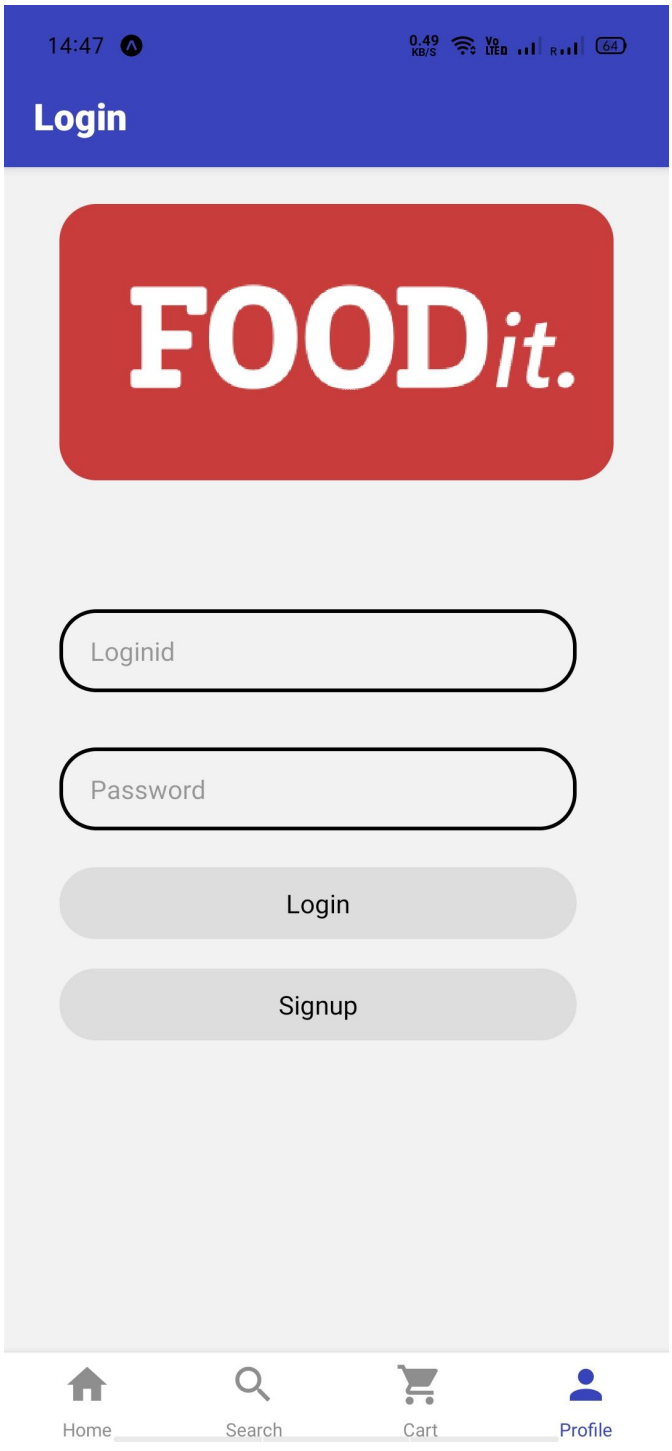
Cart Page



Signup Page


14:47
Signup
FOODit.
Username/Id
Email
Password
Mobile No.
SignUp
Back to login
Home
Search
Cart
Profile

LoginPage


14:47
Login
FOODit.
Loginid
Password
Login
Signup
Home
Search
Cart
Profile