

notJust

//development

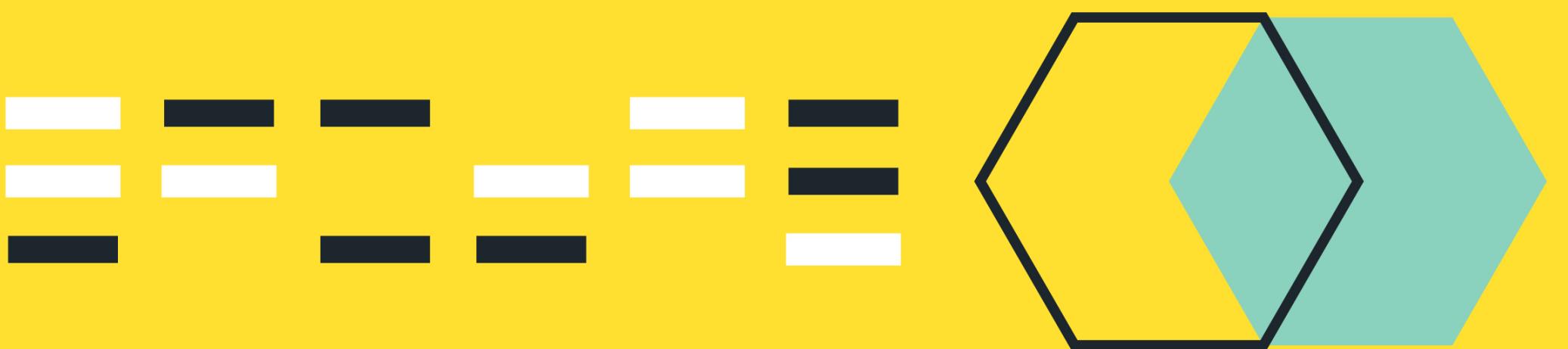


The image shows a composite screenshot of the Uber Eats mobile application. On the left, a search bar at the top says "Deliver now 217 Glenferrie Rd". Below it, under "Special Offers", there's a section for "Chef Lagenda Toorak" with a "Spend A\$15, Save" button. The main list shows "Grill'd" with a "Grill'd" logo, "Popular Near You" with "Grill'd (Malvern)" listed, and "Recommended" items like "Chicken Dynamic Duo" and "Sweet Chilli Chicken". On the right, a detailed view of an order for "Mighty Melbourn" from "Grill'd" is shown. It features a large image of the burger, its description ("Grass fed beef with tasty cheese, crispy bacon, free range egg, a couple of slices of beetroot salad, relish & herbed mayo."), and nutritional information (3450 kJ). Below this is a map of the delivery area in Malvern, Victoria. At the bottom, the "Order Summary" shows the address "217 Glenferrie Rd, Malvern VIC 3144, Australia" and delivery options like "Deliver to door". A prominent "Add 1 to Order" button is at the bottom right of the detailed view.

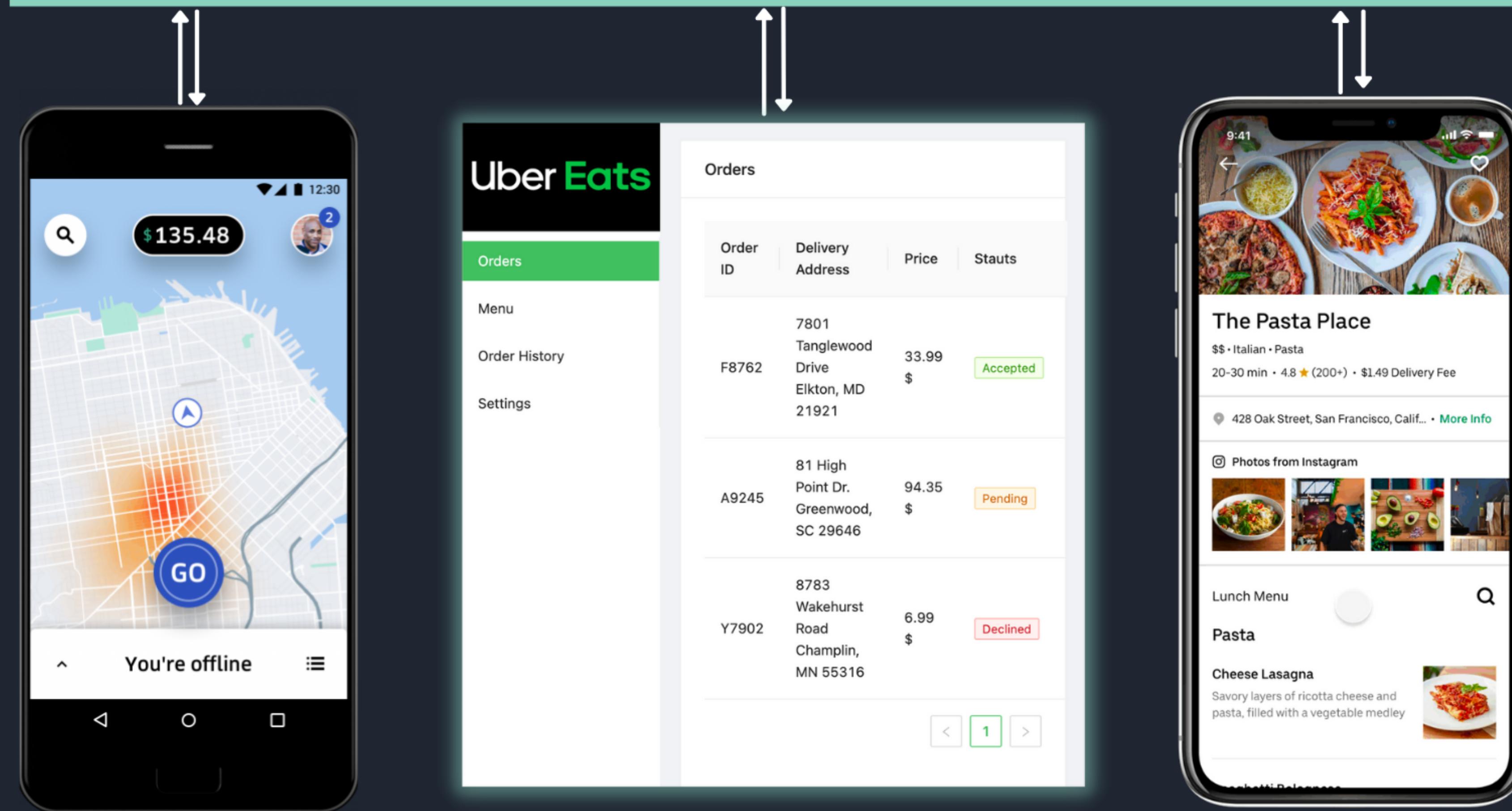
Uber Eats

5 Days Challenge

Day 2: Backend with AWS Amplify



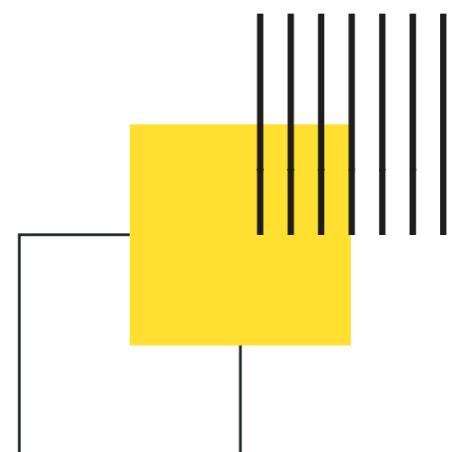
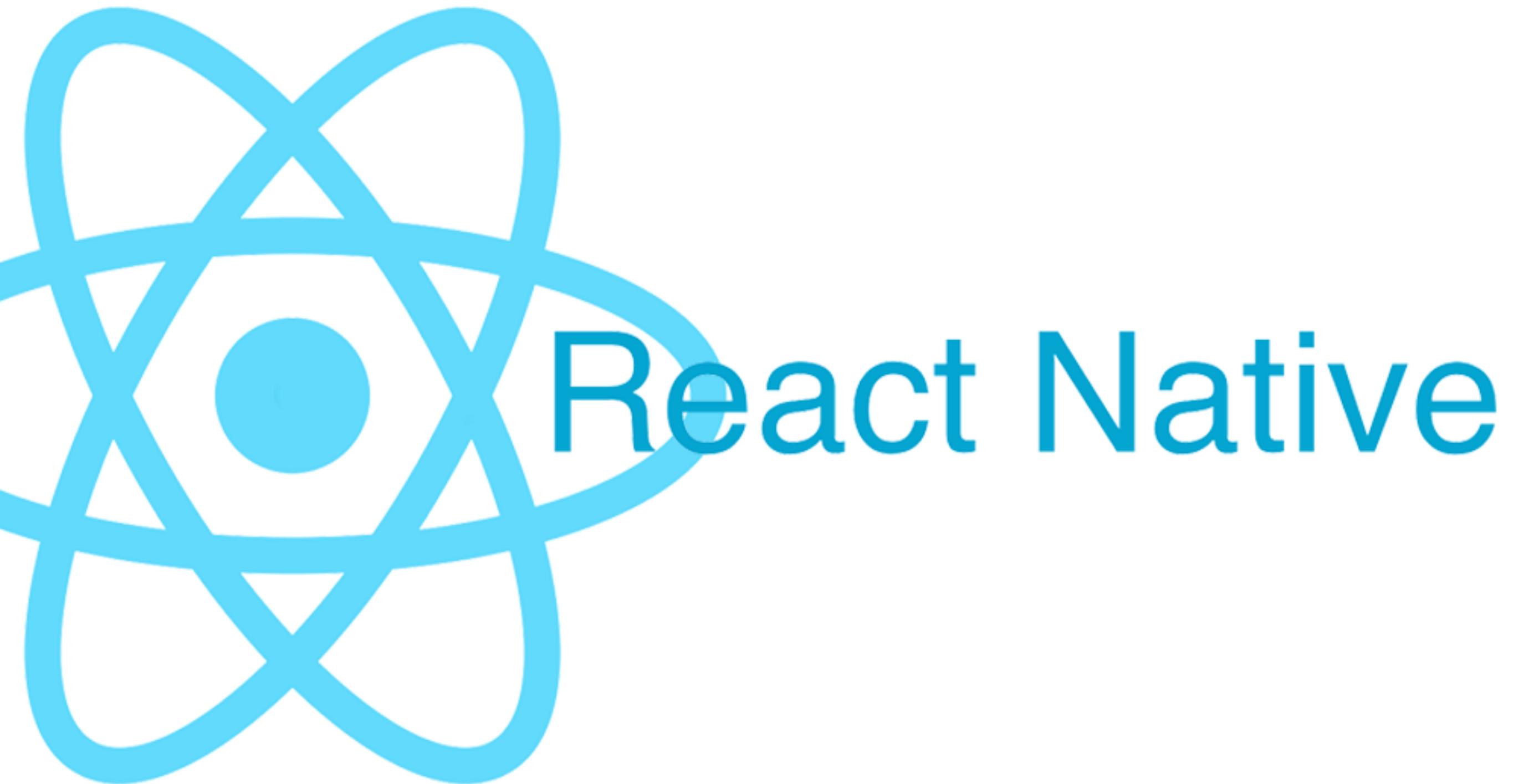
AWS Amplify Backend



Driver app

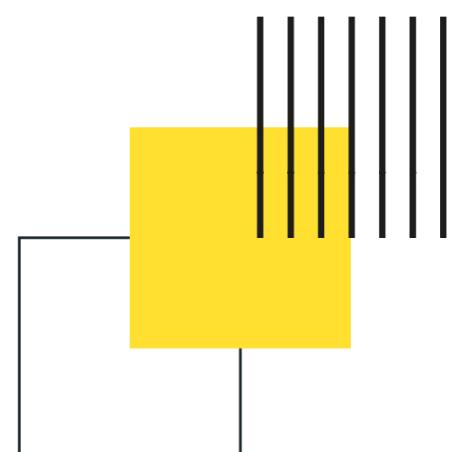
Restaurant dashboard

User app





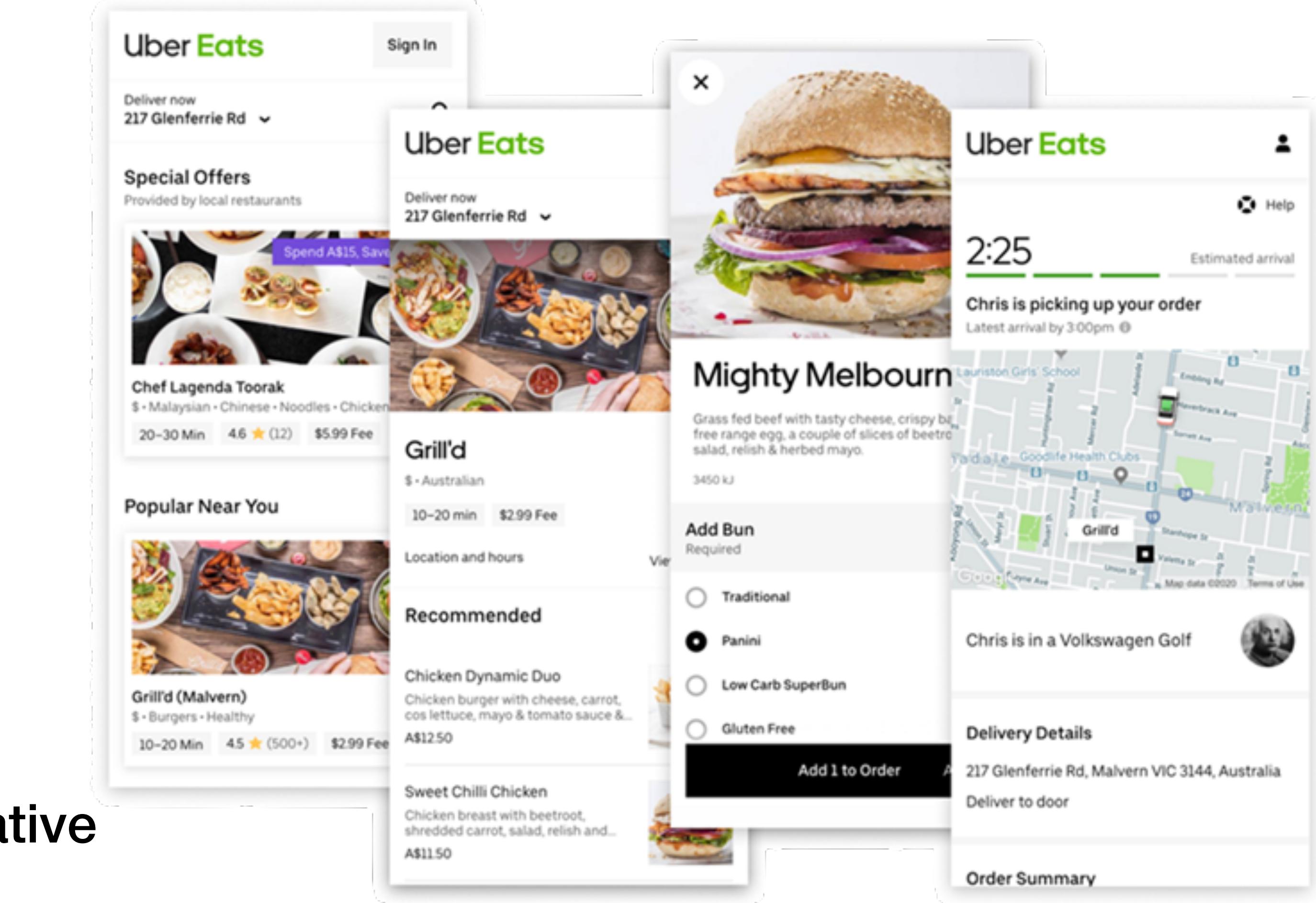
AWS Amplify



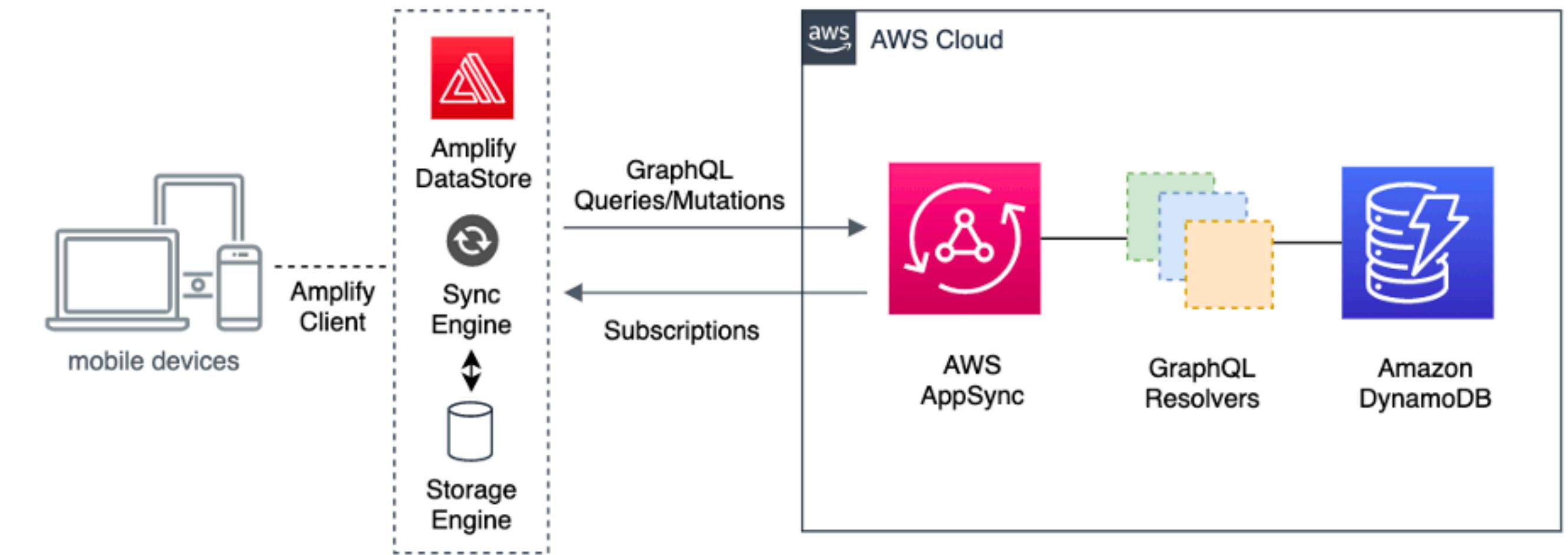
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The plan

||| Day 1: User app UI | React Native



The plan



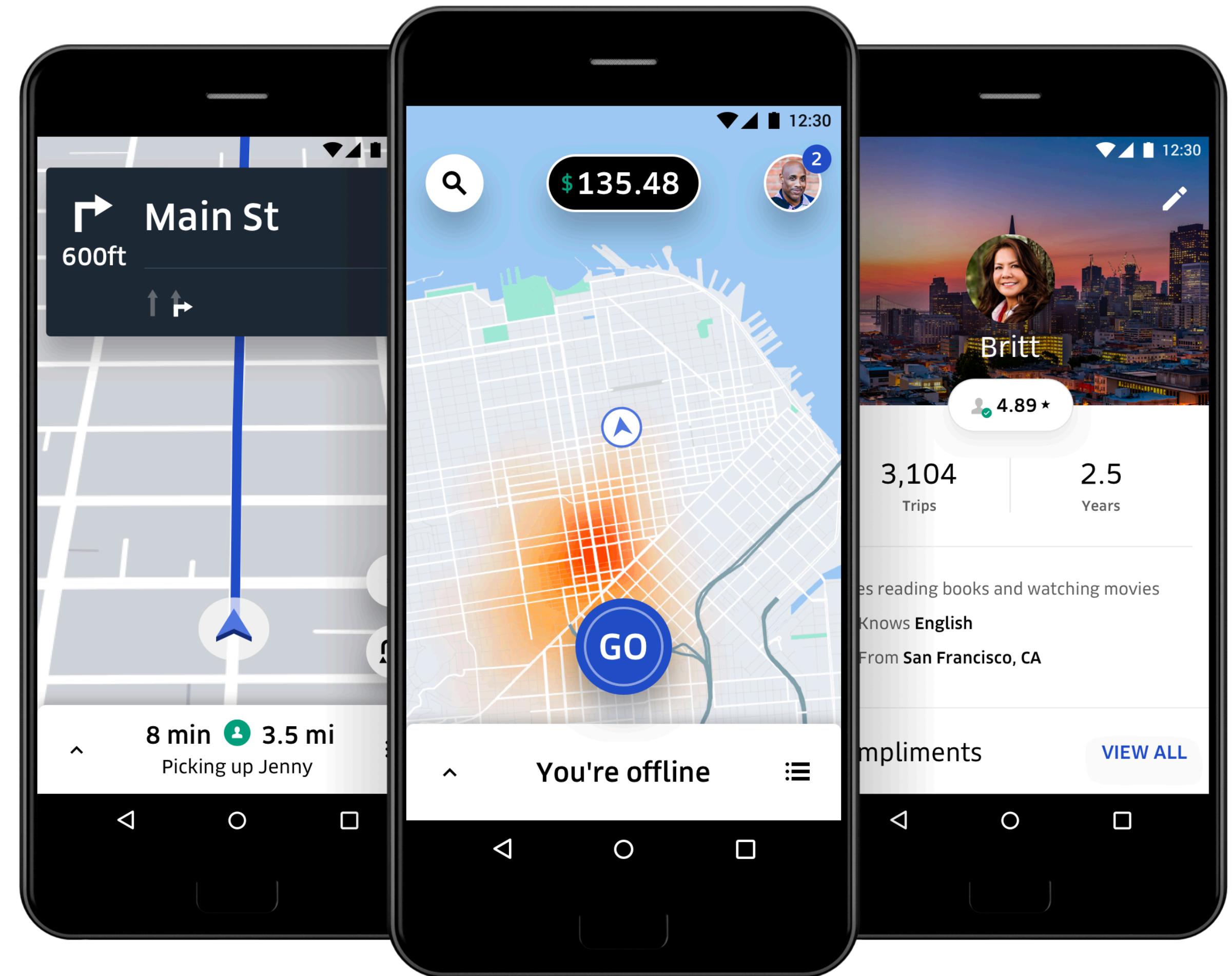
||| Day 1: User app UI | React Native

||| Day 2: User app backend | AWS Amplify



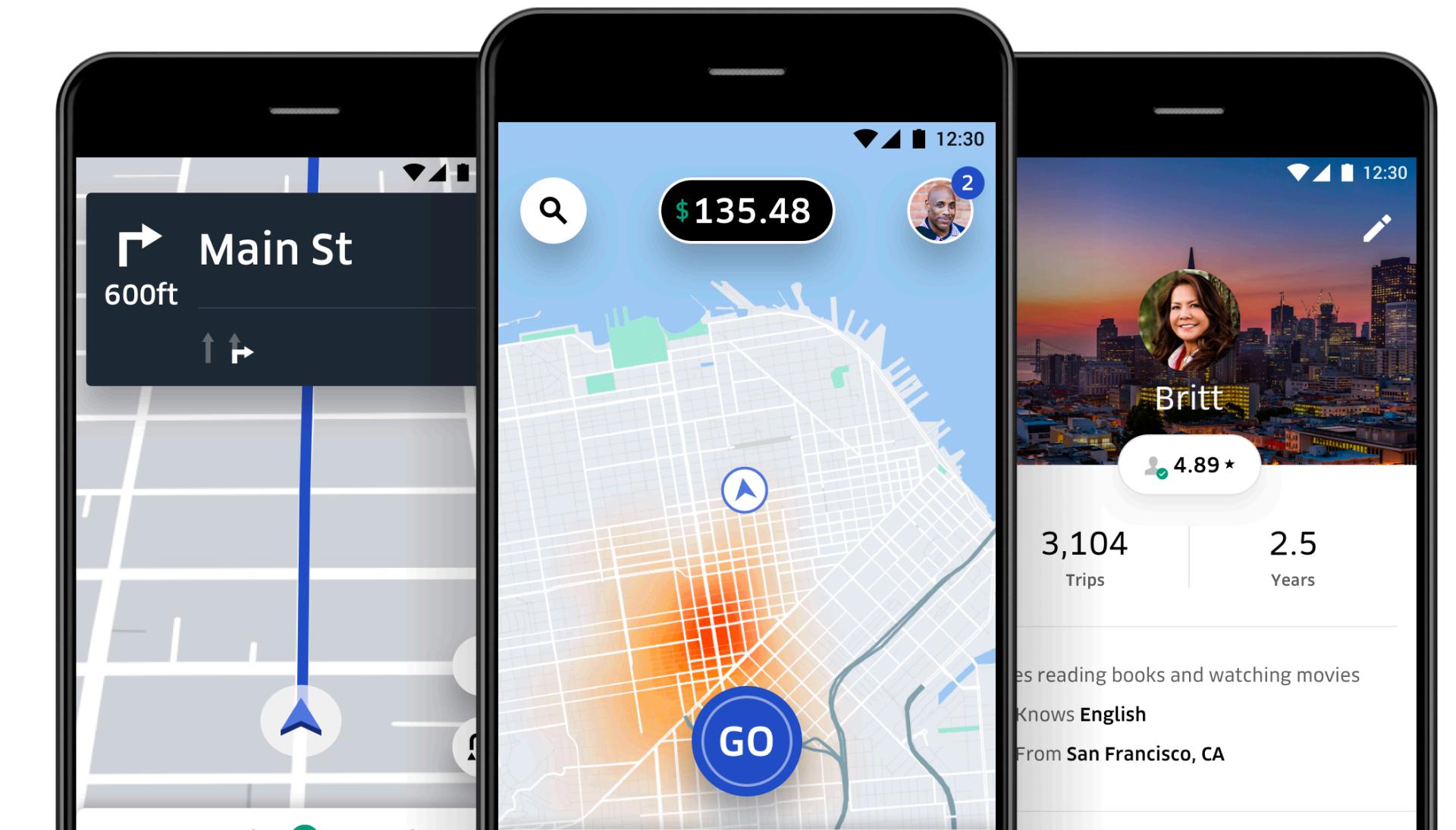
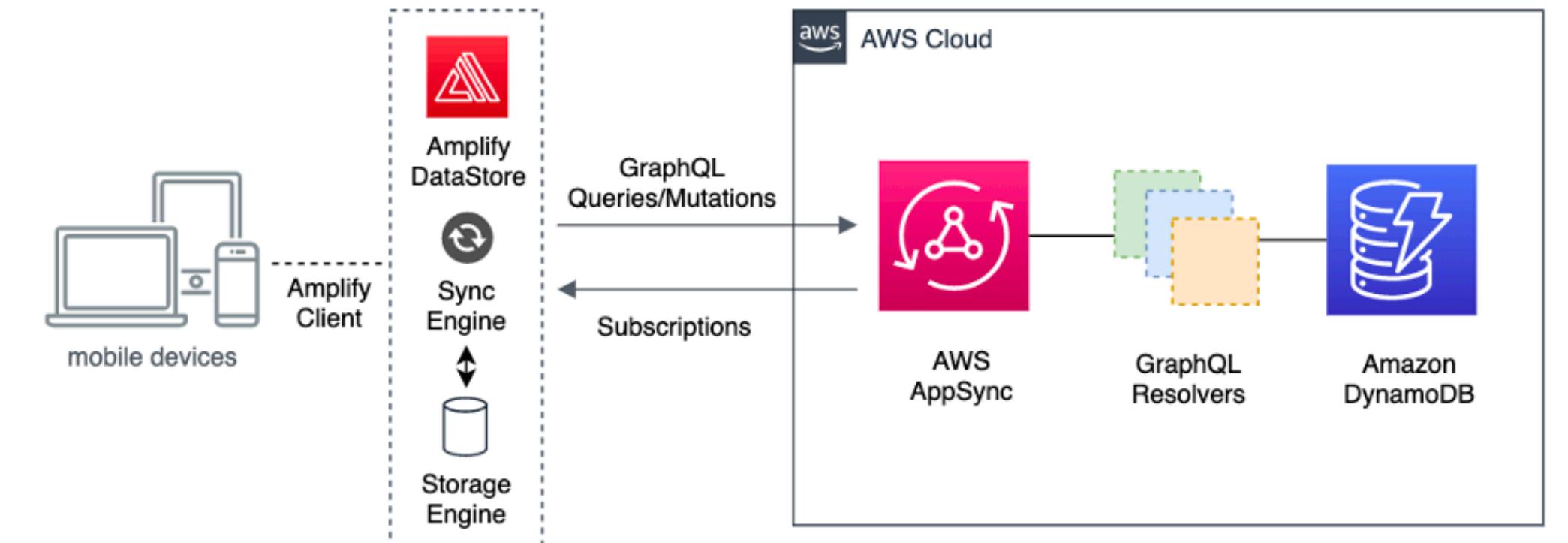
The plan

- ||| Day 1: User app UI | React Native
- ||| Day 2: User app backend | AWS Amplify
- ||| Day 3: Driver app UI | React Native
- |||
- |||
- |||
- |||



The plan

- ||| Day 1: User app UI | React Native
- ||| Day 2: User app backend | AWS Amplify
- ||| Day 3: Driver app UI | React Native
- ||| Day 4: Driver app backend | AWS Amplify



The plan

- ||| Day 1: User app UI | React Native
- ||| Day 2: User app backend | AWS Amplify
- ||| Day 3: Driver app UI | React Native
- ||| Day 4: Driver app backend | AWS Amplify
- ||| Day 5: Restaurant dashboard | ReactJS and AWS Amplify



Orders			
Order ID	Delivery Address	Price	Status
F8762	7801 Tanglewood Drive Elkton, MD 21921	\$ 33.99	Accepted
A9245	81 High Point Dr. Greenwood, SC 29646	\$ 94.35	Pending
Y7902	8783 Wakehurst Road Champlin, MN 55316	\$ 6.99	Declined

Prerequisites

||| 1. Asset Bundle (dummy data, PDF presentation):

|| <https://assets.notjust.dev/ubereats>

||

| | 2. Expo environment setup

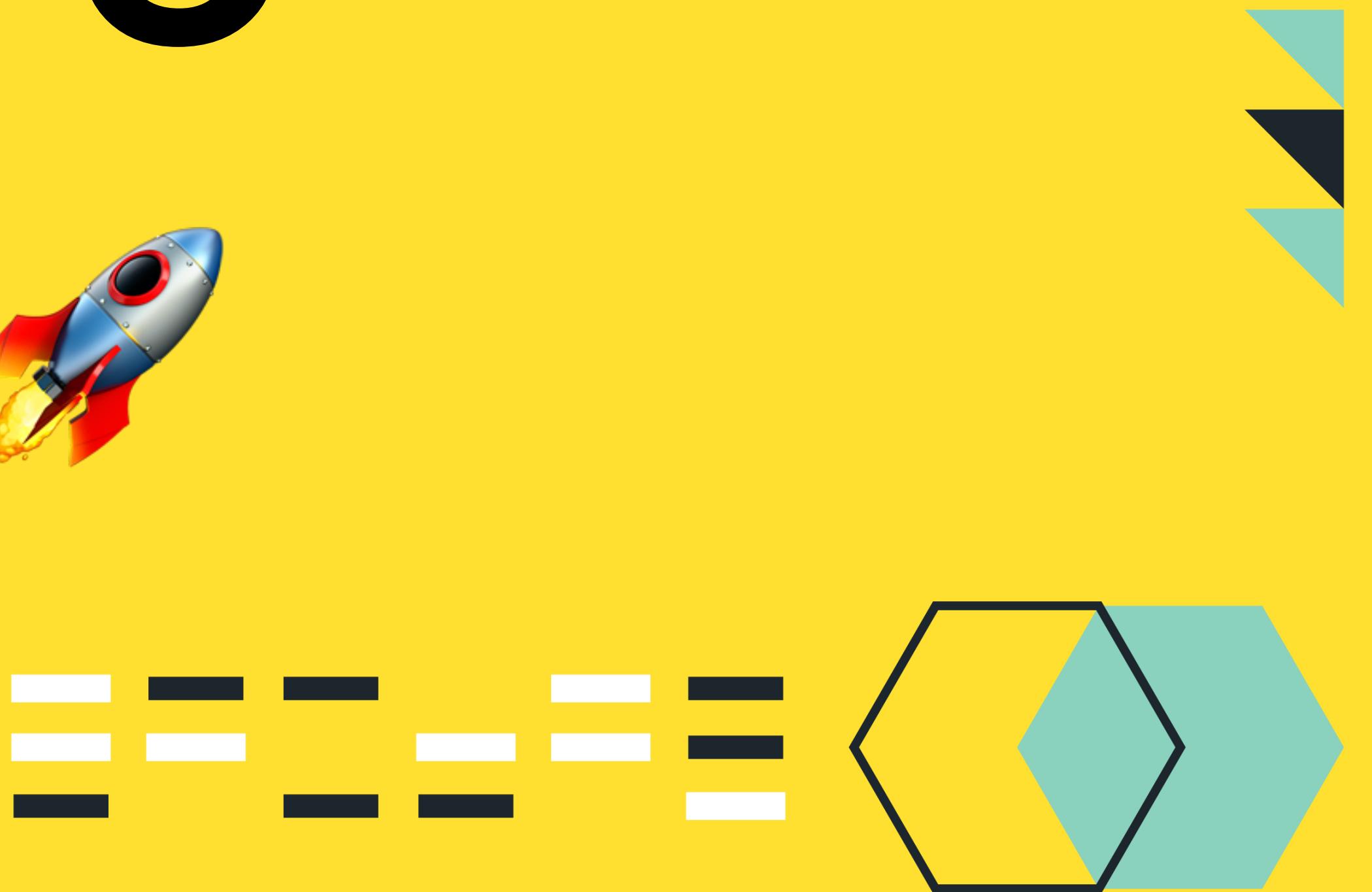
| | <http://bit.ly/expo-vadim>

|||



Let's get started

Day 3



Who am I

- Full stack developer for >7yrs
- Founded multiple startups
- ex Amazon SDE
- Passionate about coding and building impactful startups.

I AM notJust
//developer



Let's Get Started

1. Initialise the expo project

```
$ expo init UberEatsCourier
```

2. Open project

```
$ cd UberEatsCourier
```

```
$ code .
```

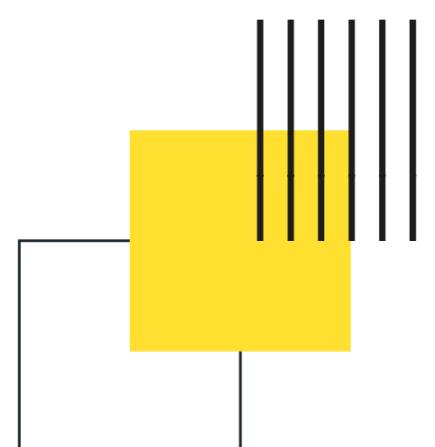
3. Run the development server

```
$ npm start
```

4. Run the app on device or emulator

```
$ npm run android
```

```
$ npm run iOS
```



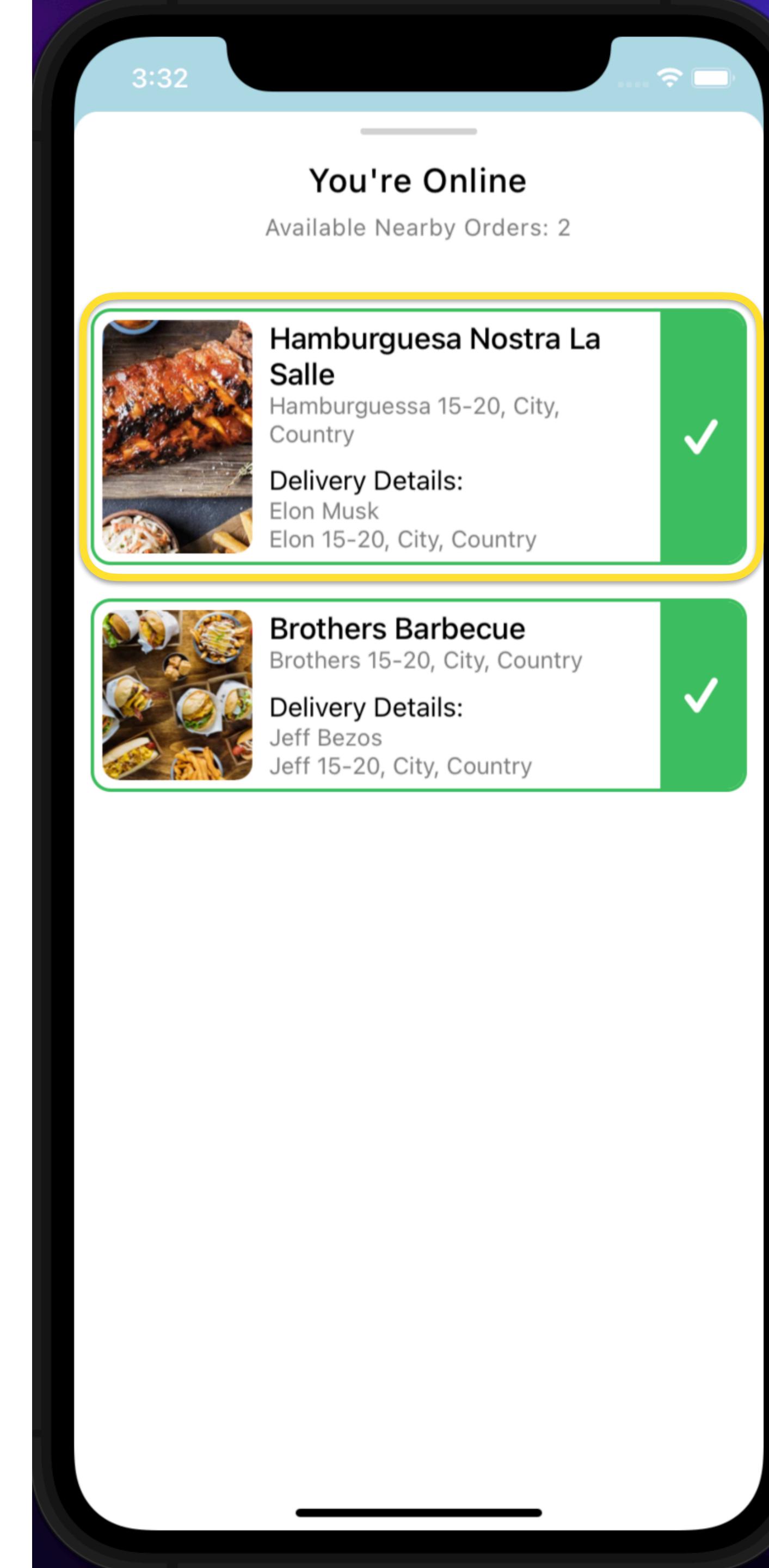
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Order Item



- Restaurant name
- Restaurant image
- Restaurant address
- Customer name
- Customer address
- Accept Button that opens the order route details
- Extract to a separate component
- Props



BottomSheet <https://gorhom.github.io/react-native-bottom-sheet/>

1. Install the library

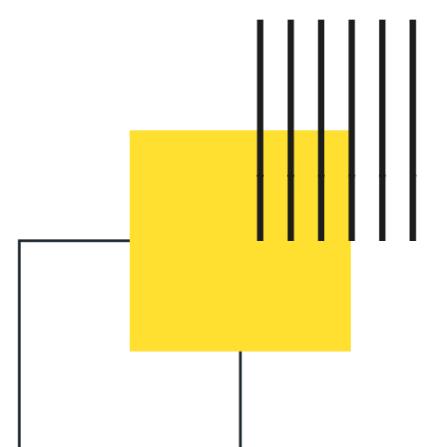
```
$ expo install @gorhom/bottom-sheet@^4
```

2. Install dependencies

```
$ expo install react-native-reanimated react-native-gesture-  
handler
```

3. Add babel plugin in babel.config.js

```
module.exports = {  
  
  return {  
  
    ...  
  
    plugins: ['react-native-reanimated/plugin'],  
  
  }  
};
```



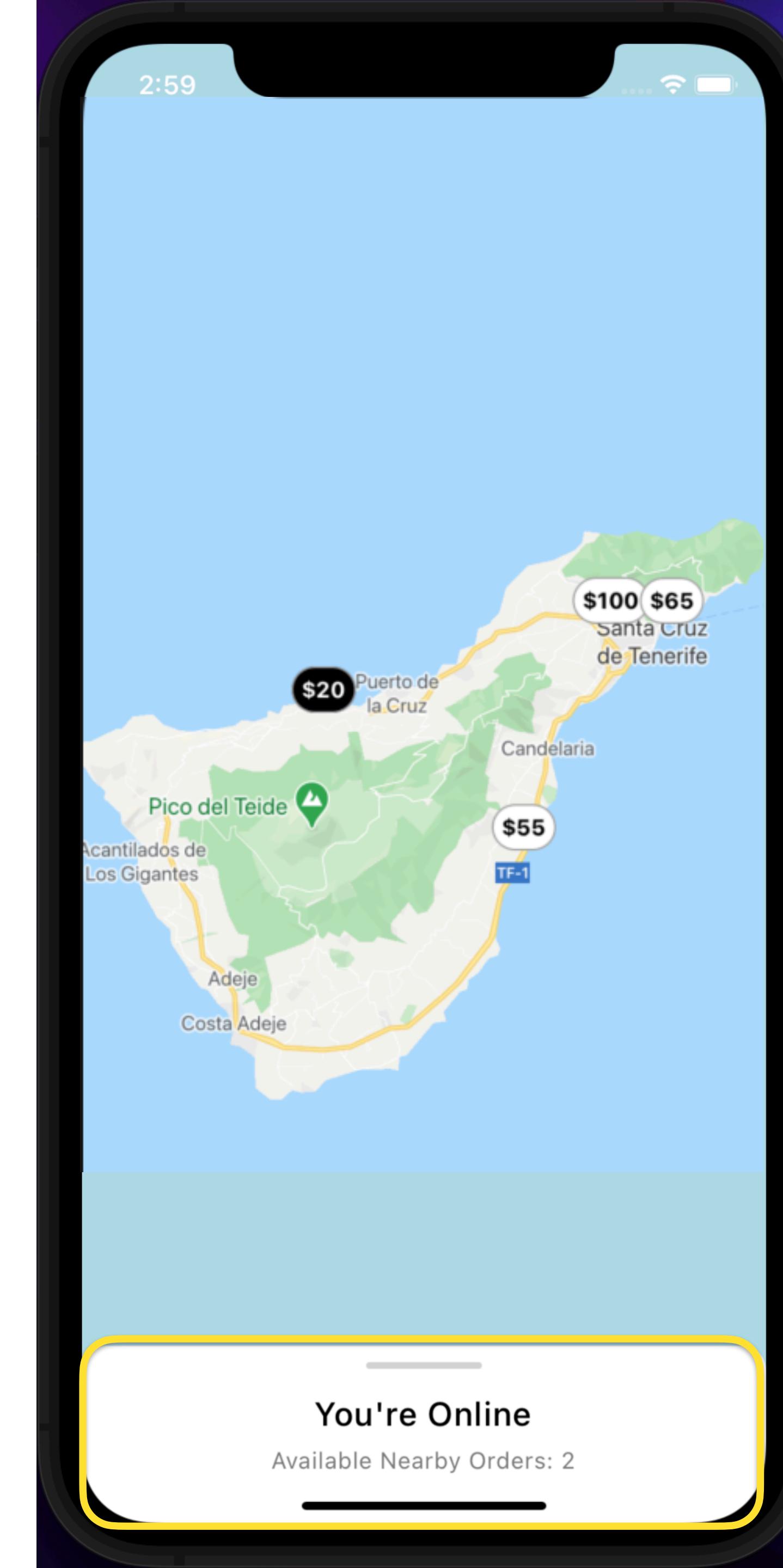
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BottomSheet



- Nearby orders count



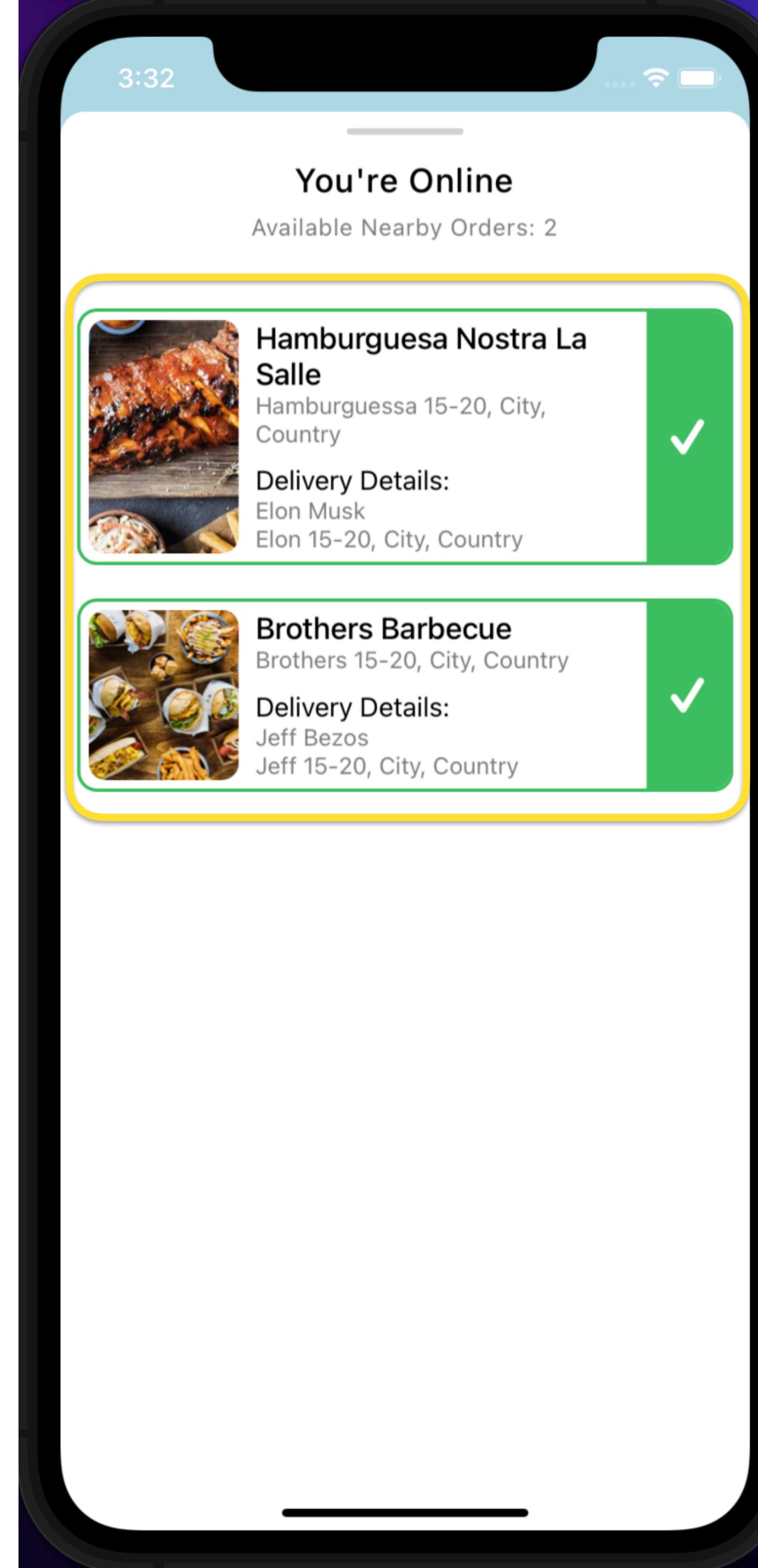
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Orders List



- FlatList of orders in the BottomSheet

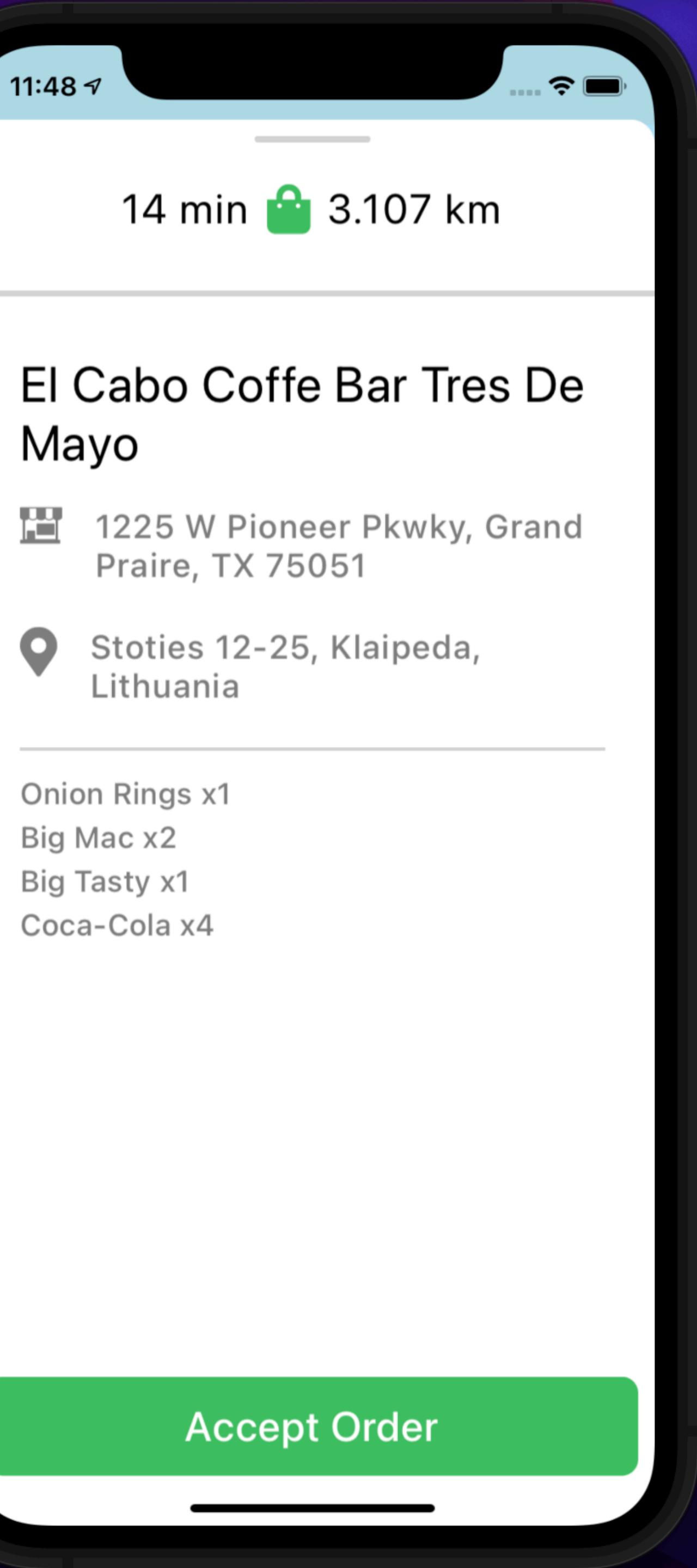




Order Pick Up Details



- Restaurant name
- Restaurant address
- Order address
- Order details
- Button to accept, pick-up and finish the order



React Navigation <https://reactnavigation.org/docs/getting-started/>

1. Install React Navigation

```
$ expo install @react-navigation/native
```

2. Installing dependencies

```
$ expo install react-native-screens react-native-safe-area-context
```

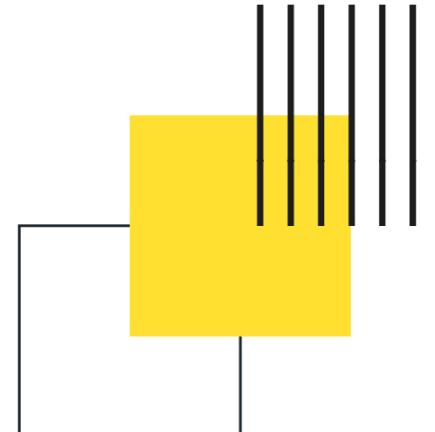
3. Installing the native stack navigator

```
$ expo install @react-navigation/native-stack
```

3. Wrap app in the NavigationContainer

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

export default function App() {
  return (
    <NavigationContainer>
      {/* Rest of app code */}
    </NavigationContainer>
  );
}
```



React Navigation

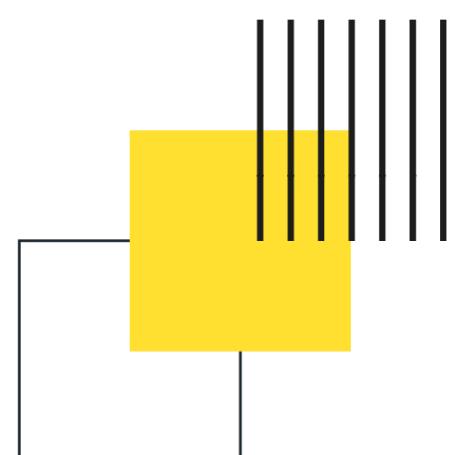
1. Setup the screens

```
import { createNativeStackNavigator } from "@react-navigation/native-stack";

const Stack = createNativeStackNavigator();

const Navigation = () => {
  return (
    <Stack.Navigator>
      <Stack.Screen name="Orders" component={Orders} />
      <Stack.Screen name="OrderPickUp" component={OrderPickUp} />
    </Stack.Navigator>
  );
}

export default Navigation;
```



React Navigation

1. Navigating

1.1. Import

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

1.2. Get the navigation object

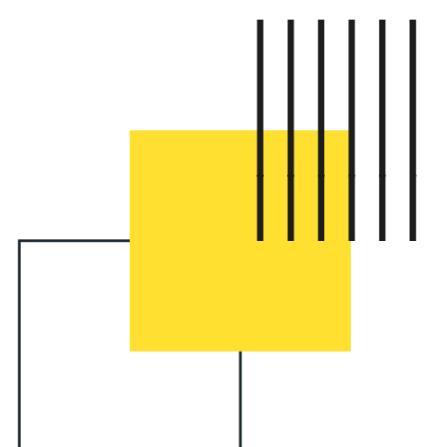
```
const navigation = useNavigation();
```

1.3. Navigate

```
navigation.navigate('Orders')
```

1.4. Send data

```
navigation.navigate('OrderPickUp', {orderId: id})
```



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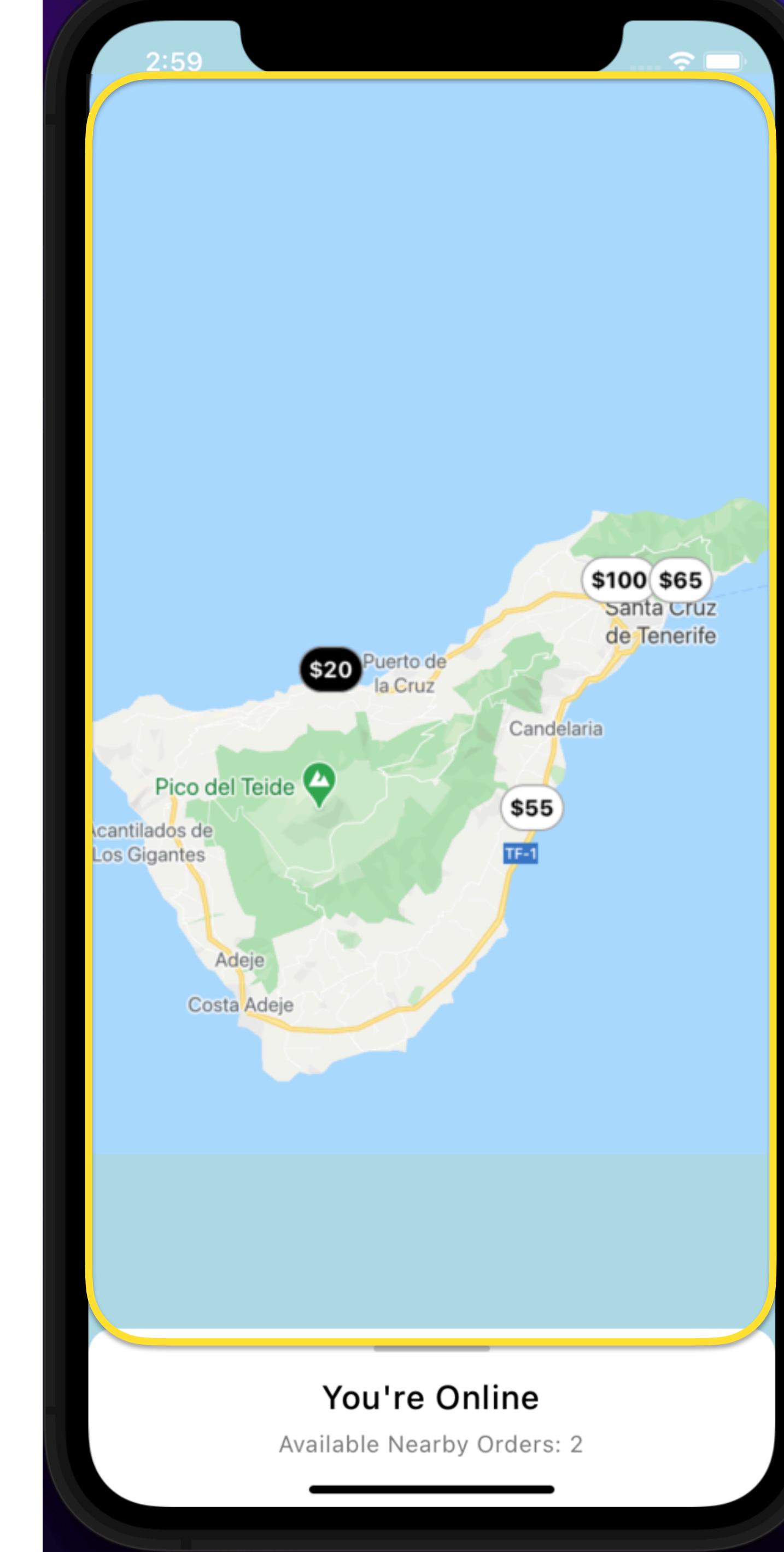
//development

Map

- Install library
 - expo install react-native-maps
- Add the map

```
<MapView style={styles.map} showsUserLocation followsUserLocation />
```
- Render map markers

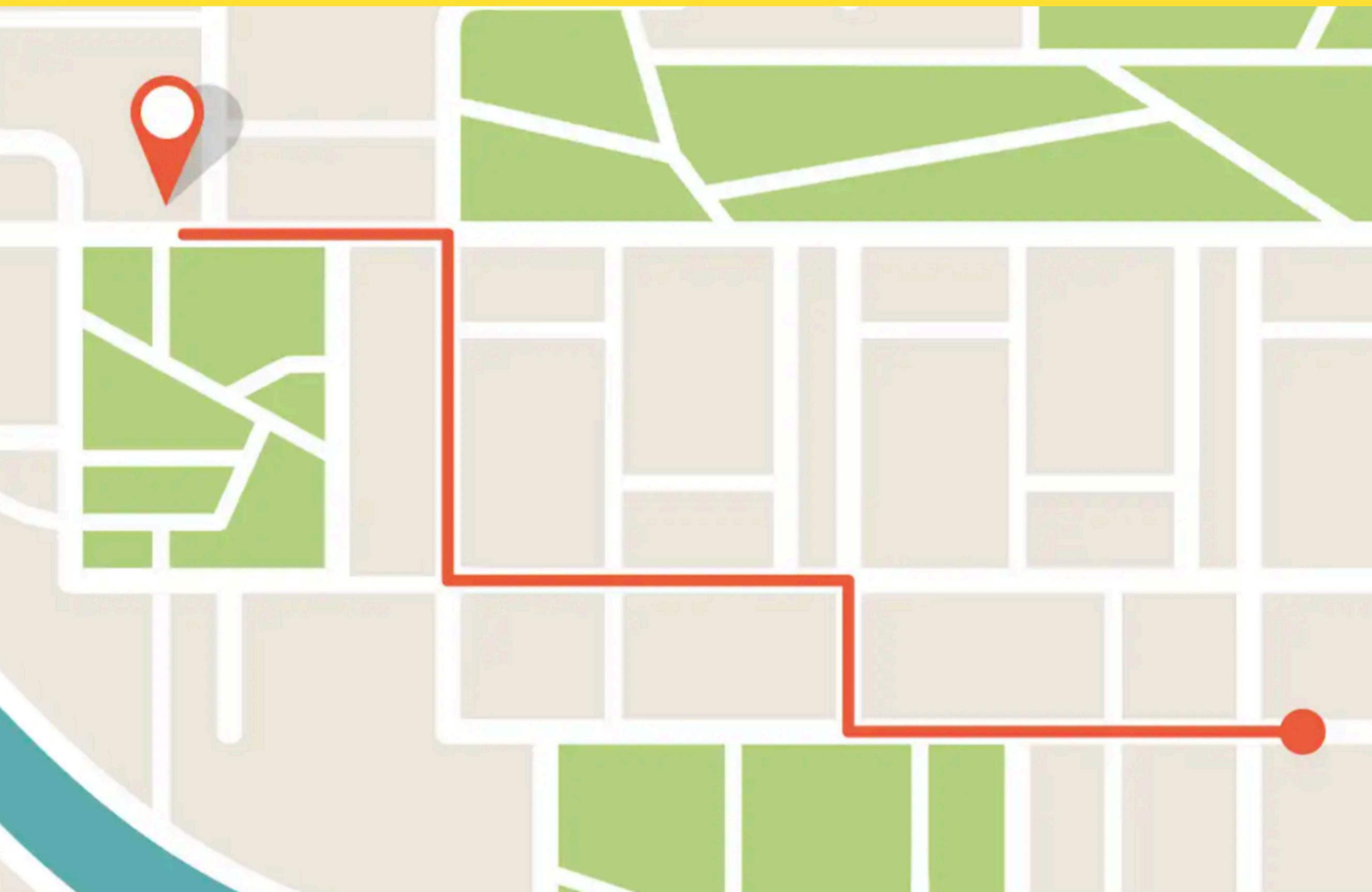
```
<MapView style={styles.map} showsUserLocation followsUserLocation>
  {orders.map((marker, index) => (
    <Marker key={index}
      coordinate={{
        latitude: marker.Restaurant.lat,
        longitude: marker.Restaurant.lng,
      }}
      title={marker.Restaurant.name}
      description={marker.Restaurant.address}
    >
      <Entypo name="shop" size={24} color="green" />
    </Marker>
  )))
</MapView>
```



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Map Directions



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Are you ready to become a **Full-Stack Mobile Developer** that can build end-to-end apps in weeks?

Join the **Full Stack Mobile Developer** course and learn the full lifecycle of developing mobile applications. Master both **frontend** and **backend skills** by building complex real-world projects

Don't miss it! Join the waitlist



Course content

2

Real-world projects

105 +

video lessons

30+

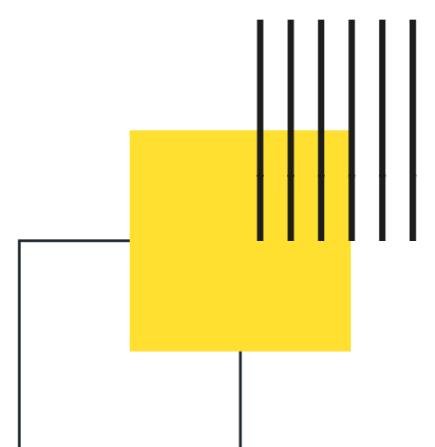
hours of video

77 k +

lines of code

200 +

developers in the
community



1. Intro

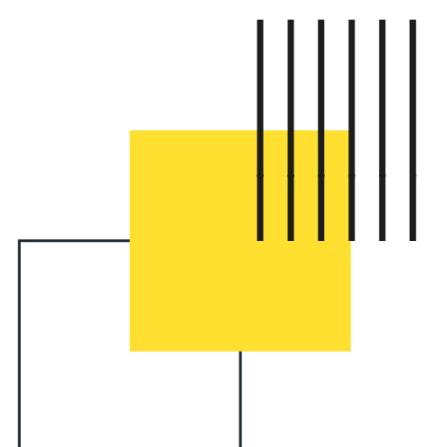
Get started with the course and find out the best way of following the course to maximize your learning.

2. Environment setup

Install and set up all the tools and apps that you will need in your toolbox as a **React Native developer**.

We cover both **Windows** and **macOS** setup.

- Windows terminal and iTerm
- NodeJS and npm
- Expo CLI and React Native CLI
- Visual Studio Code



3. React Native Fundamentals

Strengthen your React Native Fundamentals skills.

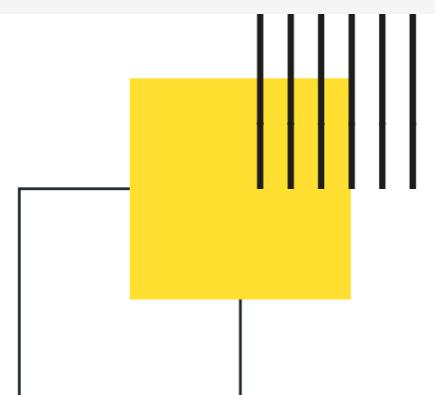
This module is great for both beginners and for experienced devs. Everyone will learn something new.

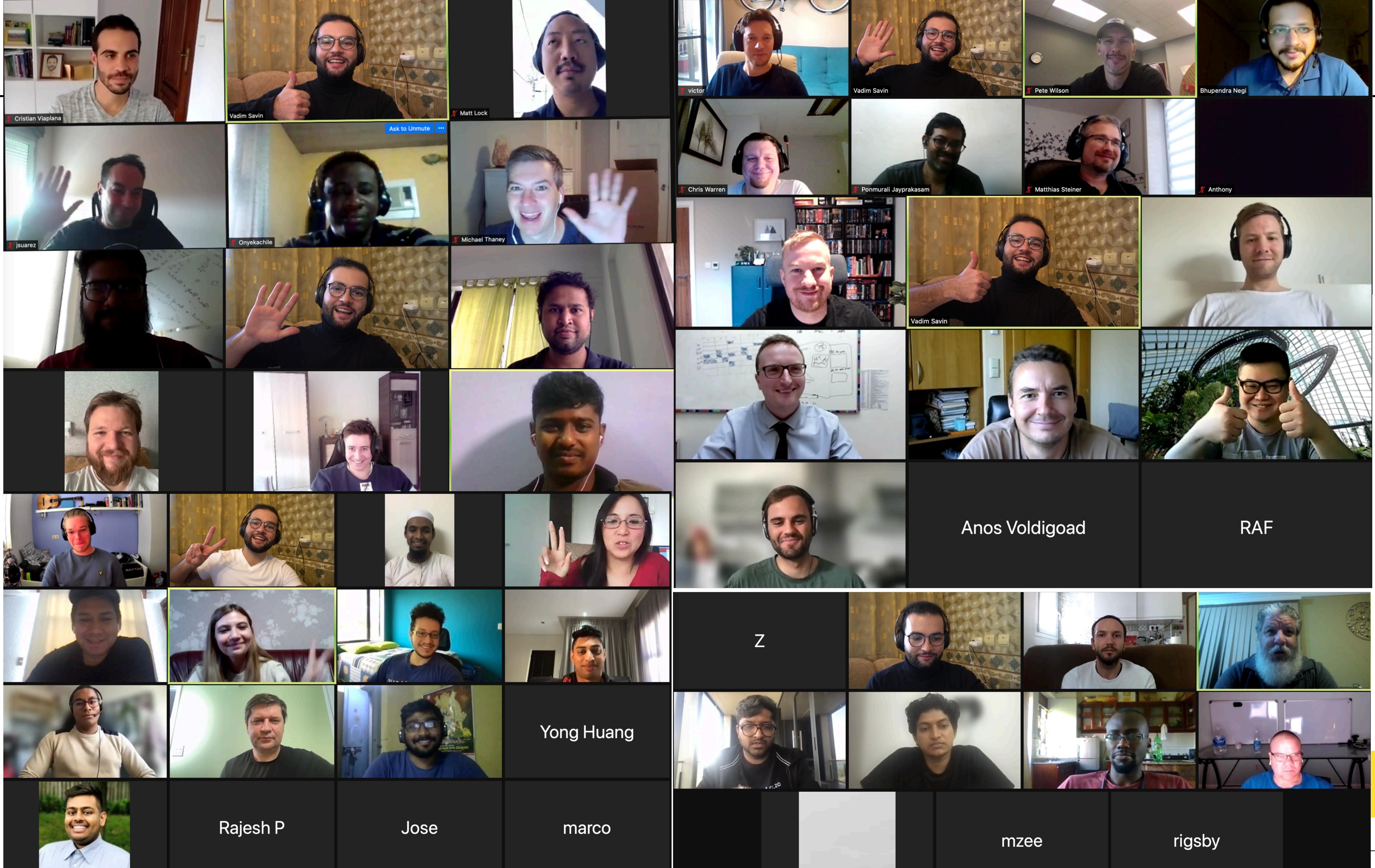
- Initializing and structuring your projects
- Debugging
- JSX
- Core components: Text, View, Image, ScrollView, TextView
- Styling
- Props, PropTypes, and State
- Hooks (useEffect, useState)
- Async Storage

4. Duolingo Clone

Apply your knowledge in practice by building a quiz app based on **Duolingo**.

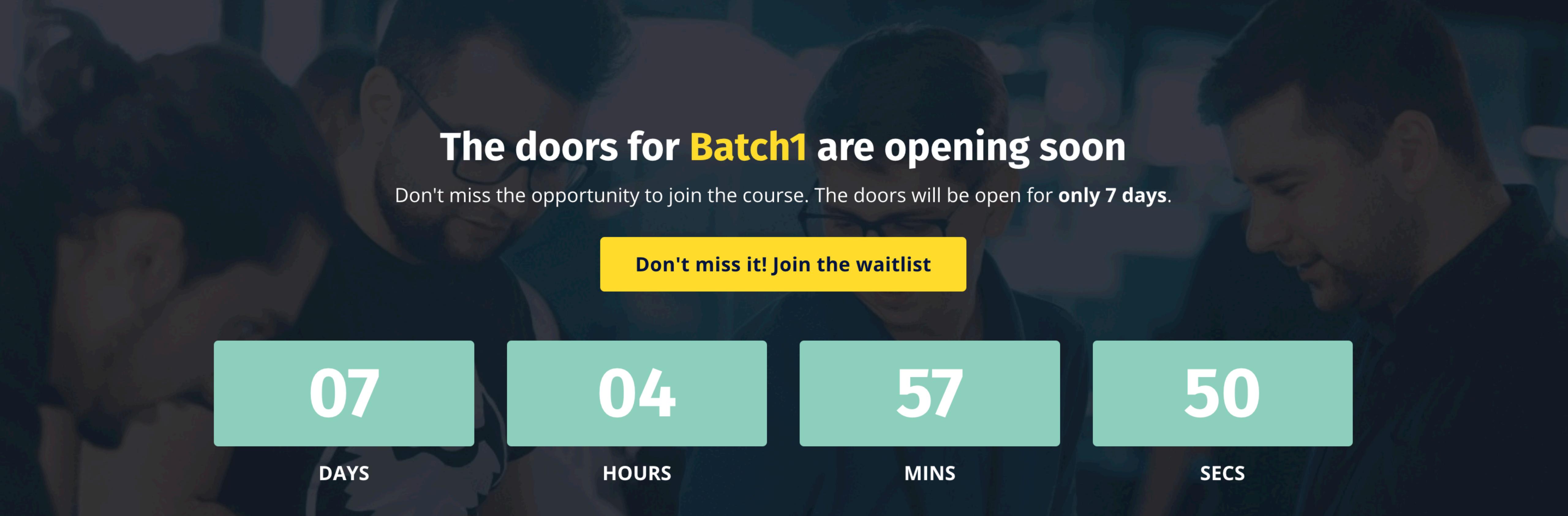
- Multiple-choice questions
- Open-ended questions
- Gamification: Lives and progress
- Reusable components: Buttons, Input
- Quiz logic





Launching next Monday, 25th April

 8 am PT  11 am ET  4 pm WEST  8:30 pm IST



The doors for **Batch1** are opening soon

Don't miss the opportunity to join the course. The doors will be open for **only 7 days**.

[Don't miss it! Join the waitlist](#)

07

DAYS

04

HOURS

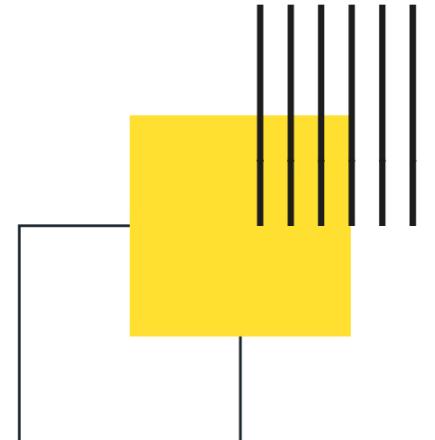
57

mins

50

SECS

<https://academy.notjust.dev/>



1. Install the libraries

```
$ expo install expo-location
```

<https://docs.expo.dev/versions/latest/sdk/location/>

```
$ expo install react-native-maps-directions
```

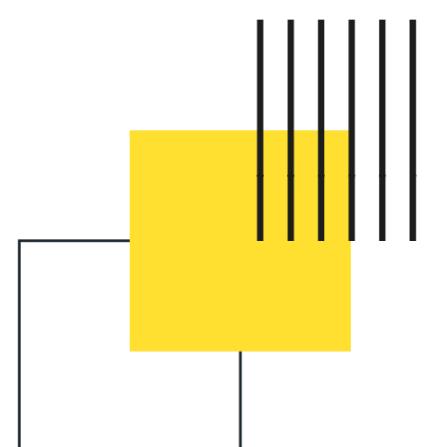
<https://www.npmjs.com/package/react-native-maps-directions>

2. Enable Directions API

3. Create API Key

4. Enable Billing

5. Set Quotas



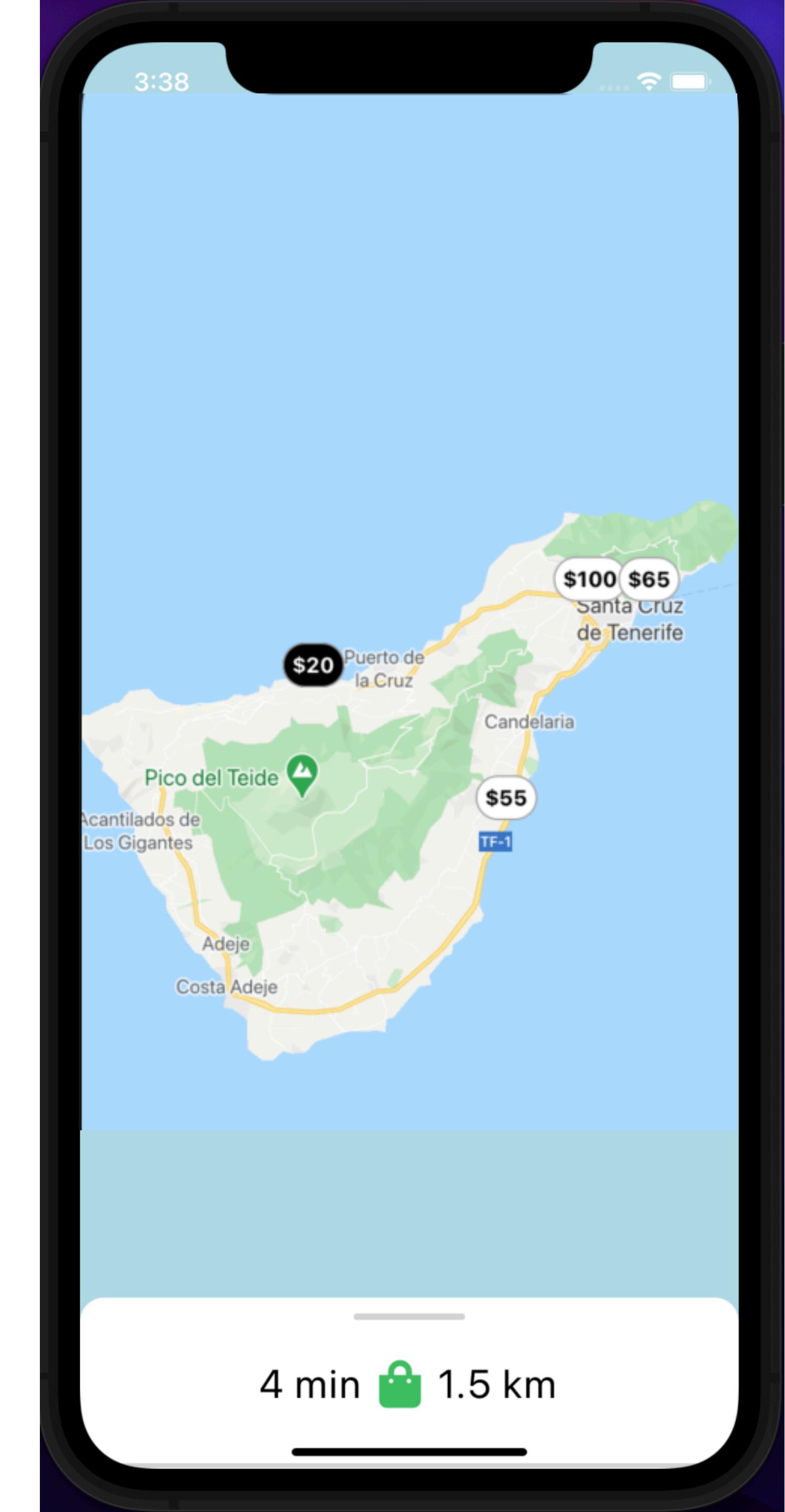
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Order Pick Up



- BottomSheet
- Map



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Delivery time and distance to the restaurant

- Request user location

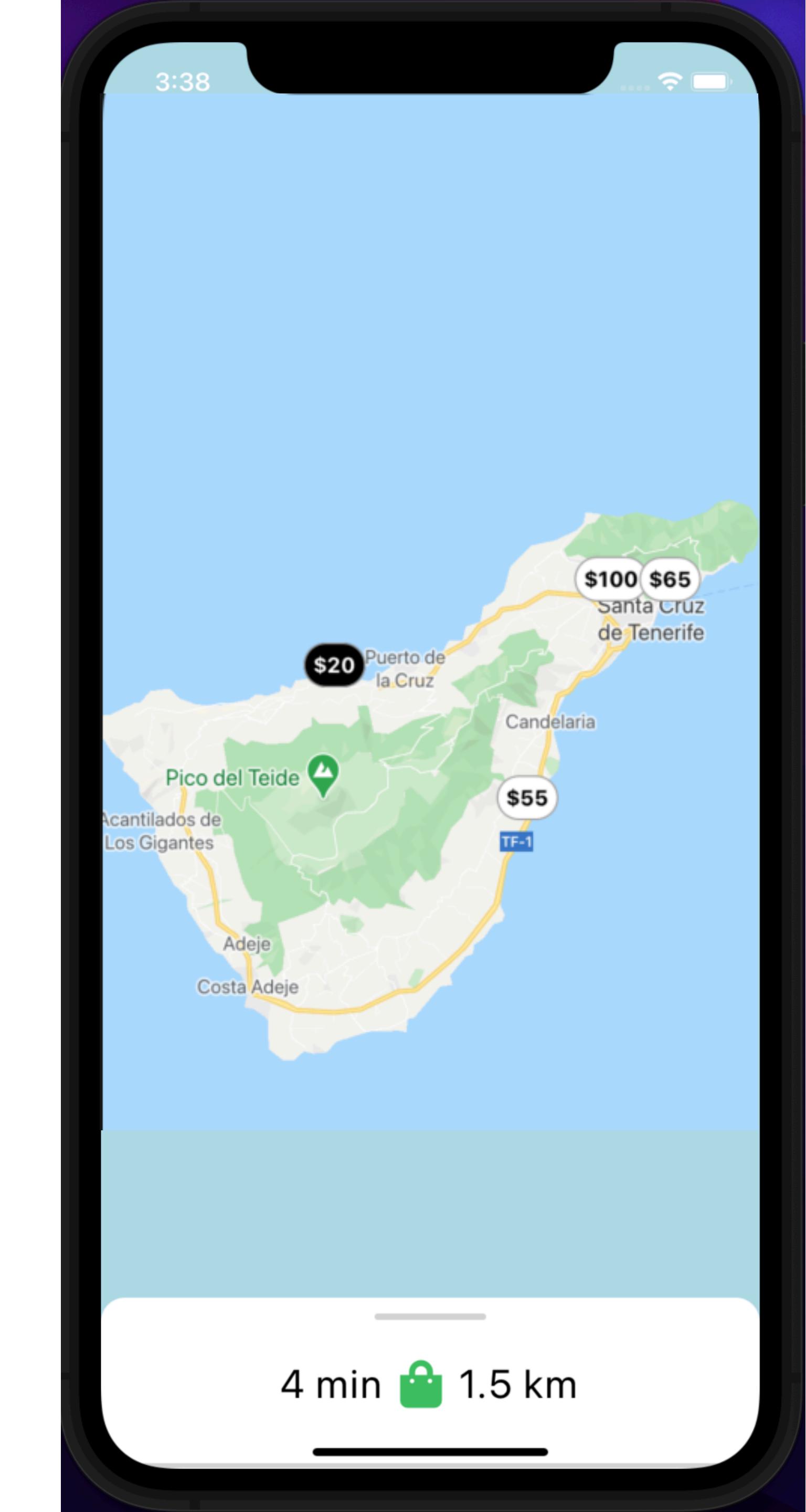
```
let { status } = await Location.requestForegroundPermissionsAsync();
if (status !== "granted") {
  // Permission not granted
}
```

- Get current user location

```
let location = await Location.getCurrentPositionAsync({});
```

- Listen to location changes

```
foregroundSubscription = Location.watchPositionAsync(
  {
    // Tracking options
    accuracy: Location.Accuracy.High,
    distanceInterval: 500,
  },
  (updatedLocation) => {
    // Make Changes
  }
);
```



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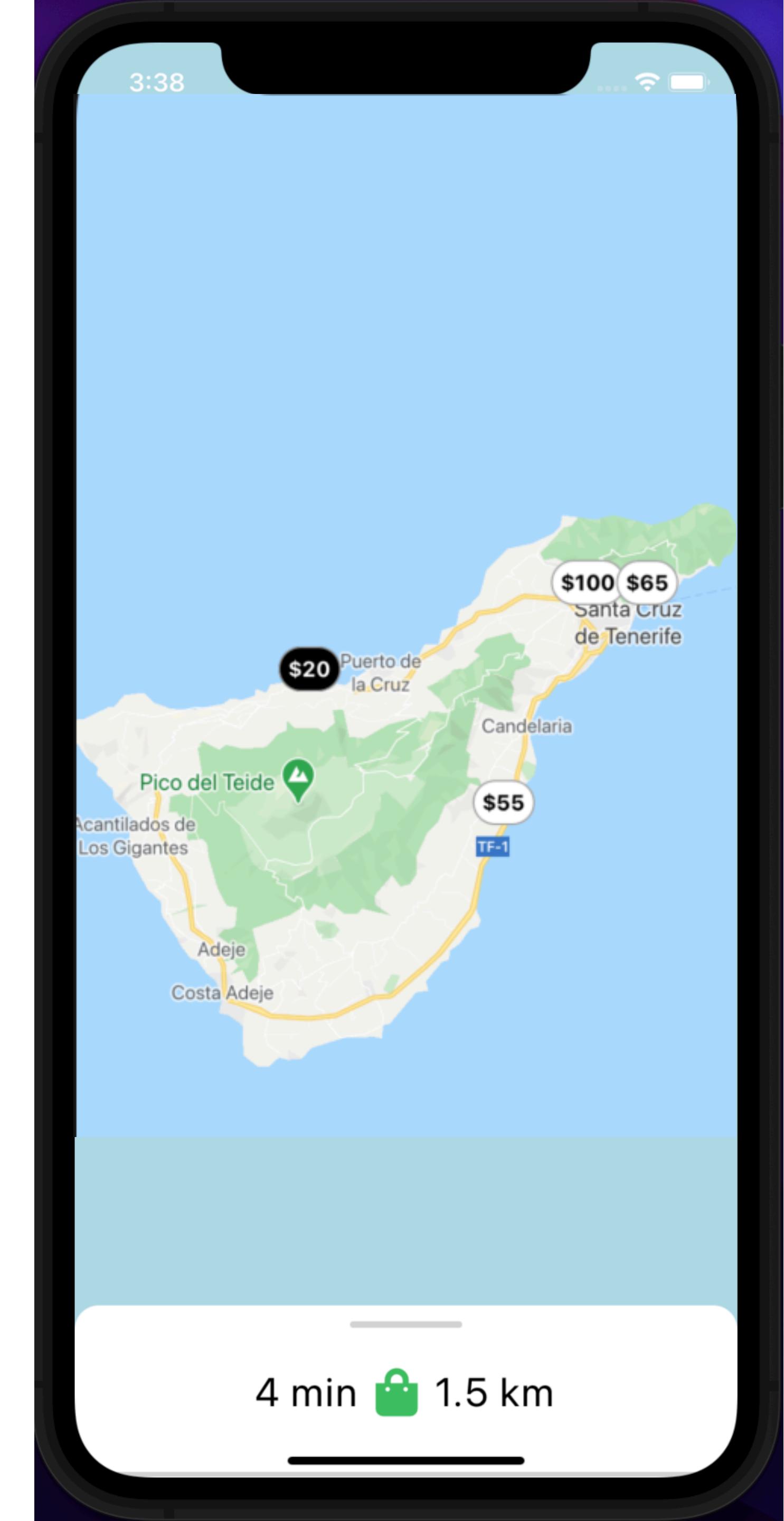
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Delivery route to the restaurant



- Render directions

```
<MapViewDirections
    origin={userLocation}
    destination={endDestination}
    apikey={"Google API Key"}
    waypoints={[{ latitude: 37.903, longitude: -122.427843 }]}
    strokeWidth={10}
    strokeColor="#3FC060"
    onReady={(result) => {
      if (result.distance < 0.5) {
        setIsCourierClose(true);
      }
      setTotalKm(result.distance);
      setTotalTime(result.duration);
    }}
  />
```



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Demo

