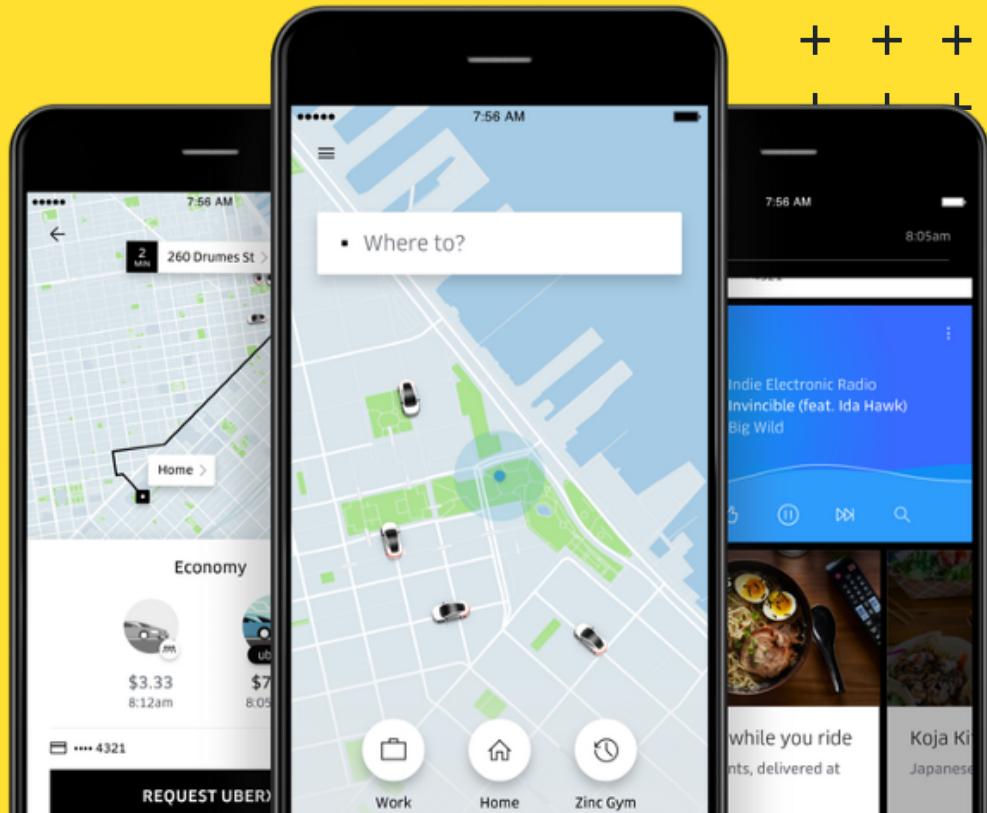


notJust

//development

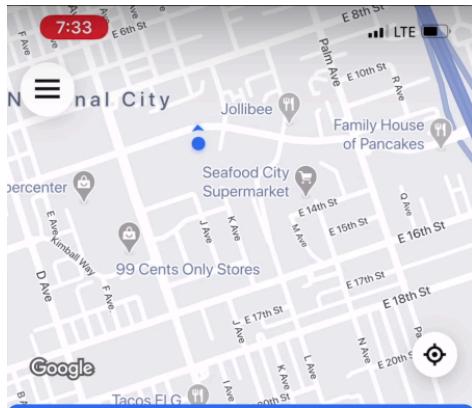
Uber Clone in React Native

Build a full stack Taxi mobile app



We are going to build

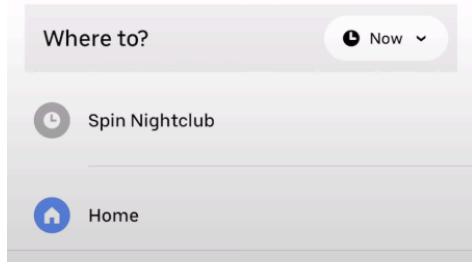
Home



Travel only if necessary

Help flatten the curve. If you must travel, please exercise caution for your safety and the safety of our community.

[Learn more →](#)

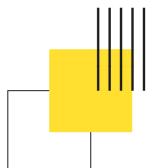


Where to?

Now

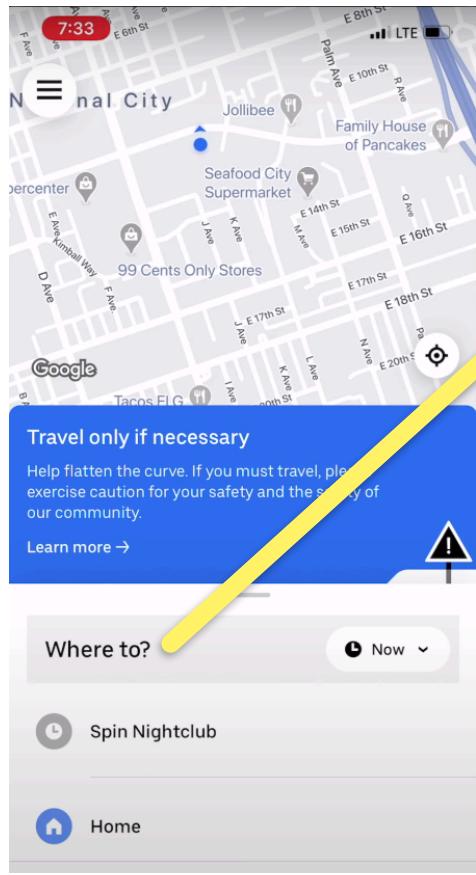
Spin Nightclub

Home

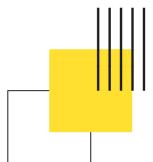
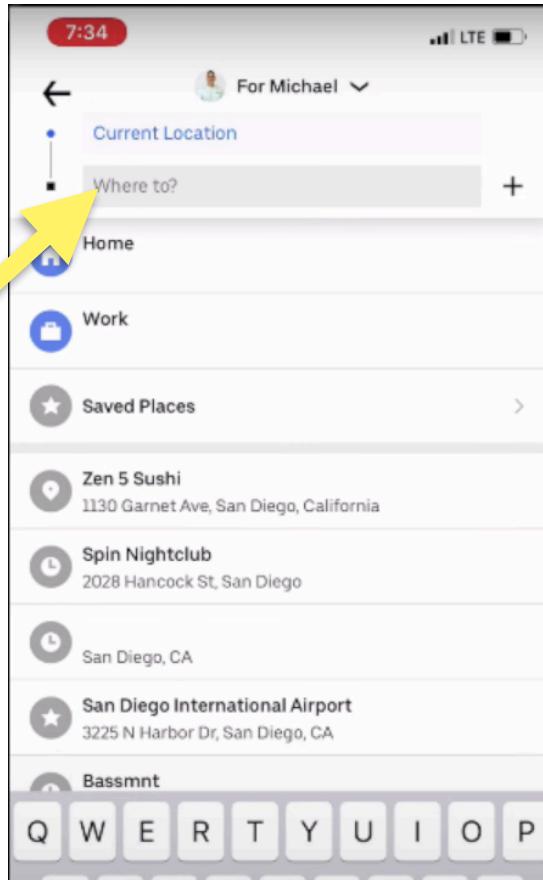


We are going to build

Home

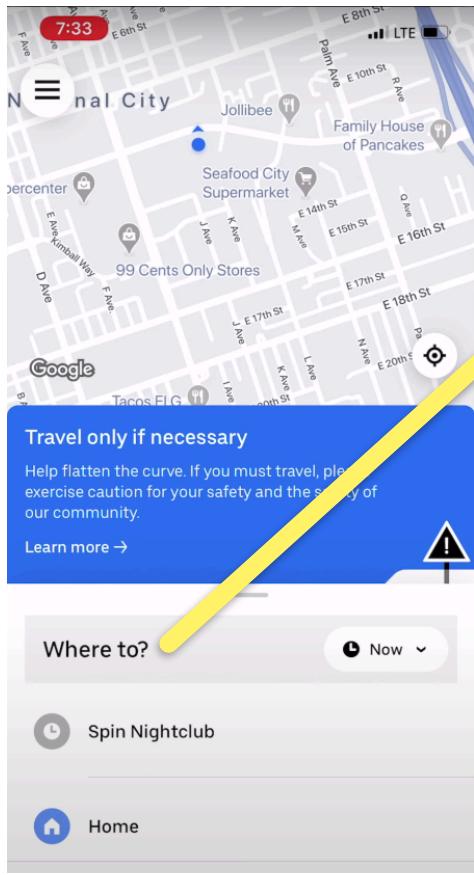


Search Page

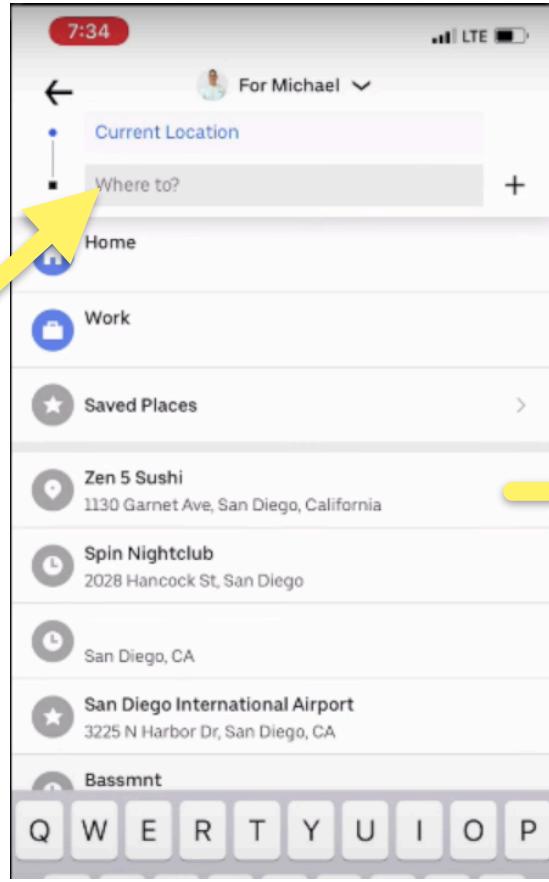


We are going to build

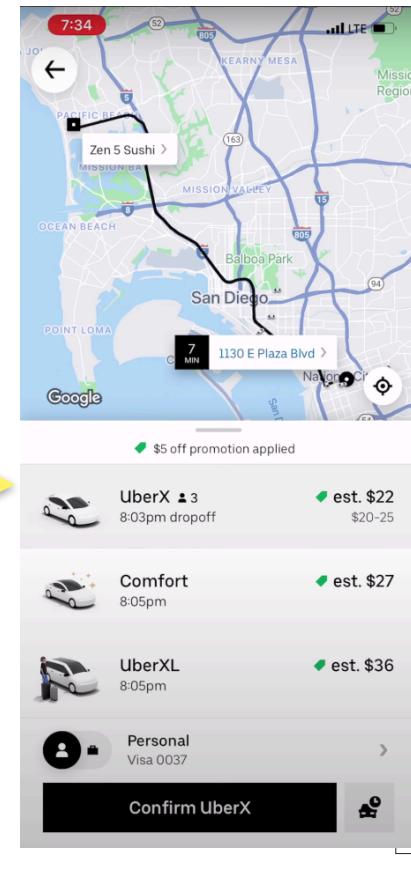
Home



Search Page

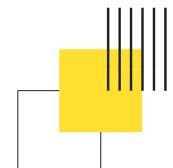
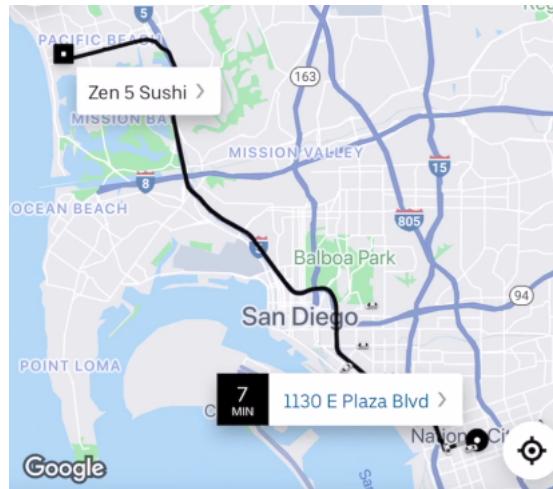


Route Confirmation



We are going to build

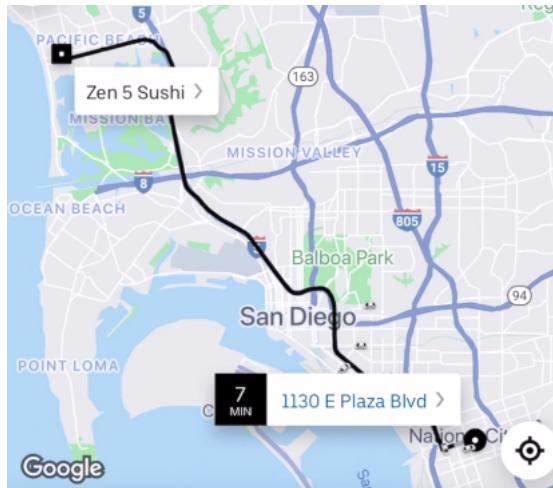
Maps & Directions



We are going to build

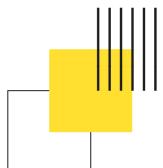
Google Autocomplete

Maps & Directions



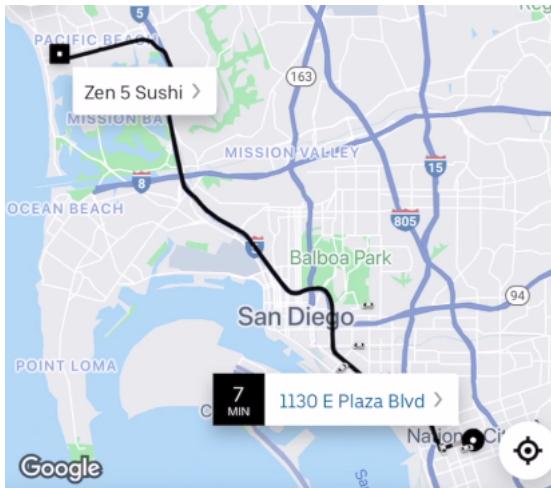
Zen 5

- Zen 5 Sushi
1130 Garnet Ave, San Diego, California
- 53 Zen Gdn
Irvine, California
- 50 Zen Gdn
Irvine, California
- 57 Zen Gdn
Irvine, California
- 55 Zen Gdn
Irvine, California
- Set location on map

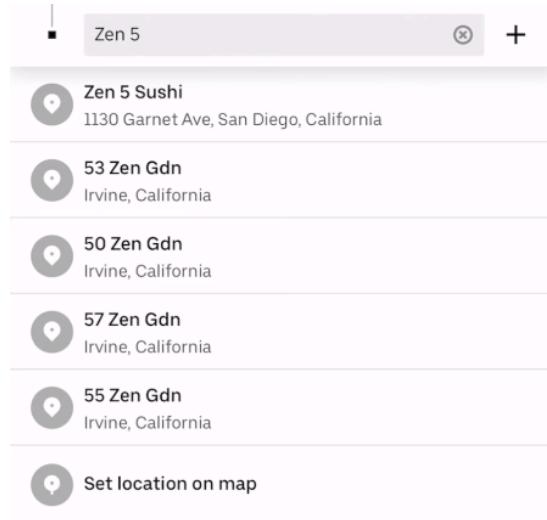


We are going to build

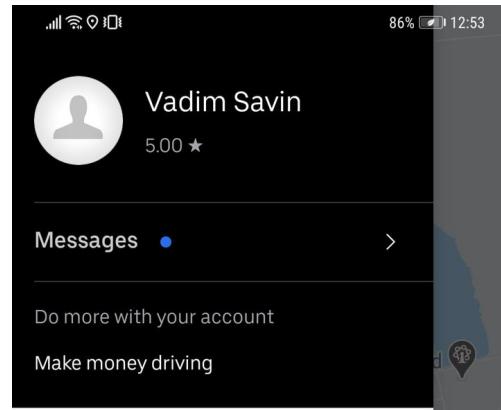
Maps & Directions



Google Autocomplete



Drawer Navigator (Hamburger menu)



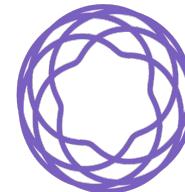
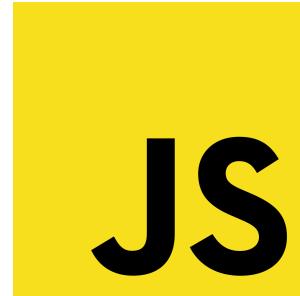
Your trips

Help

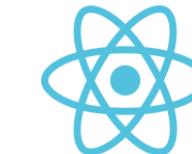
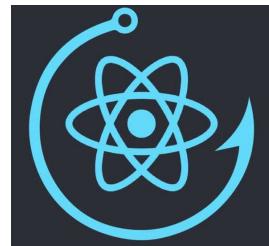
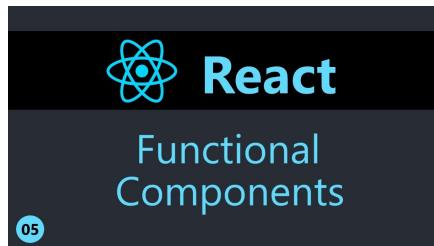
Wallet

Settings

Front-end technologies



React Navigation



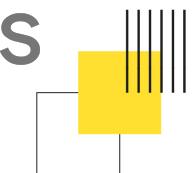
Vector Icons



Choose from 3K+ icons or use your own



Google Maps



You will learn

- ||| - How to setup a React Native project
- ||
- ||
- ||
- ||
- ||
- ||



You will learn

- How to setup a React Native project
- Render built-in elements/components



You will learn

- ||| - How to setup a React Native project
- ||| - Render built-in elements/components
- ||| - Create your own components



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- ||| - Functional components



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- ||| - Props

- | |

- |||

- |||



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- |||



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- ||| - State
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- ||| - Functional components
- ||| - Props
- ||| - State
- ||| - Navigation
- ||| - Install 3rd party libraries
- ||| - Work with Google Maps, Google Places API
- |||



Who am I



- Full stack developer for >7yrs
- CTO @Fitinium
- ex Amazon SDE
- Passionate about coding and building impactful startups.



Prerequisites

1. React Native environment set up
2. Google developer account
3. Dummy data, images, icons, PDF presentation:
<https://assets.notjust.dev/uber>

notJust

//development



Let's get started



Let's get started

Initialise the expo project:

```
$ npx react-native init Uber
```

||| Run the development server

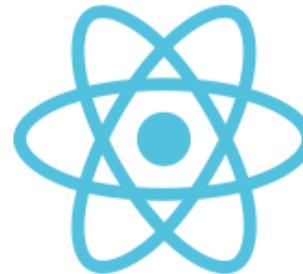
```
$ yarn start           $ npm start
```

||| Run the app on iOS

```
$ yarn ios            $ npm run ios
```

||| Run the app on android

```
$ yarn android        $ npm run android
```



Vector Icons



Choose from 3K+ icons or use your own

Vector icons

Install vector icons

```
$ yarn add react-native-vector-icons
```

```
$ npm install react-native-vector-icons
```

IOS: Add UIAppFonts to Info.plist

Android: Add to the android/app/build.gradle

```
apply from: "../../node_modules/react-native-vector-icons/fonts.gradle"
```

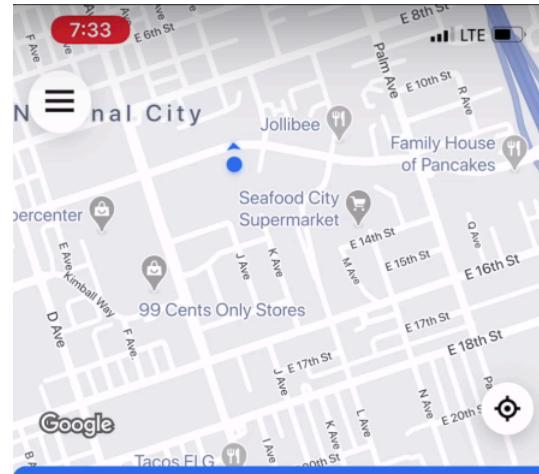
Install pods (iOS only)

```
$ npx pod-install ios
```

Home Screen



- Dummy Map component
- Message Box
- Where to? Component



Travel only if necessary

Help flatten the curve. If you must travel, please exercise caution for your safety and the safety of our community.

[Learn more →](#)



Where to?

Now

Spin Nightclub

Home

302 pts

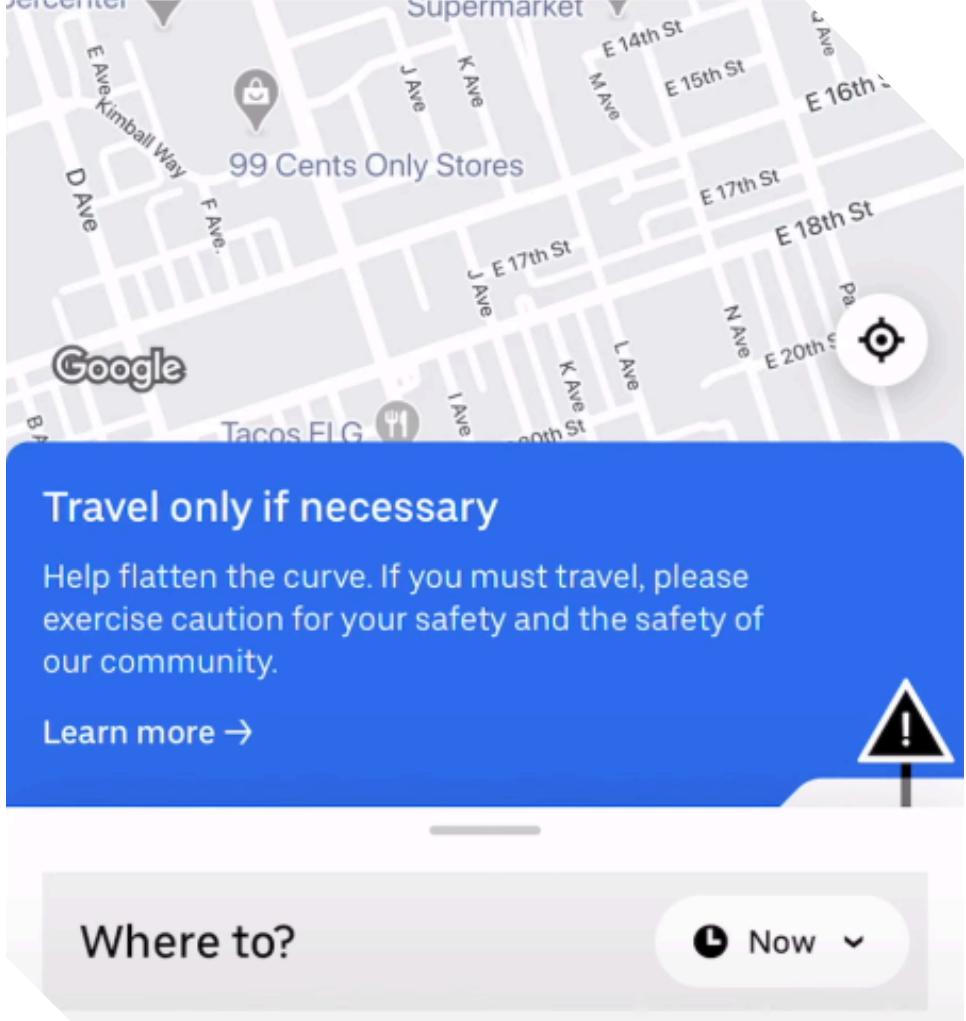
Rewards Hub



Home Screen



- Dummy Map component
- **Message Box**
- Where to? Component

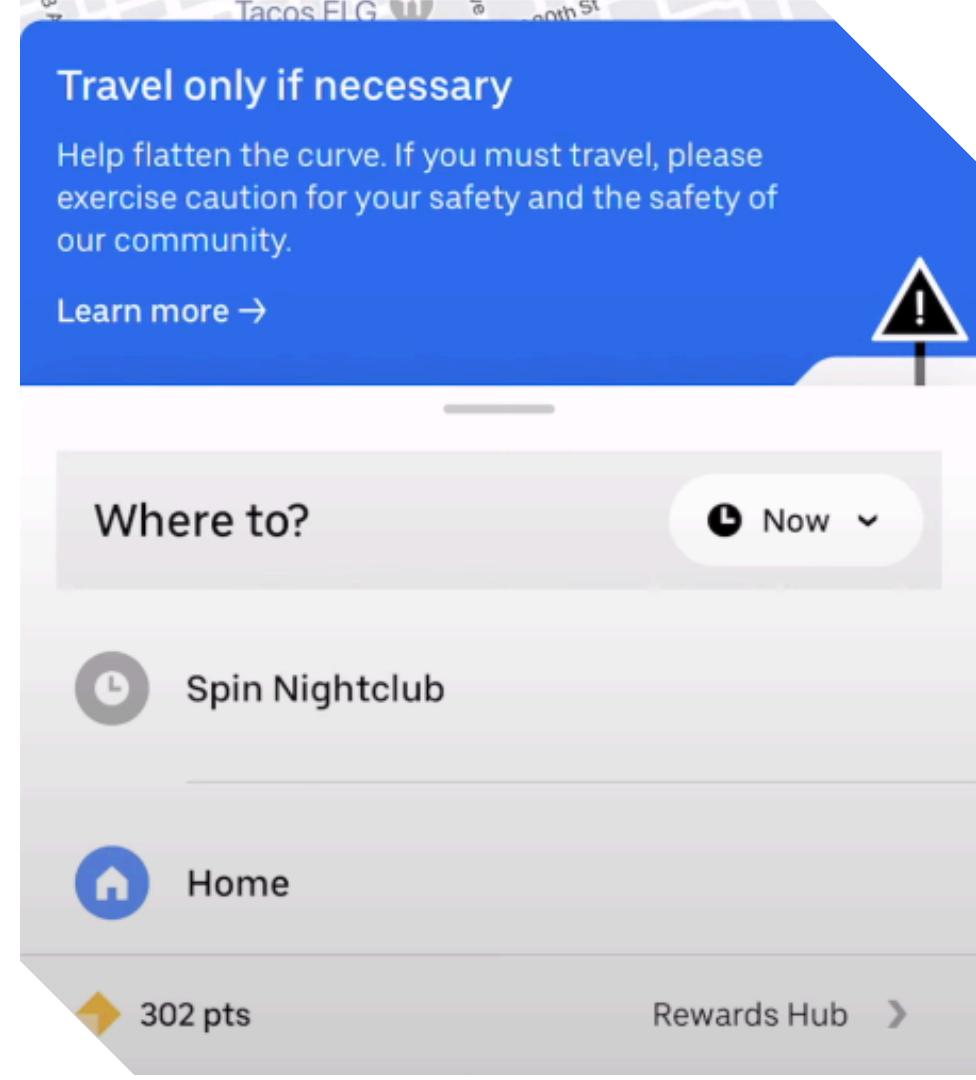




Home Screen



- Dummy Map component
- Message Box
- **Where to? Component**

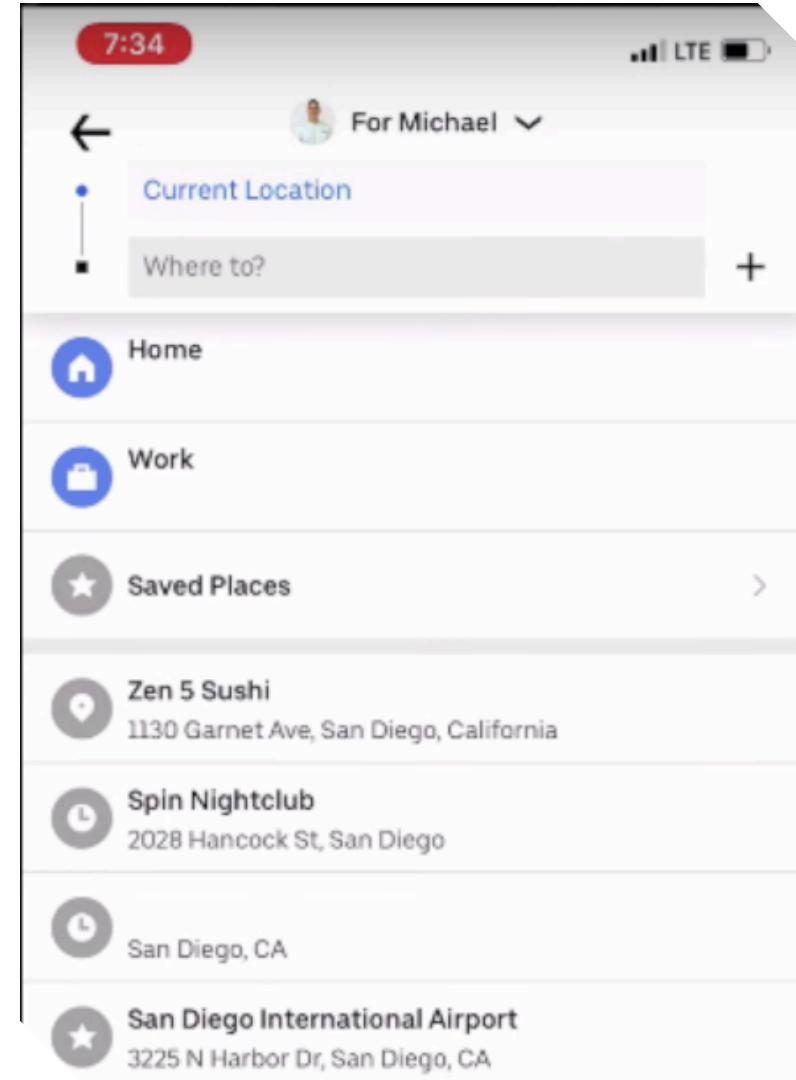




Search Page



- Location input boxes
- Default locations (Home, Work)
- Location row



Places Autocomplete



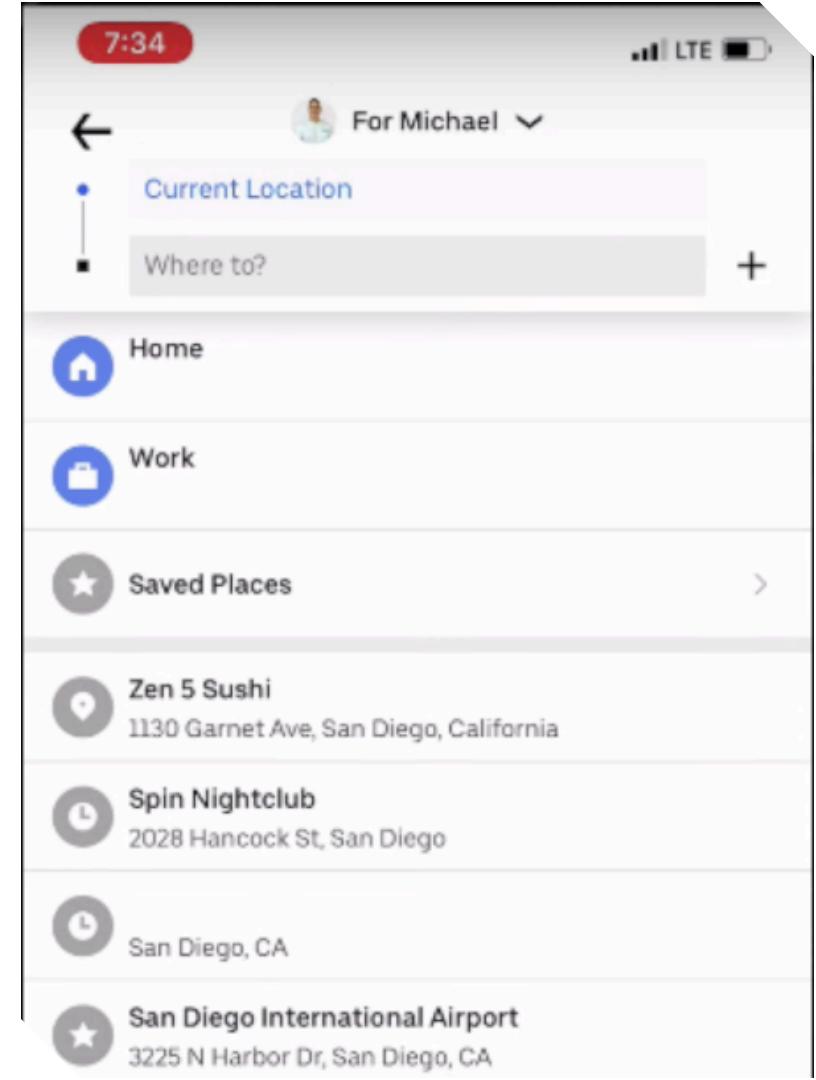
Library: **React Native Google Places Autocomplete**



<https://www.npmjs.com/package/react-native-google-places-autocomplete>



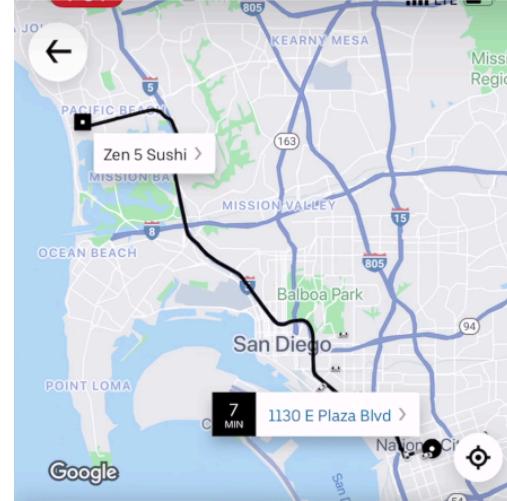
1. install library
2. Enable google API
3. Make sure billing is enabled
4. Get API Key



Search Result



- Dummy Map view
- List of Uber cars
- Confirm Uber ride



\$5 off promotion applied

	UberX <small>▲ 3</small> 8:03pm dropoff	est. \$22 \$20-25
	Comfort 8:05pm	est. \$27
	UberXL 8:05pm	est. \$36
	Personal Visa 0037	

Confirm UberX

Maps

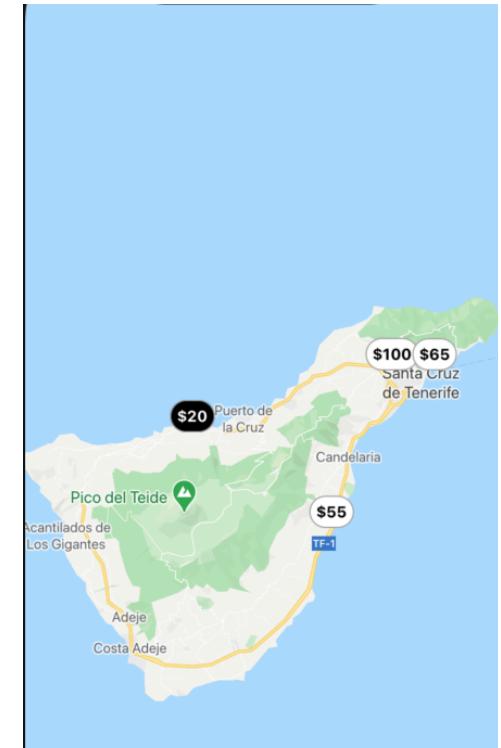


Library: **React Native Maps**

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



1. install library
2. Enable google API
3. Make sure billing is enabled
4. Get API Key



Maps Directions



Library: **React Native Maps Directions**



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



```
latitude: 37.790790,  
longitude: -122.442753,  
  
latitude: 37.790651,  
longitude: -122.422497,  
  
GOOGLE_MAPS_APIKEY = '...';  
  
RNMapsDirectionsExample extends Component {  
  render() {  
    <MapView initialRegion={initialRegion} style={StyleSheet.absoluteFillObject}>  
      <MapView.Marker coordinate={coordinates[0]} />  
      <MapView.Marker coordinate={coordinates[1]} />  
      <MapViewDirections  
        origin={coordinates[0]}  
        destination={coordinates[1]}  
        apikey={GOOGLE_MAPS_APIKEY}  
        strokeWidth={3}  
        strokeColor="hotpink"  
      />  
    </MapView>  
  
    default RNMapsDirectionsExample;
```

Navigation

Install React-Navigation Library:

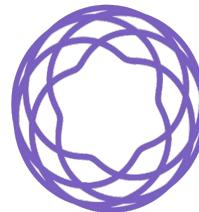
Installing Dependencies

Install the pods (for Mac and IOS only)

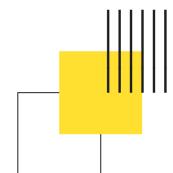
```
$ npx pod-install ios
```

Import Gesture handler

```
Import 'react-native-gesture-handler'
```



React Navigation



notJust

//development



DEMO



notJust
//development



Q&A

