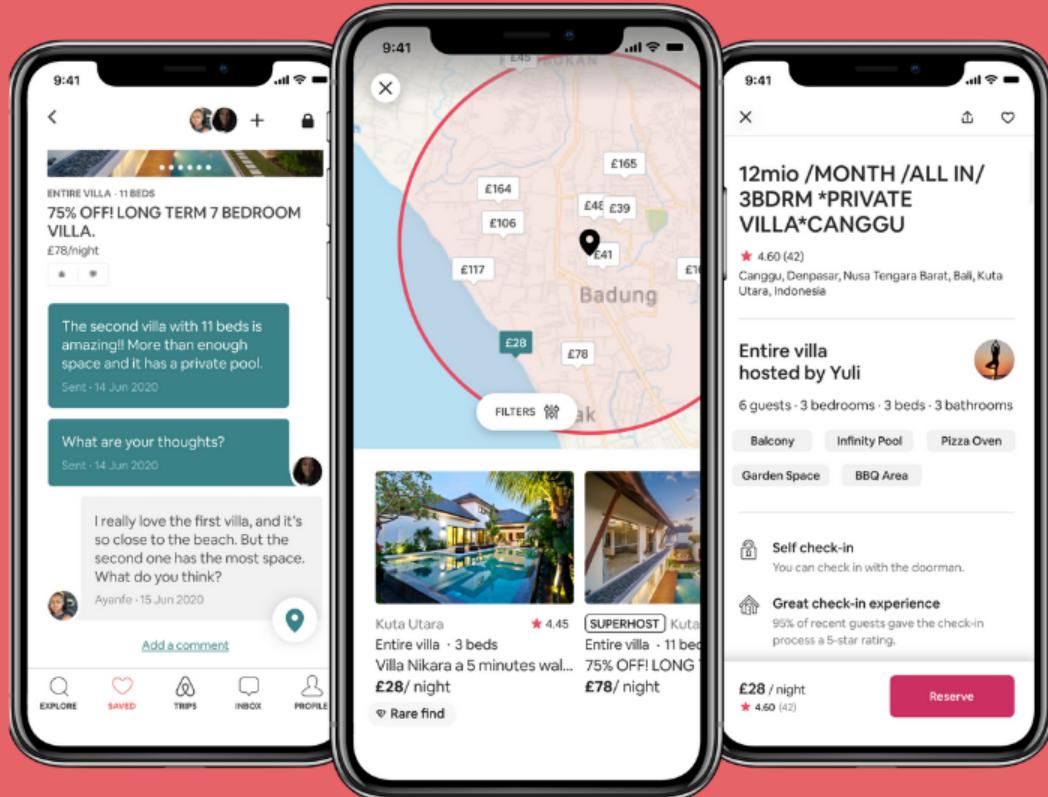
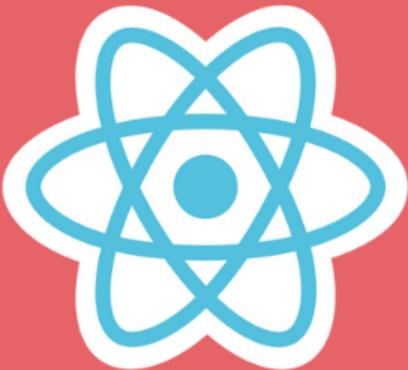
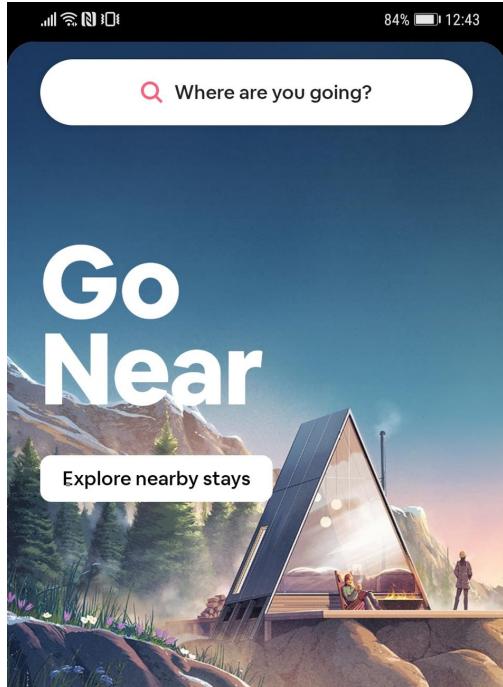


React Native

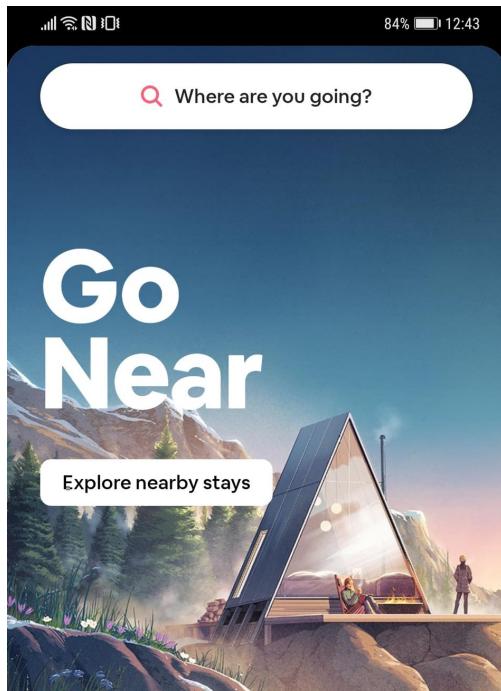
Airbnb Clone



We are going to build



We are going to build



Tenerife, Spain

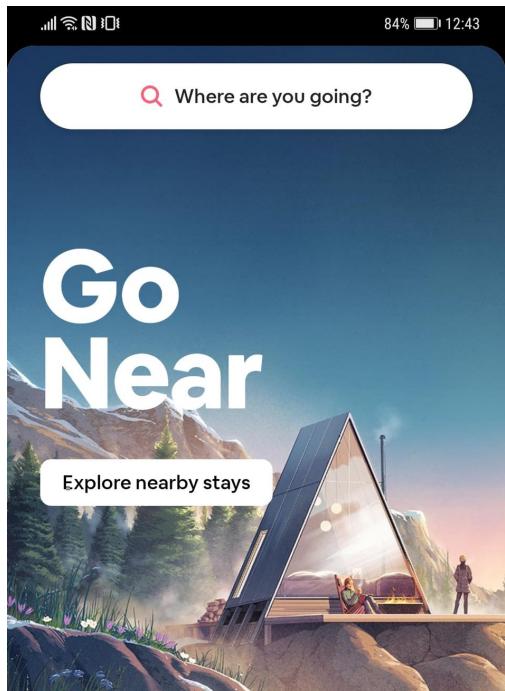
Tenerife, Playa de la Américas

Tenby

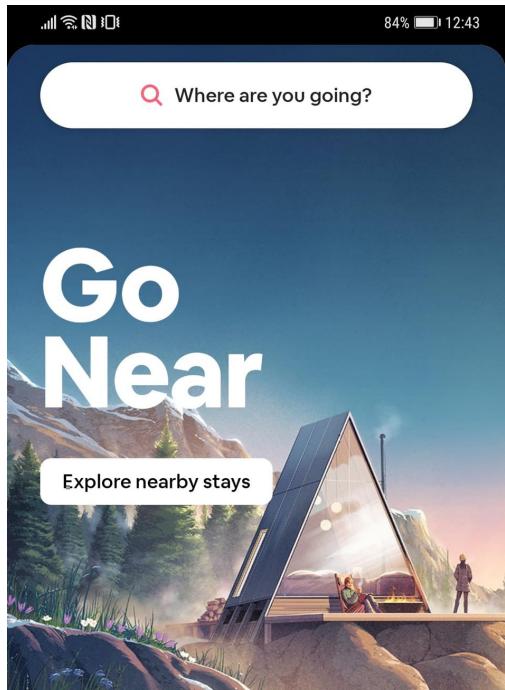
Tenby, Saundersfoot

Tenerife, Costa Adeje

We are going to build



We are going to build



84% 12:43

← Tenerife 1 Feb 2021 – 8... | ☀

Review COVID-19 travel restrictions before you book. [Learn more](#)

90% 11:01

Tenerife, Spain 11–14 Dec

Where are you going?

Tenerife, Spain

Tenerife, Playa de...

Tenby

Tenby, Saunders...

Tenerife, Costa A...

1 bed · 1 bedroom

Entire flat · Puerto de la Cruz

Bonito estudio con vistas en el Taor...

\$43 \$36 / night

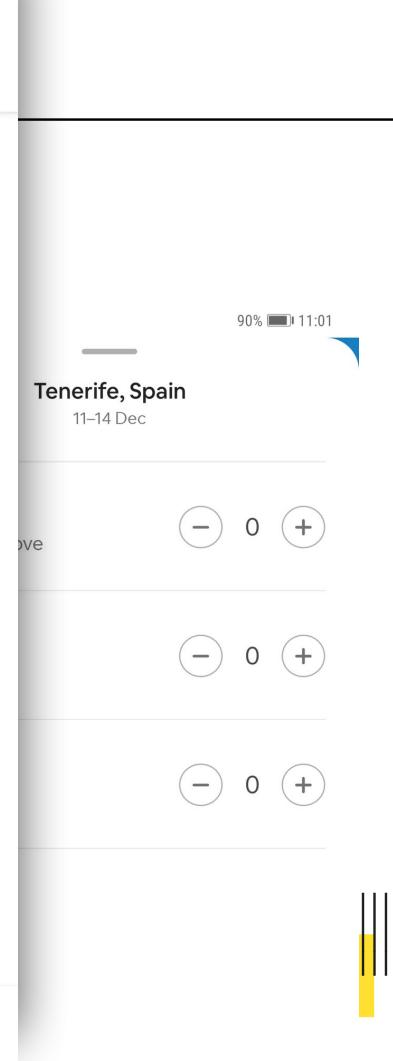
\$247 total

SUPERHOST

Map

Explore Saved Trips Inbox Profile

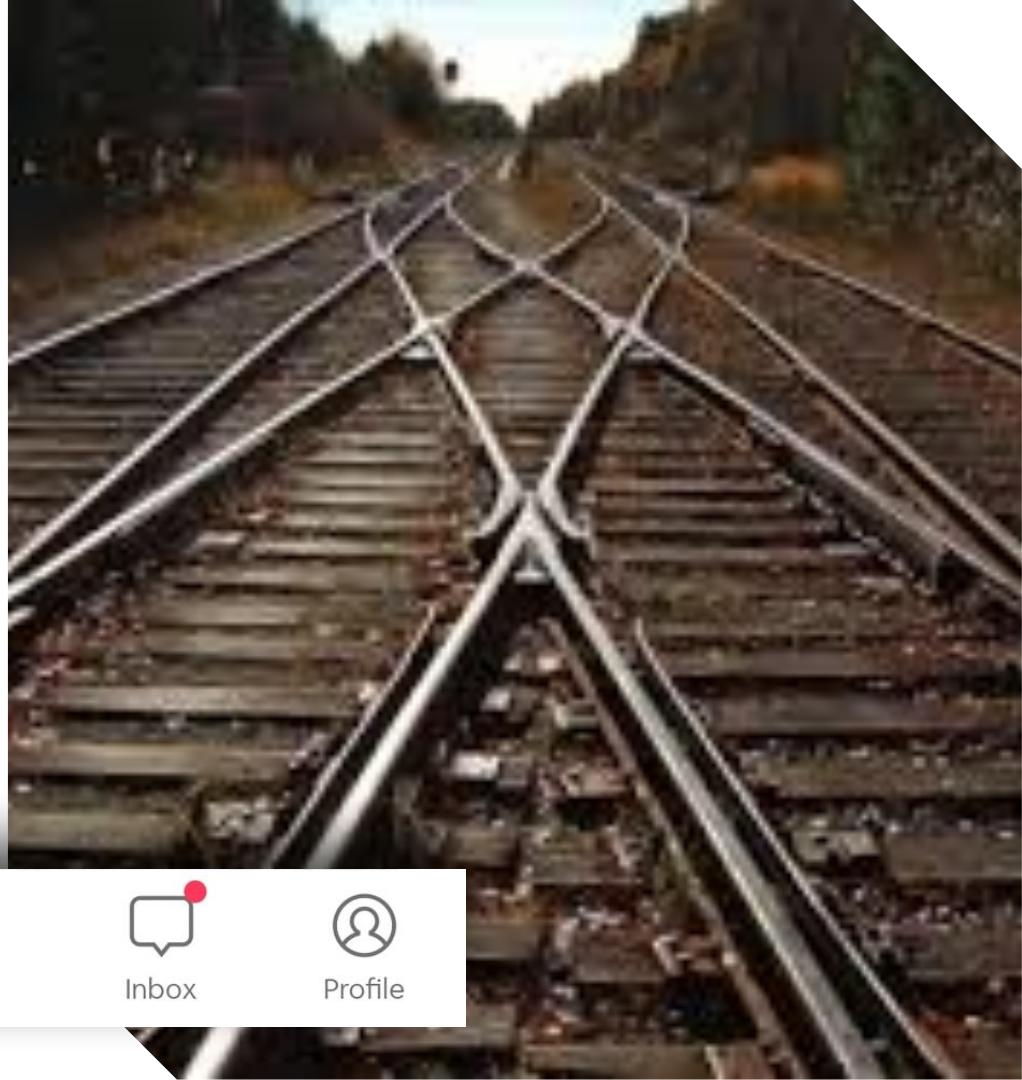
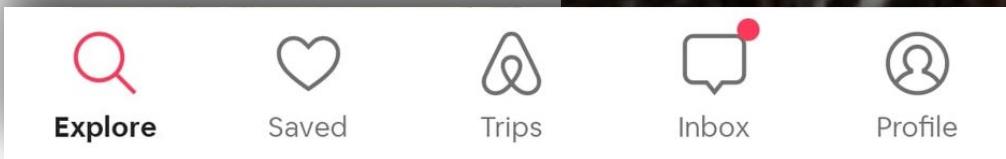
This screen shows a travel search results page for Tenerife, Spain. It includes a header with flight information and a COVID-19 travel warning. Below are search suggestions for Tenerife, Playa de..., Tenby, Tenby, Saunders..., and Tenerife, Costa A.... The main listing for Tenerife shows a balcony view, details for an entire flat in Puerto de la Cruz, and a price of \$36 per night for a one-bedroom unit. A "SUPERHOST" badge is present. At the bottom are navigation icons for Explore, Saved, Trips, Inbox, and Profile.



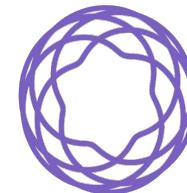
Navigation



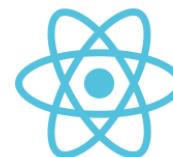
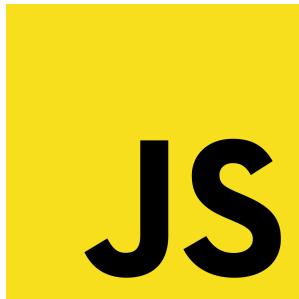
- React Navigation v5
- Stack Navigation
- Tab Navigation



Front-end technologies



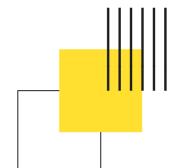
React Navigation



Vector Icons



Choose from 3K+ icons or use your own



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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- ||| - Render built-in elements/components
- ||| - Create your own components
- ||| - Functional components



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- ||| - Functional components
- ||| - Props

- | |

- |||

- |||



You will learn

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- ||| - Functional components
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- ||| - State



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- ||| - Create your own components
- ||| - Functional components
- ||| - Props
- ||| - State
- ||| - Navigation
- |||
- |||



Who am I



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



Let's get started

Initialise the expo project:

```
$ npx react-native init Airbnb
```

||| Run the development server

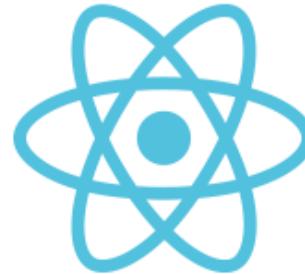
```
$ yarn start
```

||| Run the app on iOS

```
$ yarn ios
```

||| Run the app on android

```
$ yarn android
```



Vector Icons



Choose from 3K+ icons or use your own

Vector icons

Install vector icons

```
$ yarn add 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"
```

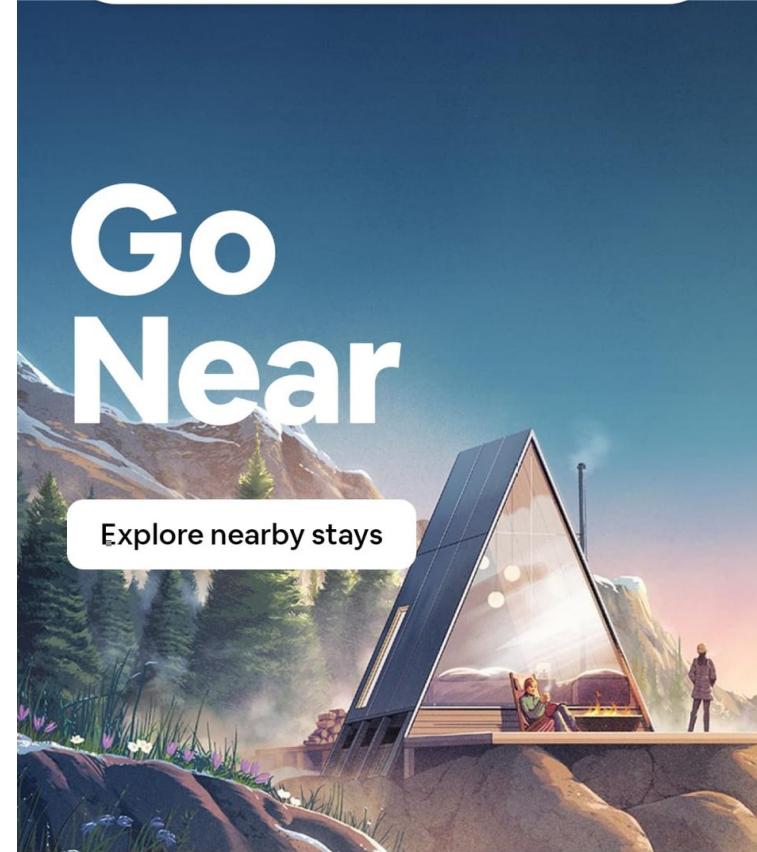
||| Install pods (iOS only)

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

Home Screen



- Search button
- Background Image
- Page title
- Explore button



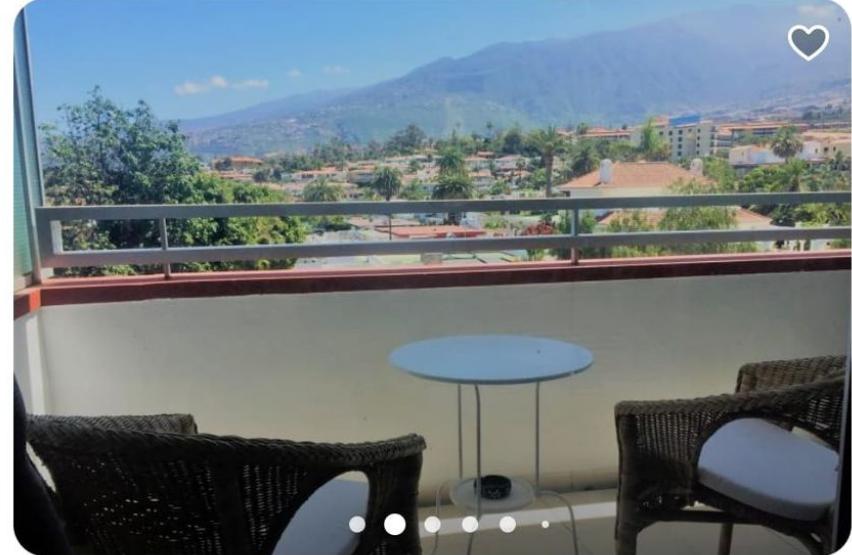
Live anywhere



Post Component



The component that will display a single item in the list



1 bed · 1 bedroom

Entire flat · Puerto de la Cruz

Bonito estudio con vistas en el Taor...

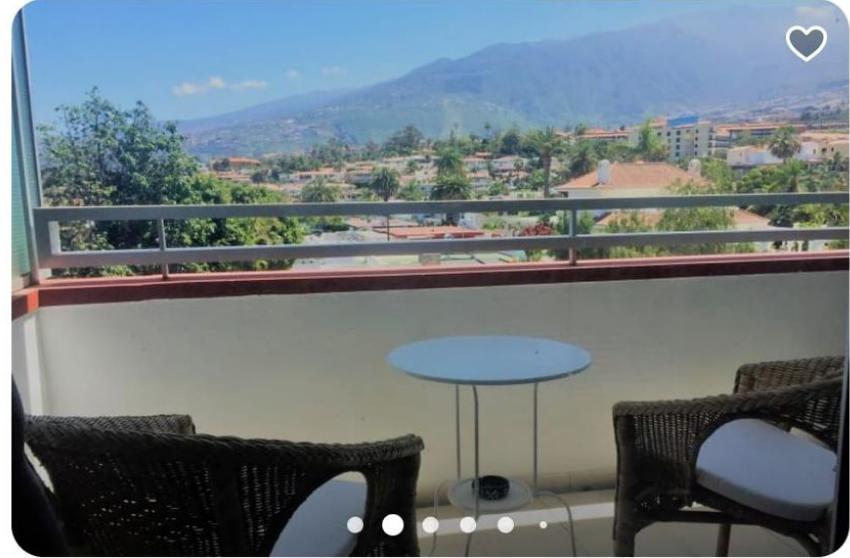
\$43 \$36 / night

\$247 total

Post Component Props



Get data from Props to make the component reusable



1 bed · 1 bedroom

Entire flat · Puerto de la Cruz

Bonito estudio con vistas en el Taor...

~~\$43~~ \$36 / night

\$247 total

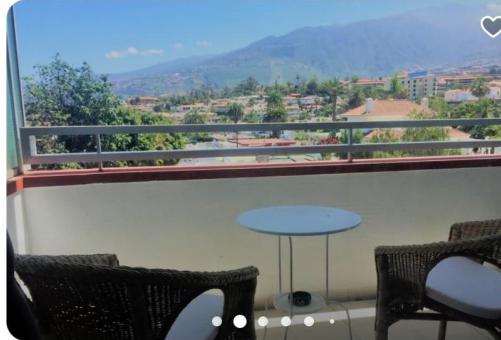
List of posts



Display posts in a FlatList



Review COVID-19 travel restrictions
before you book. [Learn more](#)



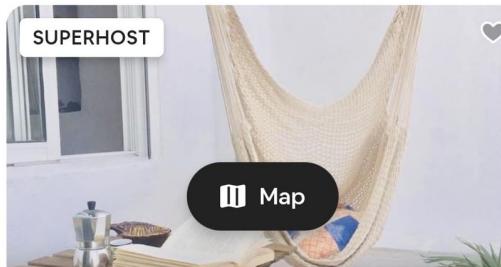
1 bed · 1 bedroom

Entire flat · Puerto de la Cruz

Bonito estudio con vistas en el Taor...

\$43 \$36 / night

\$247 total



← Te|
X



Tenerife, Spain



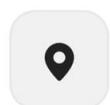
Tenerife, Playa de la Américas



Tenby



Tenby, Saundersfoot



Tenerife, Costa Adeje

Location Search Page





Tenerife, Spain
11-14 Dec

Adults

Ages 13 or above

(-) 0 (+)

Children

Ages 2–12

(-) 0 (+)

Infants

Under 2

(-) 0 (+)

Guests Page

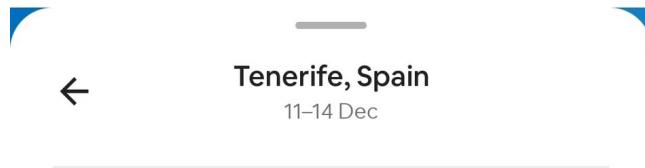




Guests Page: State



Use state to store the values of the fields



Adults

Ages 13 or above

− 0 +

Children

Ages 2–12

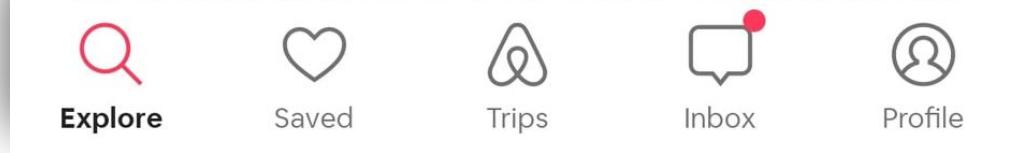
− 0 +

Infants

Under 2

− 0 +

Navigation



Install React-Navigation Library:

```
$ yarn add @react-navigation/native @react-navigation/bottom-tabs @react-navigation/stack
```

Installing Dependencies

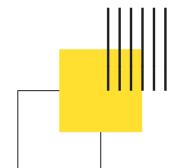
```
$ yarn add react-native-reanimated react-native-gesture-handler react-native-screens react-native-safe-area-context @react-native-community/masked-view
```

Install the pods (for Mac and IOS only)

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

Import Gesture handler

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



notJust

//development



DEMO



notJust
//development



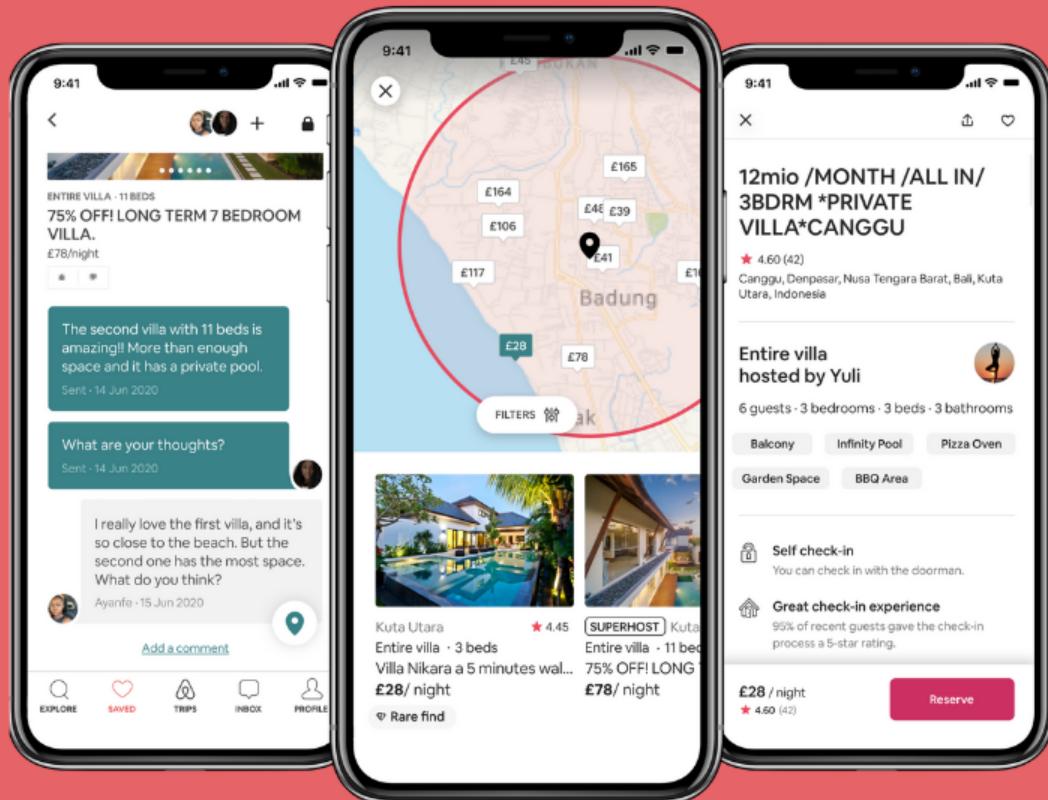
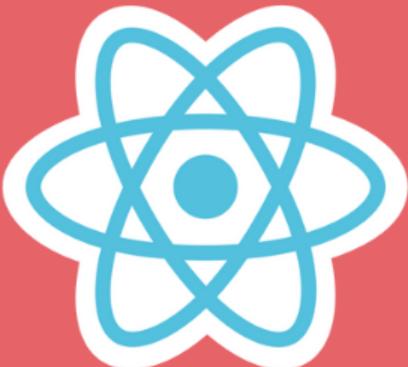
Q&A



React Native

Airbnb Clone

Advanced UI



We are going to build

Places autocomplete

Powered by google

Home

Search your destination

Tene



Tenerife, Spain



Teneriffe QLD, Australia



Tenejapa, Chis., Mexico

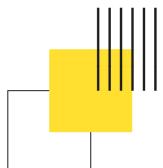


Ténès, Algeria



Tenente Portela, RS, Brazil

powered by Google



We are going to build

Places autocomplete

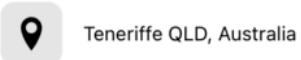
Powered by google

[Home](#) Search your destination

Tene ×



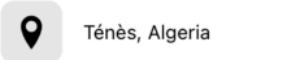
Tenerife, Spain



Teneriffe QLD, Australia



Tenejapa, Chis., Mexico



Ténès, Algeria

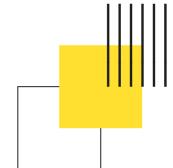
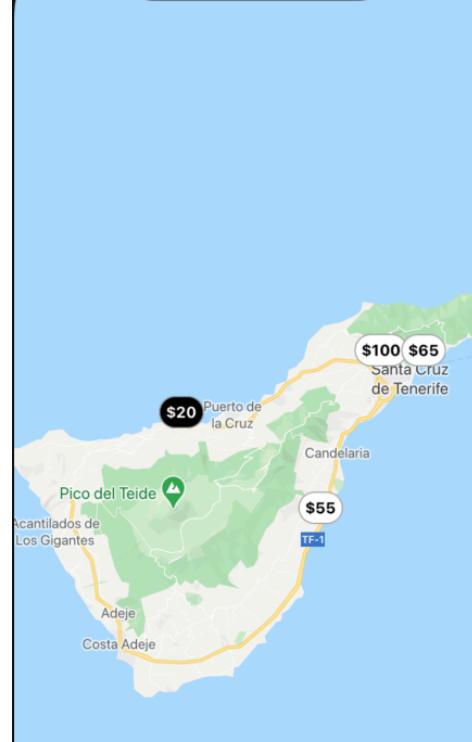


Tenente Portela, RS, Brazil

powered by

Maps View

With custom markers



We are going to build

Places autocomplete

Powered by google

[Home](#) Search your destination

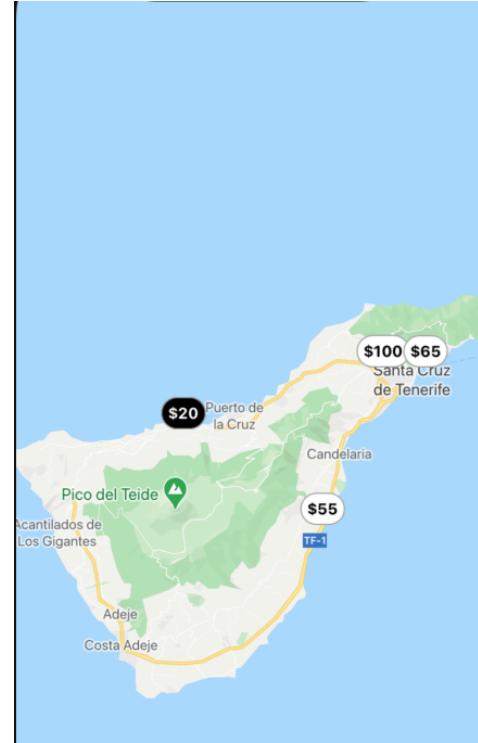
Tene ×

-  Tenerife, Spain
-  Teneriffe QLD, Australia
-  Tenejapa, Chis., Mexico
-  Ténès, Algeria
-  Tenente Portela, RS, Brazil

powered by 

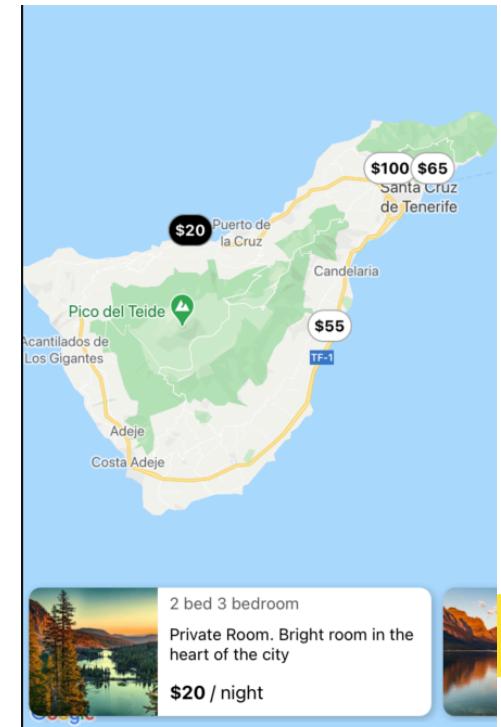
Maps View

With custom markers



Carousel List

Connected with the map



notJust

//development



DEMO



Who am I



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



Finish Navigation



1. Stack Navigator for the Explore Tab
2. Tab bar navigator for the Search Result Page



```
$ yarn add @react-navigation/material-top-tabs react-native-tab-view
```



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



The screenshot shows a mobile application interface for searching destinations. At the top, there is a back arrow labeled 'Home' and a search bar with the placeholder 'Search your destination'. Below the search bar, the text 'Tene' is typed into the search field. A list of search results is displayed, each consisting of a location pin icon and a place name. The results are:

- Tenerife, Spain
- Teneriffe QLD, Australia
- Tenejapa, Chis., Mexico
- Ténès, Algeria
- Tenente Portela, RS, Brazil

At the bottom right of the screen, there is a small 'powered by Google' logo.

Maps

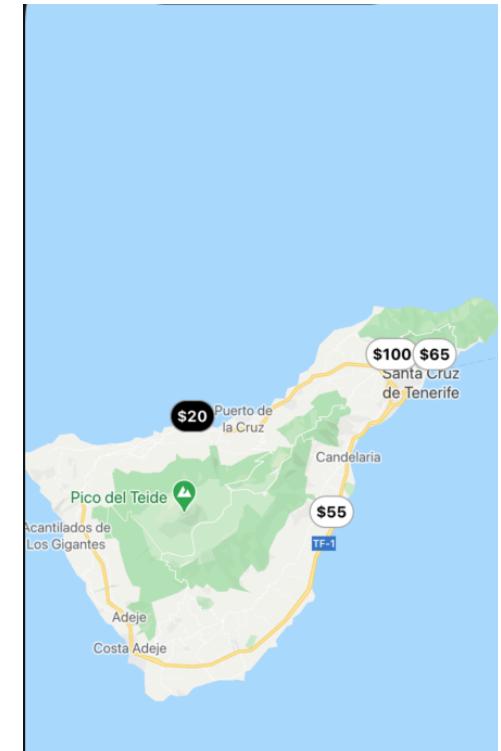


Library: **React Native Maps**

<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



Place Carousel Item component

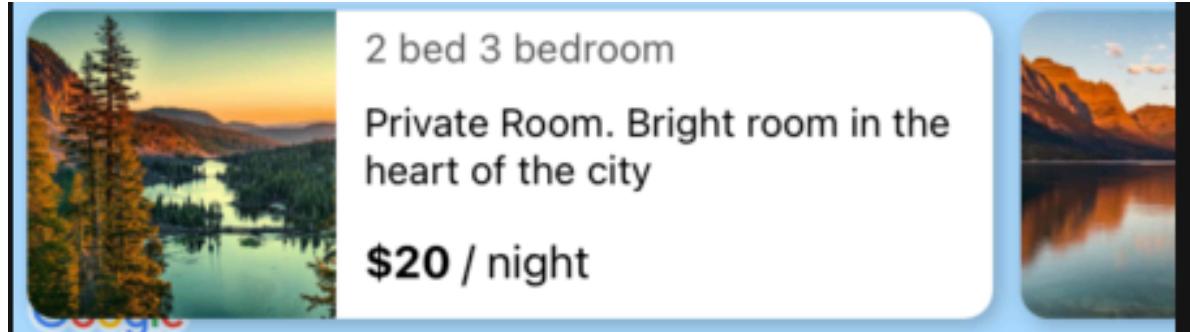


2 bed 3 bedroom

Private Room. Bright room in the
heart of the city

\$20 / night

Carousel Flatlist



1. Render the Flatlist
2. Snap Effect (Carousel)
3. Sync with the Map



notJust

//development

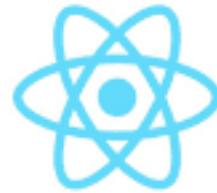


DEMO



notJust

//development



React Native



AWS Amplify

Next week

Back end integration using AWS Amplify

Authentication, GraphQL API, Storage and more



notJust
//development



Q&A

