**React Navigation**

**Installation**

npm install @react-navigation/native

yarn add @react-navigation/native

React Navigation is made up of some core utilities and those are then used by navigators to create the navigation structure in your app.

The libraries we will install now are [react-native-screens](https://github.com/software-mansion/react-native-screens) and [react-native-safe-area-context](https://github.com/th3rdwave/react-native-safe-area-context).

### **Installing dependencies into a bare React Native project**

In your project directory, run:

npm install react-native-screens react-native-safe-area-context

If you're on a Mac and developing for iOS, you need to install the pods (via [Cocoapods](https://cocoapods.org/" \t "_blank)) to complete the linking.

npx pod-install ios

react-native-screens package requires one additional configuration step to properly work on Android devices. Edit MainActivity.java file which is located in android/app/src/main/java/<your package name>/MainActivity.java.

Add the following code to the body of MainActivity class:

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(null);

}

and make sure to add an import statement at the top of this file:

import android.os.Bundle;

## Installing the native stack navigator library

The libraries we've installed so far are the building blocks and shared foundations for navigators, and each navigator in React Navigation lives in its own library. To use the native stack navigator, we need to install [@react-navigation/native-stack](https://github.com/react-navigation/react-navigation/tree/main/packages/native-stack) :

npm install @react-navigation/native-stack

