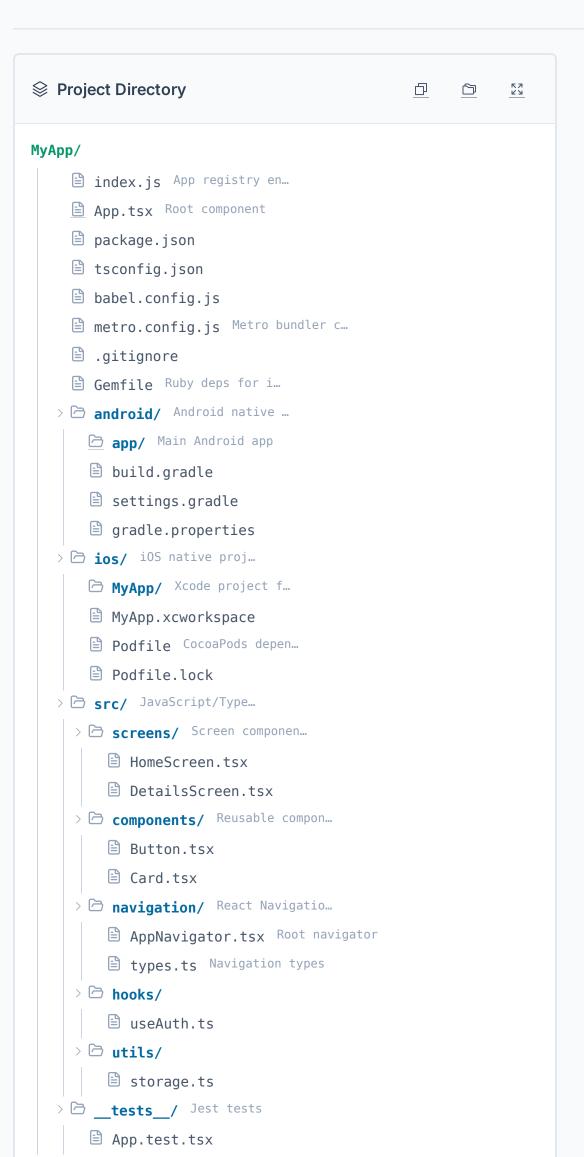
# React Native Bare Workflow Project Structure

Full native code access. Run native modules and control iOS/Android projects directly.

#react-native #bare #mobile #ios #android #native





## **○** Why This Structure?

Bare workflow gives you full access to native iOS and Android projects. You can add any native module, customize build settings, and integrate native SDKs. Essential when Expo's managed workflow can't meet your needs.

## **□** Key Directories

android/ - Full Android Studio project—modify Gradle, add native modules

ios/ - Xcode project with Podfile for native dependencies

src/ - All JavaScript/TypeScript code lives here

src/navigation/ - React Navigation configuration and types

src/screens/ - Screen components mapped to routes

### > Getting Started

- 1. npx react-native@latest init MyApp
- 2. cd MyApp
- 3. npx pod-install # Install iOS CocoaPods
- 4. npx react-native run-ios # or run-android

#### **☑** When To Use This

- Need native modules not supported by Expo
- Integrating native SDKs (payments, maps, analytics)
- Require custom native code (Swift/Kotlin)
- Full control over build configuration
- Enterprise apps with specific native requirements

## ↑ When To Upgrade

- App architecture becomes complex (consider feature-based)
- Multiple teams working on different features
- State management needs structure
- Need better code organization and scalability

## 

Setup complexity - Must configure Xcode, Android Studio, CocoaPods

**Build times** - Native builds are slower than Expo Go preview

Maintenance - Must handle native upgrades and breaking changes