Ride App - Project Documentation

### Introduction

This project is a mobile application named **“Ride App”** developed using React Native. The application has a complete UI for a ride booking application.

### Getting Started

#### Prerequisites

- Node.js

- React Native CLI

- Xcode (for iOS development)

- Android Studio (for Android development)

Follow this [React Native Setup](https://reactnative.dev/docs/environment-setup) for instructions to install Node.js, React Native CLI, Xcode and Android Studio on your device.

#### Installation

1. Install the dependencies. → To install the dependencies, open the terminal and write “npm install”

2. For iOS, navigate to the ios directory and install the CocoaPods dependencies. → Inside the terminal, write “cd ios” to navigate to the ios directory and then write “pod install” to install the dependencies.

#### Running the Application

Note: Make sure you have completed the React Native - Environment Setup before proceeding.

##### Step 1: Start the Metro Server

First, you will need to start Metro, the JavaScript bundler that ships with React Native.

To start Metro, run the following command from the root of your React Native project:

**# using npm**

npm start

**# OR using Yarn**

yarn start

##### Step 2: Start your Application

Let Metro Bundler run in its own terminal. Open a new terminal from the root of your React Native project. Run the following command to start your Android or iOS app:

For Android

**# using npm**

npm run android

**# OR using Yarn**

yarn android

For iOS

**# using npm**

npm run ios

**# OR using Yarn**

yarn ios

If everything is set up correctly, you should see your new app running in your Android Emulator or iOS Simulator shortly provided you have set up your emulator/simulator correctly.

This is one way to run your app — you can also run it directly from within Android Studio and Xcode respectively.

##### Step 3: Modifying your App

Now that you have successfully run the app, let's modify it.

Open App.tsx in your text editor of choice and edit some lines.

#### For Android:

Press the R key twice or select "Reload" from the Developer Menu (Ctrl + M (on Window and Linux) or Cmd ⌘ + M (on macOS)) to see your changes!

#### For iOS:

Hit Cmd ⌘ + R in your iOS Simulator to reload the app and see your changes!

### Code Documentation

#### iOS

The iOS version of the application is managed by Xcode. The main configuration file is notesApp.xcodeproj/project.pbxproj. This file contains the build settings, file references, and other configurations for the iOS application.

The application's entry point is defined in notesApp.xcodeproj/xcshareddata/xcschemes/notesApp.xcscheme.

#### Android

The Android version of the application is managed by Gradle. The main configuration file is android/gradle/wrapper/gradle-wrapper.properties.

#### React Native

The React Native codebase is located in the root directory of the project. The entry point of the application is index.js.

### Usage

The application allows users to create, edit, and manage notes. It also has the ability to capture pictures using the device's camera.

### Functionalities of the Notes App

The Notes App is a React Native application that provides the following functionalities:

* Design with React Native
* Driver + User Side (2 Apps)
* For Android & iOS
* Easy to Understand Code
* Clean Code
* Ready to Integrate
* Separate File for Each Page & Component
* Splash Screen
* Google Map
* Side Menu
* Bottom Menu & Tab
* Modal
* Lottie Icons & Images
* Transaction
* Payment Screen
* Payment method selection
* Home Screen
* Select Address screen
* Where you want to go screen
* Saved Address Place
* Search option
* Taxi Book option
* Searching for driver
* Credit Card
* Chat & Messages
* Beautiful Login, Register & OTP Screen
* Button & Radio Button
* Profile & Edit Profile
* Settings
* Logout
* FAQ Screen
* Cancel Trip Screen
* Help Screen
* Reviews Screen
* Notification
* Pick Up and Pick off Point
* ... Much More